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**WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY**  
**EVANSTON, ILLINOIS 60208-3113**  
**October 26, 2009**  
**CALENDAR FOR THE COMING WEEK**

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|--------------------------------|---|---|
| Monday, October 26,<br>2009    | IIN Frontiers: in Nanotechnology Seminar<br><b>Buddy Ratner</b><br>University of Washington<br>Pancoe ENH – Abbott Auditorium<br>Hosted by Chad Mirkin<br>Refreshments served at 3:45p.m. | <i>“Biocompatibility<br/>Means Biologically<br/>Compatible: the<br/>Paradigm Shifts in<br/>Healing and<br/>Regeneration”</i>  |
| Tuesday, October 27,<br>2009   | Organic Seminar<br><b>Dustin Raup</b><br>Ryan Hall 4003, 11:00a.m.<br>Advisor – Professor Karl Scheidt  | <i>“New Directions in N-<br/>Heterocyclic Carbene<br/>Catalysis: Utilizing<br/>Phosphines as<br/>Inspiration for New<br/>Reactivity and the<br/>Development of a New<br/>Cooperative Strategy<br/>for the Synthesis of <math>\dot{I}^3</math>-<br/>Lactams”</i> |
|                                | Faculty Lunch Seminar<br><b>Professor Ken Poeppelmeier</b><br>K140, 12:10   |   |
|                                | Final Defense<br><b>Amy Scott</b><br>Ryan Hall 1004, 1:00p.m.<br>Advisor – Professor Michael Wasielewski  | <i>“Photoinduced<br/>Charge and Spin<br/>Transport in Organic<br/>Donor-Bridge-<br/>Acceptor Systems”</i>   |
| Wednesday, October 28,<br>2009 | Northwestern University ‘s 15 <sup>th</sup> Annual<br>Health and Benefits Fair<br>Norris University Center<br>11:00a.m. – 2:00p.m.  |   |
| Thursday, October 29,<br>2009  | Organic Seminar<br><b>Professor Scott Rychnovsky</b><br>University of California, Irvine<br>Ryan Hall 4003, 11:00a.m.<br>Hosted by The Thomson Group                                      | <i>“Organic Synthesis<br/>with Cations and<br/>Anions”</i>  |

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Friday, October 30,  
2009

Eberhard's Halloween Show  
Tech LR3 – 9:00a.m., 10:00a.m., 11:00a.m.  
and 1:00p.m.

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

*“Metal Catalyzed  
Copolymerization of  
Olefins with Polar  
Vinyl  
Monomers”*

Parent's Weekend

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

### **Save the Date**

November 2, 2009 – Faculty Meeting, Tech K140, 12:10

November 3, 2009 – Organic Seminar, **Byungman Kang**, Ryan Hall 4003, 11:00a.m. Advisor  
Professor SonBinh Nguyen

November 3, 2009 - Faculty Lunch Seminar, **Professor Mark Ratner**, Tech K140, 12:10

November 4, 2009 – Physical Seminar, **Professor Sharon Hammes-Schiffer**, Penn State, Ryan  
Hall 4003, 11:00a.m. Advisor – Professor George Schatz

November 6, 2009 – Chemistry Seminar, **Professor Mike Sailor**, University of California, San  
Diego, Tech LR3, 4:00p.m. Hosted by Professor Mercuri Kanatzidis

November 9, 2009 – Safety Meeting Tech K140, 3:00p.m.

November 10, 2009 - Faculty Lunch Seminar, **Professor George Schatz**, Tech K140, 12:10

November 12, 2009 – Organic Seminar, **Professor Roman Bouletov**, University of Illinois,  
Urbana Champaign, Ryan Hall 4003, 11:00a.m.

November 13, 2009 – Inorganic Seminar, **Federico Rabuffetti**, Ryan Hall 4003, 1:00p.m.  
Advisor – Professor Ken Poepelmeier

November 13, 2009 – **ACS Aldrich Lecture, Professor Daniel Nocera**, MIT, Tech LR3,  
4:00p.m. Hosted by Professor Mercuri Kanatzidis

November 16, 2009 – Faculty Meeting, Tech K140, 12:10

November 17, 2009 – Organic Seminar, **Antoinette Nibbs**, Ryan Hall 4003, 11:00a.m. Advisor – Professor Karl Scheidt

November 17, 2009 – Faculty Lunch Seminar – **Professor Joseph Lambert** Tech K140, 12:10p.m.

November 19, 2009 – Organic Seminar, **Professor Tom Driver**, University of Chicago, Ryan Hall 4003, 11:00a.m., Hosted by Professor Regan Thomson

November 20, 2009 – Inorganic Seminar, **Jake Haag**, Ryan Hall 4003, 1:00p.m. Advisor – Professor Ken Poepelmeier

November 20, 2009 – **Hoffman/Kanatzidis Inaugural**, Tech LR3, 1<sup>st</sup> talk 2:30 – 3:30, 2<sup>nd</sup> talk 4:00 – 5:00

November 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

November 24, 2009 – Faculty Lunch Seminar – Professor Lin Chen, Tech K140 12:10p.m.

### **Campus Recruiting in 2009**

Nov 4-6 – Procter & Gamble

Nov 17-20 – ConocoPhillips

### **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.