

2014 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
March 17, 2014

Tuesday, March 18: *Third Year Organic Seminar: Eric Lee (Scheidt Group)*
Ryan Hall 4003
11:00am – 12:00pm

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

BIP

Meets every Friday at 3:00pm in Tech K140

Arrivals

There were no new arrivals last week

Opportunities

The Center for the Study of the Presidency & Congress is a non-partisan organization that offers a non-resident internship designed to promote interest in public policy and encourage leadership. The Center's Presidential Fellows Program consists of two components: a Fall Leadership Conference and the Spring Symposium. Fellows meet government officials, public policy leaders, and representatives from prestigious think-tanks; are assigned a mentor; and must participate in a panel discussion and deliver an original research paper during the Spring Symposium.

For more information, visit <http://www.thepresidency.org/programs/presidential-fellows-program>

Northwestern holds an internal competition to choose one representative for this fellowship.

Eligibility: Sophomores and juniors (in any major) who have demonstrated interest in public policy, the institution of the presidency, or Congress, and a GPA of 3.6 or higher.

Application requirements:

- A 300-word essay that details your interest in the program
- List one or two potential research topics
- Résumé
- Unofficial transcript
- Name of at least one Northwestern faculty member who is aware of your interest in public policy and/or research

All application materials should be submitted to: fellowships@northwestern.edu

Interested? Contact Jason Kelly Roberts Jason-roberts@northwestern.edu

Internal application deadline is Wednesday April 17, 2014 at Noon.

Analytical Chemistry Department at Gustavus Adolphus College invites applications for a full time position of Visiting Assistant Professor in the Department of Chemistry with specialization in analytical chemistry to begin September 1, 2014.

We seek candidates who have an earned doctorate, but will consider candidates who have achieved ABD status. In their application candidates should discuss their commitment to teaching a student-centered undergraduate chemistry curriculum in a liberal arts environment. We are interested in applicants who complement our commitment to students and faculty from diverse cultural groups, and who will diversify the expertise and experiences represented in the department.

The teaching load will be seven course equivalents. Responsibilities will include: a 300-level instrumental analysis lecture and associated lab, a 200-level quantitative chemical analysis lecture and associated lab, 100-level Principles of Chemistry laboratories, and a possible January Term experiential course determined by candidate and appropriate to the candidate's expertise.

The Gustavus Department of Chemistry graduates approximately 30 majors each year. The Department prepares students for continuing education in post-graduate professional programs in chemistry, environmental or health-related fields. Students are engaged in research experiences both within and outside of classes.

To apply, please email (as separate as PDF files) a letter of application, curriculum vitae, statements of teaching philosophy and research interests, undergraduate and graduate transcripts (scanned PDFs/photocopies acceptable), and three confidential letters of professional recommendation (sent directly from the reference) to: chem-search@gustavus.edu.

The cover letter and letters of recommendation should be addressed to:

Dr. Brenda Kelly, Chair Department of Chemistry Gustavus Adolphus College
800 W College Ave
Saint Peter, MN 56082-1498

Application information is also available at: www.gustavus.edu/jobs. For more details, contact Dr. Brenda Kelly at 507-933-7320 or chem-search@gustavus.edu. Review of applications will begin immediately, and continue until the position is filled.

Gustavus Adolphus College is a coeducational, private, Lutheran (ELCA), residential, national liberal arts college of 2500 students. The College maintains a longstanding commitment to excellence through diversity with a special emphasis on global engagement and service. Additionally, we strive to be a community supportive of all kinds of individuals and families. As an Affirmative Action employer, it is the policy and practice of Gustavus Adolphus College to provide equal employment opportunities for all. EOE/M/F/V/D

National Institute of Standards and Technology We are seeking post-doctoral researchers to study electronic structure and ultrafast interfacial dynamics at organic heterojunctions. One focus is the use of time-resolved two-photon photoelectron spectroscopy (TR-2PPE) to follow exciton and charge dynamics at the donor-acceptor interfaces. In conjunction with this effort we also apply scanning tunneling microscopy and spectroscopy (STM, STS) to measure interfacial molecular structure, nanoscale phase separation, and local electronic structure. We are also interested in new methods to follow charge transfer and photovoltage at interfaces with nanosecond to picosecond resolution. Finally, we also have interests in the application and further development of THz measurement techniques. Experience with ultrafast laser systems, UHV techniques, photoelectron spectroscopy, and/or STM is desirable but not a requisite. We welcome inquiries from applicants with interests in any of these areas. Positions will be funded through the National Research Council postdoctoral program.

For further information contact: Dr. Steven Robey Steven.robey@nist.gov or Dr. Edwin Heilweil Edwin.heilweil@nist.gov

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.