2013 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS 60208-3113
March 18, 2013
CALENDAR FOR THE COMING WEEKS

Monday, March 18,2013	*Special Seminar* **Professor Ning Fang** Iowa State University Ryan 4003; 2 PM Hosted by Professor Teri Odom	*"Science of Rock 'n' Roll – Single Molecule and Nanoparticle Imaging in Biophysical, Surface, and Photocatalysis Studies"*
Thursday, March 21, 2013	*Physical Seminar* **Professor Fransisco Zaera** UC - Riverside Ryan 4003; 4 PM Hosted by Professor Franz Geiger	*"New Nanostructured Heterogeneous Catalysts for Increased Selectivity and Stability"*
Friday, March 22, 2013	*Inorganic Seminar* **Professor Theodore Betley** Harvard University Tech K140; 4 PM Hosted by Professor David Harris	*"Correlation of electronic structure to reactivity in organometallic catalysis and polynuclear small molecule activation"*

Department Calendar can be found at http://www.chemistry.northwestern.edu/events/calendar.html

Reminder

BIP meets every Friday in Tech K140 at 3 PM.

Arrivals and Departures

None to report this week.

Upcoming Events

For other upcoming events, please visit http://www.chemistry.northwestern.edu/events/calendar.html.

IMSERC needs a logo!

If you think you have what it takes to design a great logo, submit your entries to us at:
a-ott@northwestern.edu

The designer of the winning logo will receive $100 and credits on our site!

The logo contest is open to students and post-docs at Northwestern University. Submit entries as high-resolution image files, via e-mail. You can submit as many designs as you can dream up.
Entries must be received by March 15th 2013.

Opportunities

UNIVERSITY OF YORK- Department of Chemistry and Centre for Hyperpolarisation in Magnetic Resonance - Four postdoctoral positions available. The Department of Chemistry holds an Athena SWAN Gold Award and is committed to supporting equality and diversity for all staff and students. For further details see www.jobs.ac.uk or https://jobs.york.ac.uk/wd/plsql/wd_portal.list?p_web_site_id=3885&p_function=map&p_class_type=Role%20type&p_class_value=Research&p_title=Research%20jobs

Pacific Northwest National Lab We are looking for a postdoc to join the molecular catalysis group in the Center for Molecular Electrocatalysis at Pacific Northwest National Lab, and we ask for your help in encouraging applicants. Our research involves synthetic and mechanistic organometallic/inorganic chemistry, and the current opening is for a project on design and development of electrocatalysts for oxidation of hydrogen or production of hydrogen.
Expertise in the synthesis and handling of air-sensitive compounds is needed, and experience in electrochemistry would be helpful but is not required. To apply, please go to http://www.jobs.pnnl.gov/ and locate Job ID 302195.

Southern Teachers Agency has quite a few chemistry and physical science job listings from schools for the 2013-14 academic year. These jobs range from physical science at the middle-school level through high school AP Chemistry. It is common for science teachers to teach more than one kind of science, so some of these positions will require a chemistry teacher to lead sections of biology, physics, or another science. If you know of students who are interested in teaching science after they graduate, please consider forwarding this information to them. Certification is not required by private schools for many science teaching jobs. **Click here to view current science teaching jobs** **Requirements:** For most of these chemistry teaching jobs, a bachelor's degree with a major in chemistry (or at the very least a chemistry minor) is essential, but teacher certification is not. Of course, a degree in science education is highly desirable, as is a master's degree in chemistry. Candidates should have a GPA of 3.0 or higher. Some of these positions require prior teaching experience.

Application process: Interested candidates should apply to Southern Teachers Agency by submitting a completed STA application (available online)**,** along with a resume and cover letter to teachers@southernteachers.com**.**

The Portland Technology Development group's Thin Films division 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 and data analysis expertise, superior critical thinking skills, an ability to drive and take responsibility for projects and a solid peer-reviewed publication record. Experience using and maintaining scientific equipment is preferred. Semiconductor processing experience is not mandatory. Openings are immediately available at Intel's primary development facility (Ronler Acres) located 10 miles west of Portland, OR. Please see a more detailed job description included below. Interested candidates should email resumes to travis.j.hebden@intel.com with "Intel Corporation Hiring" in the subject line.

The Department of Materials Science and Engineering (MSE) at Stanford University invites applications for a tenure-track position at the Assistant Professor level. Under special circumstances involving exceptional academic merit, candidates at the untenured Associate Professor level may be

considered. We seek applicants with significant accomplishments in materials research in its broadest sense that may include materials characterization involving structure characterization, characterization through property measurement (e.g. nano-mechanics, nano-electronics), theoretical modeling, etc. Stanford University has excellent facilities in these areas as represented by the Stanford Nanocharacterization Laboratory (SNL), the Molecular Imaging Program at Stanford (MIPS), the Stanford Nano Center (SNC), the Stanford Nanofabrication Facility (SNF), the Center for Biomedical Imaging at Stanford (CBIS) and the X-ray facilities at the Stanford Linear Accelerator Center (SLAC). Applicants should include a summary of their educational and professional backgrounds, a current list of published work, and the names of at least three referees who may be consulted by the search committee. An indication of how the candidate's experience matches the position described above should also be given. Applicants are encouraged to write brief descriptions of their plans for future research and how those plans might be realized in a Stanford setting, as well as to submit similar statements on teaching, focusing especially on their vision of teaching to students in the Department of Materials Science and Engineering. The appointment is expected to be made during the forthcoming academic year. Please apply online at: http://mse.stanford.edu/faculty/faculty_search.html. Applications should be submitted by March 31, 2013. Questions should be directed to, Search Committee Chair, c/o Carol Scott, via electronic mail to msesearch@stanford.edu. EOE.

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