
WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS 60208-3113
February 6, 2012
CALENDAR FOR THE COMING WEEK

Tuesday, February 7, 2012	<i>Faculty Lunch Seminar</i> Professor Jim Ibers Tech K140; 12:20 PM	<i>*Please note slight change in time due to Professor Ibers' schedule*</i>
Wednesday, February 8, 2012	<i>Physical Seminar</i> Professor Ted Goodson University of Michigan Ryan 4003; 4:00 PM Hosted by Professor Michael Wasielewski	<i>"Useful Optical Properties of Multi-Chromophore Materials"</i>
Thursday, February 9, 2012	<i>Organic Seminar</i> Professor Jimmy Wu Tech L211; 4:00 PM Hosted by Professor Karl Scheidt	<i>"New Methodologies In Sulfur Chemistry"</i>

www.chem.northwestern.edu/resources/

Arrivals and Departures

Kainan Zhang has joined the Hupp group as a postdoctoral fellow.

Konstantinos Stoumpos has left the Kanatzidis group and joined Argonne as a postdoctoral fellow.

Hanwei Gao and Jung Heon Lee have left the Odom group.

Alex Spokoyny successfully defended his thesis and left the Mirkin group to take a postdoctoral fellow position at MIT.

Arunoday Singh has joined the Lewis group as a postdoctoral fellow.

Sanjiban Chakraborty has joined the Nguyen group as a postdoctoral fellow.

Graduate Recruiting Weekends

Weekend One: March 8 – 10, 2012
Weekend Two: March 15 – 17, 2012
Weekend Three: March 29 – 31, 2012

Reminders

Vita Supplements and CVs from all Tenure Track Professors holding chemistry appointments and from lecturers are due Friday, February 17, 2012.

Save the Date

Monday, February 13, 2012 – *Safety Meeting*; Tech K140; 3:00 PM

Tuesday, February 14, 2012 – *Organic Student Seminar*; **Nathan Strutt**; Ryan 4003; 11 AM; Adviser – Professor Fraser Stoddart

Tuesday, February 14, 2012 – *Faculty Lunch Seminar*; **Professor Tobin Marks**; Tech K140; 12:00 PM

Thursday, February 16, 2012 – *Eli Lilly Lecture*; **Dr. Scott Snyder**; Tech L211; 4:00 PM; Hosted by Professor Regan Thomson

Congratulations

Congratulations to Professor Fraser Stoddart for receiving the Honorary Fellowship Award from the Royal Society of Chemistry!

Opportunities

POSTDOCTORAL POSITION AVAILABLE: A postdoctoral position is available immediately for studies of ferroelastic and ferroelectric domain switching, crystal growth, crystallography, phase transitions, and molecular recognition phenomena in organic inclusion compounds and related materials. The position requires a strong background in **SOLID-STATE NMR** spectroscopy and **X-RAY CRYSTALLOGRAPHY**. The researcher will be responsible for the operation and maintenance of a 300 MHz NMR instrument dedicated to solid-state experiments such as MAS, ²H NMR and single crystal NMR and will use his or her NMR data in conjunction with crystallographic data to study structure and dynamics of disordered molecular solids. The ideal applicant would have experience with a variety of solid-state NMR experiments and chemical crystallography. Experience and interest in organic synthesis of labeled compounds and experience with troubleshooting and maintenance of NMR equipment would also be very helpful. The successful applicant will be exposed to a wide variety of techniques in the area of solid-state chemistry. He or she will help train graduate and undergraduate students in these techniques and must also value working with faculty and students from diverse cultural backgrounds. Duration of the position would be for one year with the possibility of extension to two years. Salary will be commensurate with experience and background. Send your CV and the names and addresses of three references to Prof. Mark D. Hollingsworth, Chemistry Dept., 213 CBC Building, Kansas State University, Manhattan, KS 66506-0401; ph.: 785-532-2727, fax: 785-532-6666, e-mail: mdhall@ksu.edu. Review of applications will commence Feb. 1, 2012, but the search will continue until the position is filled. In accordance with Kansas Board of Regents policy, a background check is required. Kansas State University is an Equal Opportunity Employer, and it actively seeks diversity among its employees.

The Portland Technology Development group of Intel Corporation has several openings for physical science Ph.D.s to support/direct R&D of advanced processing methods. Candidates hired for these positions will be responsible for developing the next generation of Intel's microprocessors. **Ph.D. candidates in Materials Science, Chemistry, Chemical Engineering, Physics, Electrical Engineering or related fields are encouraged to apply.** Criteria for selection include: a strong academic record,

demonstrated experimental expertise, an ability to drive and take responsibility for projects and a solid peer-reviewed publication record. Experience using and maintaining complex scientific equipment is preferred, but not required. Openings are immediately available at Intel's primary development facility (Ronler Acres) located ~10 miles west of Portland, OR. Interested candidates should email resumes to david.j.towner@intel.com

Dow Corning has a position they would like students to consider and submit their application and resumes into the Dow Corning site. Dow Corning is planning to conduct interviews in late January/February. Full time opportunity at Dow Corning -- Dow Corning is currently seeking PhD candidates across a variety of disciplines with an innovative mindset interested in a challenging science and technology career. The person in this role will be responsible for understanding customer needs, finding innovative solutions to problems, and implementing cost-effective technology to meet market requirements. The candidate must be motivated to deliver positive results for the company, and have a strong desire to apply critical thinking through the scientific method to address issues and challenges that have a profound impact on our world. Submit your application and CV per the information below to be considered for an interview. Some interviews will be conducted at Northwestern at the end of January or beginning of February. A specific date has not been determined yet.

Instructions for applying for full time PhD level R&D positions. (Please note that all candidates need to apply on-line through this posting to be considered for an interview.) Go to

www.dowcorning.com/careers<<http://www.dowcorning.com/careers>>

* Click on 'Apply'

* Select 'Sign In or Create an Account'

* If you are a new user, select 'Create an Account'

* For returning visitors, login with your profile information

* Leave all search criteria in the default 'All' selection except

for Position Type

* Select 'Campus Recruit'

* Select 'Search'

* Apply to this posting: College Fulltime: Science & Technology (PhD)

Please see more information at the following link:

http://careers.peopleclick.com/careerscp/client_dowcorning/external/jobDetails.do?functionName=getJobDetail&jobPostId=409&localeCode=en-us

Dow Corning is an Equal Opportunity Employer M/F/V/D.

2012-2013 Robert C. and Carolyn Springborn Postdoctoral Fellowship in the Department of Chemistry at the University of Illinois at Urbana-Champaign. The fellowships, sponsored through the Robert C. and Carolyn Springborn Endowment at the University of Illinois, are now open to applicants (U.S. citizens only). The deadline for application submission is March 15, 2012. The Springborn Postdoctoral Fellowship provides a minimum salary of \$45,000 per year for two years, with exact amount based on previous experience. Additionally, the position provides benefits, travel funds, laboratory space, and assistance with operating costs. The Chemistry Department at Illinois has 31 faculty members, over 300 graduate students, and 97 postdoctoral fellows. Ranked by the NRC as one of the very top programs in the nation for graduate study in Chemistry, we are excited to offer these unique opportunities to highly qualified candidates. For more information about the Springborn Program, please visit our website <http://chemistry.illinois.edu/graduates/support/SpringbornPostdoctoralFellowships.html>. If you have any questions about the program, please feel free to contact Kristin Lang, Stewardship and Advancement Coordinator, at klang2@illinois.edu or 217-244-0234

BIOCHEMICAL OR COMPUTATIONAL FACULTY POSITION - The Calvin College Department of Chemistry and Biochemistry invites applications for a tenure-track position beginning

September, 2012 or 2013. The department seeks candidates who demonstrate strong commitment to excellence in both undergraduate teaching and scholarship. The successful candidate should be comfortable teaching biochemistry. The area of research interest is open, although preference will be given candidates with computational biochemistry experience. It is expected that all faculty establish a vigorous research program involving undergraduates and apply for external funding. A Ph.D. is required. Applicants with postdoctoral and/or teaching experience will be given preference. Rank is open. The department has 12 faculty members and offers ACS degrees in chemistry and biochemistry, and has excellent facilities and equipment for conducting research. Faculty and students are engaged in variety of research programs funded by PRF, Research Corporation, NSF, and NIH. Calvin College is a private four-year college with an enrollment of 4,000 students. It is a Christian college in the Reformed tradition and all candidates are expected to embrace both the Christian faith as expressed in the Reformed creeds and the educational mission of the college. More information about the mission of the college may be found at <http://www.calvin.edu/admin/provost/mission/index.htm>. Applicants should send; 1) a cover letter that specifically addresses the ways the candidate can support the mission of the college, 2) a curriculum vitae, 3) undergraduate and graduate transcripts, 4) a brief outline (2-3 pages) of research plans that would involve undergraduate students, and 5) arrange for the submission of three letters of recommendation. All materials should be sent to Dr. Larry Louters (lout@calvin.edu), Chair, Department of Chemistry & Biochemistry, Calvin College, 1726 Knollcrest Circle SE, Grand Rapids, MI 49546-4403. Review of applications will begin on March 1 and continue until the position is filled. Calvin is building a tradition of diversity and accessibility and welcomes applications from persons whose personal characteristics will further that commitment. Calvin does not discriminate in the employment of individuals on the basis of race, color, national or ethnic origin, disability, sex, or age. Calvin College is a Christian educational institution operated by the Christian Reformed Church and, in compliance with Title VII and other applicable law, reserves the right to give preference in employment based upon religion.

Reaxys PhD Prize Poster-The Reaxys PhD Prize is awarded for original and innovative research in organic, organometallic and inorganic chemistry, which demonstrates excellence in methodology and approach by a candidate currently studying for a PhD or having completed a PhD after January 1, 2011. Three Prize Winners will each receive a **check for \$2000**. Prize Winners and Finalists will be invited to attend the Prize Symposium and Poster Session. This will be held during the 2012 Fall ACS Meeting in Philadelphia. The Symposium is sponsored by the Division of Inorganic Chemistry and co-sponsored by the Division of Organic Chemistry. Submissions for the 2012 Reaxys PhD Prize will be accepted **from December 15, 2011 until February 15, 2012**. If you have any questions please contact us at: prize@reaxys.ch

[2012-Reaxys-PhD-Prize-Poster-A4.pdf](#)

[2012-Reaxys-PhD-Prize-Poster-US-letter.pdf](#)