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**WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY**  
**EVANSTON, ILLINOIS 60208-3113**  
**October 19, 2009**  
**CALENDAR FOR THE COMING WEEK**

Monday, October 19, 2009	Faculty Meeting Tech K140, 12:10p.m.	
Tuesday, October 20, 2009	Organic Seminar <b>Devon Mundal</b> Ryan Hall, 4003, 11:00a.m. Advisor – Professor Regan Thomson	<i>“New Reactions from Under-Explored Compounds: The Chemistry of N- Allylhydrazones”</i>
Thursday, October 22, 2009	Organic Seminar <b>Professor Scott Silverman</b> University of Illinois, Urbana Champaign Ryan Hall 4003, 11:00a.m. Hosted by Professor Fred Lewis	<i>“DNA as a Catalyst for Biological Chemistry”</i>
Friday, October 23, 2009	Inorganic Seminar <b>Julia Chamberlain</b> Tech K140, 1:00p.m. Advisor – Professor Ken Poeppelmeier	<i>“Hydrothermal Synthesis of Silver Transition Metal Oxide Fluoride”</i>
	Homecoming Weekend	

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[northwestern.edu/resources/](http://northwestern.edu/resources/)

**Save the Date**

October 23 -24 2009 – L. Carroll King Lecture – ACS President elect **Professor Joseph Francisco**, Purdue University, Abbott Auditorium, Pancoe Building, 4:00p.m. each day  
Hosted by Professor SonBinh Nguyen

October 27, 2009 – Organic Seminar  
**Dustin Raup**  
Ryan Hall 4003, 11:00a.m.  
Advisor – Professor Karl Schedit

October 29, 2009 – Organic Seminar  
**Professor Scott Rychnovsky**  
University of California, Irvine

Ryan Hall 4003, 11:00a.m.  
Hosted by The Thomson Group

October 30, 2009 – Inorganic Seminar  
**Professor Richard Jordan**  
University of Chicago  
Tech K140, 1:00p.m.  
Hosted by Professor Tobin Marks

October 30, 2009 – Halloween Show  
Tech LR3 – 9:00a.m., 10:00a.m., 11:00a.m. and 1:00p.m.

October 30, 2009 - Parent's Weekend

### **Campus Recruiting in 2009**

Oct. 20-22 ECOLAB

Nov 4-6 – Procter & Gamble

**Europolymer Conference, EUPOC 2010** of European Polymer Federation on Hierarchically Structured Polymers. Chemistry, Physics and applications of polymeric materials with structures at multiple length scales. The conference will take place at Plazzo Feltrinelli, Gargnano, Lake Garda, Italy. May 30th – June 2010. For more information <http://www.dcci.unipi.it/eupoc2010/>

**P&G Information Session and Interviews for NU PhD and Postdoctoral Engineers, Life Scientists, and Chemists.** P&G is hiring qualified doctoral and postdoctoral scientists in Engineering, Life Science, and Chemistry for a variety of challenging R&D positions in Cincinnati and Boston. Further, P&G is actively recruiting eligible foreign nationals and foreign permanent employees interested in returning overseas for employment at our Beijing, Bangalore, Brussels, and Caracas Technical Centers. Qualified candidates for full time or post doc positions will have a PhD or be within 12 mos of degree attainment to be considered. Candidates for internships will be either 1st or 2nd year graduate students who have not yet committed to a dissertation research project.

Campus interviews will be held Nov 4-6 for those pre-selected. Interested candidates can send their resumes to Dr. Maisha Gray-Diggs (MSE G'04 – Torkelson group alum) at [graydiggs.mk@pg.com](mailto:graydiggs.mk@pg.com) if not included in the Chemistry or Chemical & Biological Engineering resume books. While not required, RSVPs would be greatly appreciated. Please send to [graydiggs.mk@pg.com](mailto:graydiggs.mk@pg.com).

### **Opportunities**

The Department of Chemistry at Rutgers, The State University of New Jersey (Camden Campus) invites applications for a tenure track position in Physical Chemistry at the rank of Assistant Professor beginning September 2010. The successful candidate should be an experimentalist with a Ph.D. in Chemistry and postdoctoral experience. They will be expected to teach lectures and laboratories in Physical chemistry, and establish a strong externally funded research group in Experimental Physical chemistry involving graduates and undergraduate students. Applicants

must submit a letter of interest, curriculum vitae, 3 page research plan, 1 page teaching philosophy and three letters of recommendation to Dr. Alex J. Roche, Physical Chemistry Search. Department of Chemistry, Rutgers University, 315 Penn Street, Camden NJ 08102

**Cornell University, the Department of Chemistry and Chemical Biology** is searching for a tenure-track faculty member at the Assistant Professor level. Outstanding candidates with research interests in organic chemistry that complement rather than duplicate our existing strengths are encouraged to apply. The successful applicant will be expected to excel in research and teaching in the field of organic chemistry. A Ph.D. degree is required, and postdoctoral experience is preferred. Applicants should submit a graduate transcript (photocopy acceptable), curriculum vitae, publications list, and separate summaries of research experience and research plans. These materials and three letters of recommendation should be sent to: Chair, Faculty Search Committee, Department of Chemistry and Chemical Biology, Baker Laboratory, Cornell University, Ithaca, New York, 14853-1301. Review of application will begin November 1; the closing date is November 30, 2009.

**University of Pittsburgh** seeks to fill two T/TS faculty positions in Chemistry effective September 2010, pending budgetary approval. The Department desires applications from chemists working in all areas of Organic Chemistry, Chemical Biology, Physical Chemistry or the interface of Nano science and Physical Chemistry. Candidates should provide a curriculum vitae, a statement of research plans, a statement of teaching interests, and three letters of recommendation (junior applicants only). All application materials should be sent to Professor David Waldeck, Chair, Department of Chemistry, University of Pittsburgh, Pittsburgh, PA 15260 or [woodring@pitt.edu](mailto:woodring@pitt.edu).

**Honda is pleased to announce the kickoff of the 2010 Honda Initiation Grant Program**, an annual research funding program open to full-time faculty at accredited universities in the US and Canada. At least five \$50,000 grants will be awarded in areas including materials, robotics, automotive and other. A short pre-proposal is required and due by December 2, 2009. Please visit <http://my.htmlemail.net/sendlink.asp?HitID=1253734371902&StID=43232&SID=0&NID=478444&EmID=70042668&Link=aHR0cDovL3d3dy5ob25kYWdyYW50LmNvbS8%3D>><http://www.hondagrants.com/> for more program detail. Additionally, we are proud to invest in the future of our students with the kickoff of the iDream Student Challenge. Please visit the web site for more information.

**The Malkin Scholars Program** is accepting applications for the fourth year. The Malkin family has made a generous gift to the Robert H. Lurie Comprehensive Cancer Center to support doctoral students at a key time in their dissertation research. Award of \$9,000 per student will be made for use toward research-related expenses. These awards are not stipends, so students receiving other forms of support, such as training grants, are eligible to apply. New fellows will be appointed beginning January 2010. Doctoral students who are in their third year of training are invited to apply. MSTP students who will have successfully completed qualifying exams by the time of appointment will also be considered. In selecting the Scholars, the cancer relevance of the research will be a key criterion. Scholars must be able to communicate their work to non-

scientists and may be required to attend an event with the Malkin Family. Complete applications will consist of:

- a. a nominating letter from the student's research advisor.
- b. A curriculum vita
- c. A statement by the student that qualifying exams have been completed
- d. A one-page summary of the research project and its cancer relevance (to be written by the student)
- e. A statement of the student's long-term career goals.

Application materials should be sent electronically, preferably as a complete pdf file, to Dr. Kathleen Rundell ([krundell@northwestern.edu](mailto:krundell@northwestern.edu)) The deadline date is November 9th, 2009

**Johns Hopkins University, Department of Chemistry Johns Hopkins University, Department of Chemistry** is looking for applications for a tenure-track Assistant Professor position in the general area of experimental physical chemistry. The new position has anticipated starting date of July 1, 2010. Applicants should submit a curriculum vitae and description of research plans as PDF attachments to [chemsearch-phys@jhu.edu](mailto:chemsearch-phys@jhu.edu) and also arrange to have three letters of reference e-mailed to the same address. Mail may be addressed to Physical Chemistry Search Committee, c/o Rosalie Elder, department of Chemistry, Johns Hopkins University, 3400 N. Charles Street, Baltimore, MD 21218.

**ALMA 30<sup>th</sup> Annual Conference on October 28-30, 2009 in Atlanta, Georgia.** Today's laboratory operates in an environment of economic recession and decreasing profits. Corporate leadership and customers continue to expect more, while decreasing resources put pressure on laboratories to deliver more. Laboratory success will depend on the ability of effective leaders to communicate with workgroups from diverse cultures, backgrounds, and generations. The Speaker Topics, Workshops and Roundtable discussion of our 30<sup>th</sup> Annual Conference have been designed to allow experts in the field of effective leadership and management to give you the skills that will ensure adaptability to the constantly changing landscape of business priorities and workgroup diversity

- Accountability at Work in Challenging Times, **Wally Hauck**, Wally Hauck Supertraining
- Influencing Difficult People, **Mary Viola**, Tufts University
- Managing Your Boss and Your Career, **Kathryn Frazier**, Frazier Enterprises
- Utilizing Diversity in Teams, **Sherri Bassner**, Air Products
- Digging Out of the Management Dumpster: The Keys to Sustaining High Performance, **Connor Jordan**, Competitive Solutions, Inc.

## **Arrivals and Departures**

Dongwoo Kim, a Postdoctoral Fellow with Professor Chad Mirkin has left the department and returned to Korea to work as a Research Engineer at Samsung Fine Chemicals.