

2015 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
May 11, 2015

Tuesday May 12th: *Faculty Lunch Seminar: Eric Weitz*
Tech K140
12:00 – 1:00pm

Wednesday May 13th: *PLU Career Panel*
Ryan Hall 4003
5:00 – 7:00pm

Thursday May 14th: *UCC Seminar: Huw Davies*
Tech L211
4:00 – 5:00pm

For full schedule, including Center events, please see the Department Calendar:
<http://www.chemistry.northwestern.edu/events/calendar.html>

BIP

Meets every Friday at 2:45pm in Tech K140

Arrivals

Vari Sivaji Reddy joined the Marks group
Constanza Ruiz Dominguez joined the Facchetti group

Opportunities

The Physical Sciences Collegiate Division (PSCD) of the University of Chicago invites applications for a Senior Lecturer in Chemistry. The Senior Lecturer will have responsibility for teaching general Chemistry courses and directing the Collaborative Learning program in Chemistry while helping to expand the program throughout the PSCD. The Senior Lecturer will also participate in course curriculum design, TA training and mentoring, student advising, and other contributions to a growing undergraduate program. The Senior Lecturer advises junior faculty on emerging pedagogical trends and developments for excellence in teaching.

Qualified applicants must have completed a PhD in Chemistry or related field and possess exceptional competence in teaching, superior academic credentials, and excellent organizational and leadership skills. The Senior Lecturer appointment would be ongoing with no set end date, but would be subject to reviews at least once every three years.

Applicants must apply through the University of Chicago Academic Career Opportunities website, <https://academiccareers.uchicago.edu>, select requisition #02584, and upload a cover letter, a curriculum vitae, a teaching statement, and contact information for at least 3 references. Screening of applications will begin on June 1, 2015 and continue until the position is filled.

All qualified applicants will receive consideration for employment without regard to race, color, religion,

sex, national origin, age, protected veteran status or status as an individual with disability.
The University of Chicago is an Affirmative Action / Equal Opportunity / Disabled / Veterans Employer.

The Stanford Cancer Imaging Training (SCIT) Program, funded by the National Cancer Institute, aims to train the next generation of researchers in the development and clinical application of advanced techniques for cancer imaging. Our coursework, rich mentored training opportunities, and outstanding resources, provide an active, vibrant program that attracts students nationwide. Graduates from our program are highly sought after, filling faculty and industry research positions internationally. This two-year training program only accepts US citizens, non-citizen nationals, or permanent residents, and will help develop a US workforce to make progress in the battle against cancer. Stanford Cancer Imaging Training Program Applications are now being accepted (see details at <http://scitprogram.stanford.edu/apply>) Applicants must have a PhD or MD
Inquiries to Sofia Gonzales (sofias@stanford.edu)

Department of Chemistry at Pennsylvania State University has two postdoc openings in the general area of stimuli-responsive polymeric materials. Projects involve amplifying signal in the context of materials, as well as creating materials that can be recycled easily with little input of energy. Head to tail depolymerizable polymers will be a major focus, but other approaches will be explored as well. Particular interest in synthetic organic, synthetic polymer, and/or physical organic postdocs, with a preference for postdocs who want to make polymers and make materials and characterize and study the materials. Interested applicants should contact Scott Phillips, Martarano Associate Professor of Chemistry, sphillips@psu.edu; (814)867-2502. Website: <http://www.psu.edu/dept/phillipsgroup/>

The Naval Research Laboratory in Biomaterials and Bioengineering is taking applications for the position of Postdoctoral Associate. The U.S. Naval Research Laboratory Bioenergy and Biofabrication Section is looking for a qualified Ph.D. candidate for a postdoctoral position in biomaterials and bioengineering. Qualified candidates need to hold a Ph.D. in bioengineering, materials science, chemistry, biology, physics or related field and be willing to work on interdisciplinary programs. Candidates with research experience in bioprinting, forming nanofiber polymers (including natural products and biopolymers), optics, laser processing, hydrogels for tissue scaffolding, micro- and nano-fabrication techniques for polymers/soft materials, or mammalian cell interfacing with materials will be given preference. Specific desired skills include 3D confocal microscopy, electrospinning, computer aided design (CAD)/computer aided manufacturing (CAM), biomaterial testing, 3D cell culture, stem cell differentiation, bioreactors and/or lab-on-a-chip cell culturing, microfluidics, laser system engineering as well as hydrogel formulation and synthesis.

NRL collaborates with the National Research Council (NRC) and the American Society of Engineering Education (ASEE) to place postdoctoral associates at the Lab. The starting salaries for these positions are approximately \$74,000/yr and require US citizenship or permanent resident status. Additional information about these opportunities can be found at:

<http://nrc58.nas.edu/RAPLab10/Opportunity/Opportunity.aspx?LabCode=64&ROPCD=641515&RONum=B5647>

AND

<http://nrl.asee.org/>

Please send CV's and interest letters to Dr. Brad Ringeisen (Head, Bioenergy and Biofabrication Section, NRL) at Bradley.Ringeisen@nrl.navy.mil.

The Chemistry Department at the Illinois Institute of Technology (IIT) seeks candidates for a full-time lecturer position starting August 2015 (earlier start date is possible and negotiable). Applicants must have a Ph.D. in chemistry. The primary responsibilities include teaching undergraduate level courses especially general chemistry and organic chemistry. Additional responsibilities include oversight and

maintenance of chemistry teaching laboratory and associated instruments. The initial appointment will be for one year with the possibility of a longer-term renewable contract based on performance and mutual satisfaction. Please visit <http://science.iit.edu/chemistry> for further information.

Applicants should send a cover letter, a curriculum vitae, a statement of teaching philosophy including experience with undergraduate lab oversight and instrument maintenance. All applications should be submitted electronically as a single pdf file to chemistry_search@iit.edu. Applicants should also arrange to have three letters of references submitted electronically to the same e-mail address or as a hard copy to: Professor Rong Wang, Department of Chemistry, Illinois Institute of Technology, Chicago, IL 60616.

Review of applications will begin immediately and will continue until the position is filled. IIT is an equal opportunity/affirmative action employer. Individuals from underrepresented groups in physical sciences are strongly encouraged to apply.

Postdoctoral Fellow with the University of Missouri Any candidate with experience in inorganic or organometallic chemistry would be considered, but candidates with backgrounds in *electrochemical catalysis* or *carbon dioxide activation* would be a plus. This position will likely be funded through a collaborative NSF funded Center for Carbon Capture and Conversions (C4) (<http://www.brown.edu/research/projects/capture-and-conversion-of-co2/>), though sufficient startup funds are available to continue the position even if this center doesn't get renewed in Phase II.

Professor Wesley Bernskoetter will be bringing a wonderful group of current personnel from Brown, but is looking to expand the program with talented new hires. The start date is flexible, but summer-early fall is preferred. Any candidates who might be interested in a position are encouraged to send a CV and cover letter to wb36@brown.edu

The National Research Council of the National Academies sponsors a number of awards for graduate, postdoctoral and senior researchers at [participating federal laboratories and affiliated institutions](#). These awards include generous stipends ranging from \$42,000 - \$80,000 per year for recent Ph.D. recipients, and higher for additional experience. [Graduate](#) entry level stipends begin at \$30,000. These awards provide the opportunity for recipients to do independent research in some of the best-equipped and staffed laboratories in the U.S. Research opportunities are open to U.S. citizens, permanent residents, and for some of the laboratories, foreign nationals.

Detailed program information, including online applications, instructions on [how to apply](#) and a [list of participating laboratories](#), is available on the NRC Research Associateship Programs [Website](#) (see link above).

Questions should be directed to the NRC at 202-334-2760 (phone) or rap@nas.edu. There are four annual review cycles.

Review Cycle: **February**; Opens December 1; Closes February 1

Review Cycle: **May**; Opens March 1; Closes May 1

Review Cycle: **August**; Opens June 1; Closes August 1

Review Cycle: **November**; Opens September 1; Closes November 1

Applicants should contact prospective Adviser(s) at the lab(s) prior to the application deadline to discuss their research interests and funding opportunities. More detailed information and an online application can be found at www.nationalacademies.org/rap.