

2016 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
October 10, 2016

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

- Monday October 10th: *Department of Chemistry Seminar:*
 Yosuke Kanai, UNC Chapel Hill
 Ryan 4003
 4:00-5:00pm
- Tuesday October 11th: *Faculty Lunch Seminar: Mercuri Kanatzidis*
 Tech K140
 12:00 -1:00pm

BIP

BIP meets every Friday 10-11:00am in Tech K140

Arrivals

Yuanhai Lin joined the Odom Group
Kenichi Otake joined the Hupp Group
Xianli Su joined the Kanatzidis Group

Opportunities

The Department of Chemistry at Duquesne University invites applications from outstanding individuals for a tenure-track Assistant Professor 9-month position in the area of experimental organic chemistry to begin in the Fall of 2017.

Duquesne's Chemistry and Biochemistry Department combines world-class research with the intimacy and attention of a small liberal arts college. For students, this means unparalleled access to a faculty renowned for ground-breaking, interdisciplinary research and scholarship, working on real-life problems. Our commitment to Duquesne's Teacher-Scholar Model means that our faculty brings their newly-minted knowledge straight from the lab to the graduate or undergraduate classroom and constantly strives to develop and disseminate fresh ways to bring new ideas and skills to our students. Our distinctive departmental culture rapidly integrates students into cutting-edge research programs to provide early engagement in scientific inquiry.

The successful candidate must have earned a PhD, and preferably have post-doctoral experience. Candidates with research interests that complement existing research on campus and who show exceptional promise in research and teaching at both the undergraduate and graduate levels are encouraged to apply.

Duquesne University is committed to attracting, retaining and developing a diverse faculty that reflects contemporary society, serves our academic mission and enriches our campus community. Women and minority candidates are encouraged to apply. For more information about Bayer School of Natural and

Environmental Sciences, please visit <http://www.duq.edu/academics/schools/natural-and-environmental-sciences>.

Application Instructions:

Duquesne University uses Interfolio to collect all faculty job applications electronically. Please submit your cover letter expressing your interest and experience, curriculum vitae, a description of proposed research projects, a teaching philosophy statement containing your vision of the teacher-scholar model, and contact information for three confidential references to: <http://apply.interfolio.com/37083>. While the position will remain open until filled, priority will be given to applications submitted by October 14, 2016. For more information please contact: Dr. David W. Seybert (seybert@duq.edu) or (412) 396-6465

California Institute of Technology invites applications for a tenure-track faculty position at the assistant professor level in biochemistry and related areas. Candidates with strong commitments to research and teaching excellence are encouraged to apply. The term of the initial appointment is four years and is contingent upon completion of all requirements for a Ph.D. in biochemistry or closely related fields. Interested candidates should apply electronically. Candidates unable to apply electronically may submit curriculum vita, publication list, teaching statement, description of proposed research, and three letters of recommendation to: Chair of the Biochemistry Search Committee, Division of Chemistry and Chemical Engineering, M/C 164-30, California Institute of Technology, Pasadena, CA 91125. Applications should be received by November 1, 2016. <https://applications.caltech.edu/job/bmb>
If there are any questions during the search process, please contact us at: bmb-search@caltech.edu.
Applications due by November 1, 2016

California Institute of Technology invites applications for a tenure-track faculty position at the assistant professor level in the Division of Chemistry and Chemical Engineering. Exceptionally well-qualified applicants at the tenured level may also be considered. Areas of particular interest include experimental physical chemistry, inorganic chemistry, and biochemistry, although applications in any area of chemistry broadly defined are welcome. Candidates with strong commitments to research and teaching excellence are encouraged to apply. The term of the initial untenured appointment is four years, and the appointment is contingent upon completion of all requirements for a Ph.D. in chemistry, biochemistry, or in a related field.
Interested candidates should apply electronically. Candidates unable to apply electronically may submit a curriculum vitae, publication list, teaching statement, description of proposed research, and three letters of recommendation to: Chair of the Chemistry Search Committee, M/C 164-30, California Institute of Technology, Pasadena, CA 91125. Applications should be received by **October 15, 2016**.
If there are any questions during the search process, please contact us at: chemistry-search@caltech.edu.
More about the application process can be found at: <https://applications.caltech.edu/job/chemistry>

The Department of Chemistry at Lehigh University invites applications for an Assistant Professor of Physical Chemistry, broadly defined. There are opportunities to develop collaborations within the department and across the university in the fields of both biological and materials oriented systems. Candidates must have a Ph.D. in chemistry or related field with demonstrated scholarship and research achievements; post-doctoral experience is preferred. A strong commitment to teaching at both undergraduate and graduate levels is a requirement. Review of applications will begin October 15 and continue until the position is filled.

Interested applicants should submit a cover letter, curriculum vita, statements of proposed research and teaching interests, and arrange for three letters of recommendation to be sent. All materials must be submitted electronically at: <https://academicjobsonline.org/ajo/jobs/7401>. Inquiries about this position should be directed to Prof. Dmitri Vezenov (dvezenov@lehigh.edu) .

The College of Arts and Sciences at Lehigh is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community. Applications from and nominations of women and minority candidates are highly encouraged. Lehigh University is an equal opportunity/affirmative action employer, seeking a diverse faculty. Lehigh offers excellent benefits including domestic partner benefits. For more information about work/life balance at Lehigh, see: <http://www.lehigh.edu/~inprv/faculty/worklifebalance.html>.

The Division of Chemical Biology and Medicinal Chemistry at The University of Texas at Austin College of Pharmacy invites applications for a full-time tenure-track faculty position at the Assistant Professor level, effective August 2017. The division (<http://sites.utexas.edu/medchem/>) is a highly interdisciplinary and interactive group engaged in cutting edge research.

The successful applicant will engage in productive interdisciplinary research, provide high-quality teaching, and actively participate in university service. The candidate will be expected to establish a vigorous and externally funded research program focusing on chemical and molecular mechanisms of high biomedical significance. All highly qualified candidates will be considered, but those with research interests related to cancer or infectious diseases will be viewed more favorably. Teaching in the professional (Pharm.D.) program and development of graduate courses in the area of research expertise are expected. The position carries a highly competitive salary, benefits, and start-up package.

Qualifications

Ph.D. in a relevant field.

Application Instructions

Applicants should submit a cover letter, curriculum vitae, research plan, and a list of 3 references. Applications received before December 1, 2016 will receive first consideration, but applications will be accepted until the position is filled. <https://apply.interfolio.com/36240>

The School of Engineering (STI) of EPFL invites applications for a tenure-track assistant professor position in inorganic materials within the Institute of Materials. We seek exceptional individuals who will develop and drive a research program at the forefront of the discipline, who have a strong dedication to teaching at the undergraduate and graduate levels, and who will be proactive members of a vibrant Materials community.

Top-level applications are invited in all areas related to the design, synthesis, processing and characterization of functional inorganic materials including, but not limited to: materials for energy harvesting, conversion or storage; novel semiconductors; electronic, catalysis or photonic materials as well as materials for information technology or devices.

As a faculty member of the School of Engineering, the successful candidate will be expected to initiate an independent and creative research program and participate in undergraduate and graduate teaching. Internationally competitive salaries, start-up resources and benefits are offered.

EPFL, with its main campus located in Lausanne, Switzerland, is a dynamically growing and well funded institution fostering excellence and diversity. It has a highly international campus at an exceptionally attractive location boasting first-class infrastructure. As a technical university covering essentially the entire palette of engineering and science, EPFL offers a fertile environment for research cooperation between different disciplines. The EPFL environment is multi-lingual and multi-cultural, with English often serving as a common interface.

Applications should include a cover letter with a statement of motivation, curriculum vitae, list of publications and patents, concise statement of research and teaching interests, and the names and addresses of at least five referees. Applications must be uploaded in PDF format to the recruitment web site: www.go.epfl.ch/imx-search

Formal evaluation of candidates will begin on December 1st, 2016 and continue until the position is filled.

Enquiries may be addressed to:

Prof. Harm-Anton Klok; Search Committee Chair; E-mail: imx-search@epfl.ch

For additional information on EPFL, please consult the web site: www.epfl.ch

EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.

The Merck MRL Postdoctoral Fellowship Program is currently looking for synthetic organic chemists to take part in Discovery Chemistry in 2017, specifically in the areas of macrocycle/peptide synthesis, flow chemistry, and automation.

https://merck.taleo.net/careersection/ext_merckunitedstates_en/jobdetail.ftl?job=POS000221

Applications will be open for the next 6 weeks. For more information about the MRL Postdoc Program, please visit <http://www.merck.com/research/fellow/>. Please direct any questions to William Morris (william.morris2@merck.com).

The School of Sciences at Indiana University Kokomo invites applications for a full time, tenure-track, 10-month, organic chemistry position at the assistant professor level beginning August 1, 2017.

Information about the School can be found at: www.iuk.edu/sciences

Responsibilities include teaching organic chemistry I and II (lectures and labs), general chemistry courses, and additional courses such as a freshman learning community course, the chemistry capstone, or other upper-level chemistry courses depending on qualifications. Course load will be 72% FTE per semester. Research with undergraduates is expected and supported. Publication is required for promotion and tenure. Candidates specializing in any area of organic chemistry are encouraged to apply. An appropriate level of university/professional/community service is also required (e.g. committee work, assessment of the major, and engagement in campus initiatives to increase retention and enrollment).

Requirements include a Ph.D. in organic chemistry or in a closely related area with thesis work in organic chemistry, experience teaching undergraduate chemistry (lecture and/or lab courses), and research potential in the field (e.g., publications, external funding). Postdoctoral experience, experience teaching organic chemistry lecture courses, experience teaching introductory chemistry lecture courses, engaging in outreach activities, and/or working with undergraduates in research is preferred.

Salary is competitive and includes an excellent fringe benefits package. Although the review process will commence November 7, 2016, applications will be accepted until the position is filled. Interested candidates should review the application requirements and submit their application at: <https://indiana.peopleadmin.com/postings/2761>. Questions regarding the position or application process can be directed to Lu Ann Name, School of Sciences, Indiana University Kokomo, P.O. Box 9003, Kokomo, IN 46904-9003, Lname@iuk.edu. The application must include a cover letter, a *curriculum vitae* outlining appropriate education and work experience, a one-page statement outlining teaching philosophy, a one-page statement outlining research agenda, unofficial copies of undergraduate and graduate transcripts, and the names, mailing addresses, email addresses, and telephone numbers of at least three professional references.

One of eight campuses of Indiana University, Indiana University Kokomo is a comprehensive non-residential campus located 50 miles north of Indianapolis in Kokomo, Indiana, a city with a population of approximately 55,000. Committed to student success, the campus serves approximately 3,100 students from a 14 county area in north central Indiana. IU Kokomo has approximately 260 full time faculty and

staff. Associate, Baccalaureate, and Master degrees are offered. Additional information about Indiana University Kokomo can be accessed at <http://www.iuk.edu>.

Indiana University Kokomo seeks faculty skilled at working with members of diverse cultures and committed to preparing students to be engaged members of an increasingly diverse society. Indiana University Kokomo is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regards to race, color, ethnicity, religion, age, sex, sexual orientation or identity, national origin, disability status, or protected veteran status. This institution is also a provider of ADA services.

The Department of Chemistry at Hendrix College (www.hendrix.edu/chemistry) invites applications for a tenure track Assistant Professor of Chemistry to begin in August 2017. The successful candidate will teach Organic Chemistry and introductory courses for majors and non-majors. The College seeks to extend its tradition of excellence in teaching and scholarship by attracting faculty who combine mastery of their disciplines with broad intellectual interests and commitment to the aims of a liberal arts college. Start-up funding and research space will be provided to support a sustainable research program with undergraduates. The successful candidate will have a 3/3 teaching assignment with 25% reassigned for undergraduate research. Doctorate at the time of appointment is required, and postdoctoral experience is preferred. Applications should include a cover letter addressing the candidate's interest in teaching in a demanding liberal arts environment, a curriculum vita, undergraduate and graduate transcripts, a statement of teaching philosophy, a statement of research plans, and three letters of recommendation submitted via email to facultyrecs@hendrix.edu. The cover letter should be addressed to Dr. David Hales.

Review of applications will begin October 7th, 2016 and continue until the position is filled.

Hendrix is a distinguished liberal arts college located in Conway, Arkansas, thirty miles from Little Rock at the foothills of the Ozark Mountains. The College, affiliated with the United Methodist Church, has a strong commitment to excellence in teaching liberal arts and sciences. Hendrix College strives to maintain an environment free from discrimination and harassment, where employees treat each other with respect, dignity and courtesy. The College adheres to the principle of equal educational and employment opportunity without regard to age, race, color, religion, gender, disability, sexual orientation, gender identity or expression, genetic information, or national origin.

The Department of Chemistry at Hendrix College (www.hendrix.edu/chemistry) invites applications for a tenure track Assistant Professor of Chemistry to begin in August 2017. The successful candidate will teach Biochemistry and introductory courses for majors and non-majors. The College seeks to extend its tradition of excellence in teaching and scholarship by attracting faculty who combine mastery of their disciplines with broad intellectual interests and commitment to the aims of a liberal arts college. Start-up funding and research space will be provided to support a sustainable research program with undergraduates. The successful candidate will have a 3/3 teaching assignment with 25% reassigned for undergraduate research. Doctorate at the time of appointment is required, and postdoctoral experience is preferred. Applications should include a cover letter addressing the candidate's interest in teaching in a demanding liberal arts environment, a curriculum vita, undergraduate and graduate transcripts, a statement of teaching philosophy, a statement of research plans, and three letters of recommendation submitted via email to facultyrecs@hendrix.edu. The cover letter should be addressed to Dr. Andres Caro.

Review of applications will begin October 7th, 2016 and will continue until the position is filled.

Hendrix is a distinguished liberal arts college located in Conway, Arkansas, thirty miles from Little Rock at the foothills of the Ozark Mountains. The College, affiliated with the United Methodist Church, has a strong commitment to excellence in teaching liberal arts and sciences. Hendrix College strives to maintain an environment free from discrimination and harassment, where employees treat each other with

respect, dignity and courtesy. The College adheres to the principle of equal educational and employment opportunity without regard to age, race, color, religion, gender, disability, sexual orientation, gender identity or expression, genetic information, or national origin.

The Department of Chemistry, housed within LSU's College of Science, has a tenure-track Assistant Professor position in Organic Chemistry that we hope to fill for an August 2017 start date.

Responsibilities: Establish a strong, well-funded research program in organic chemistry, demonstrate excellence in research and teaching, and participate in service activities pertaining to the mission of the department and advancement of the profession; publish results in appropriate journals and other media; teach undergraduate and/or graduate level courses in Chemistry, direct/supervise graduate and undergraduate students. Candidates are required to have strong experience in organic chemistry, broadly defined. Preference may be given to those with interests in organic materials or biologically/medicinally related applications of organic chemistry.

Required qualifications: Ph.D. in Chemistry or a related field; specific experience in organic chemistry broadly defined; demonstrated excellence in research and teaching.

Applications should consist of a cover letter, curriculum vitae, proposed research and teaching philosophy, preferably in that order, as a single pdf document. Copies of transcripts may be attached to the application; however, original transcripts will be required prior to an appointment. The application should be submitted (in pdf format) at https://lsu.wd1.myworkdayjobs.com/en-US/LSU/job/LSU---Baton-Rouge/Assistant-Professor-of-Organic-Chemistry_R00006196-1.

Applicants should arrange to have a minimum of three letters of recommendation e-mailed directly to Ms. Amy Commander (acom@lsu.edu). Please use the following subject line: LSU Chemistry Faculty Search – Organic.

LSU Chemistry Department occupies part of two buildings, Choppin Hall and the new Chemistry & Materials Building. There are a number of instruments facilities, including state-of-the-art NMR, mass spectrometry, microscopy and synchrotron facilities (<http://www.lsu.edu/science/chemistry/facilities/facilities.php>). The Louisiana Board of Regents has a \$1.3 billion educational trust fund that supports a variety of research, equipment and graduate fellowship programs.

An offer of employment is contingent on passing a pre-employment background check. Review of applications will begin October 30, 2016, and will continue until a candidate has been selected.

Benefits: LSU offers outstanding benefits to eligible employees and their dependents, including health, life, dental and vision insurance, flexible spending accounts, retirement options, various leave options, paid holidays, wellness benefits, tuition exemption for qualified positions; training and development opportunities, employee discounts and more.

The Getty Conservation Institute's (GCI) postdoctoral fellowship is a two-year program designed to provide recent PhDs in chemistry and the physical sciences with experience in conservation science. The 2017-2019 Postdoctoral Fellow will be an integral part of the GCI Science's Technical Studies research area, and as such will work closely with conservation and curatorial colleagues from across the Getty, gaining experience in cultural heritage research as conducted within a museum environment. (<http://www.getty.edu/conservation/about/science/index.html>).

The Technical Studies research group focuses on the study of works of art to answer questions related to an artist's materials and techniques, workshop practice, attribution/provenance, and how the constituent materials might have altered or degraded over time. Projects vary widely in size and scope, and emphasis is given to projects that benefit the conservation field more broadly. Some projects may focus on a single artist, or school of artists, to examine trends in the development of artistic practice; others may examine a broad class of objects in order to elucidate historic technologies; and others may concentrate on a specific artist's material to better understand its properties or use, or to identify ways of assessing geographic provenance. As such, the scientific studies that form the foundation of this research are necessarily multi-

faceted, employing a wide variety of analytical techniques, ranging from whole object imaging technologies to the examination of materials at the nano-scale.

The Postdoctoral Fellow is expected to engage with, and be involved in, both new and existing projects and research partnerships being conducted in the area of Technical Studies Research; the primary focus of the Fellow's research activities will be the area of implementing/developing advanced imaging technologies (including both visual and spectroscopic imaging) and data visualization. The Fellowship thus will be particularly suited to candidates having a strong background in imaging and computer science at the graduate level. In addition to working on existing or nascent research projects, there is scope for the Fellow to pursue independent research on a topic of their own choosing, and to take full advantage of the diverse research facilities available at the Getty. Professional development will be encouraged and assisted through participation in professional meetings, conferences or workshops. It is hoped that the Fellow's research outcomes will be disseminated through publications and conference presentations, both to the scientific community and to art conservation practitioners.

Applicants should have a recent (2010 or later) PhD in a relevant field, including but not limited to, computer/imaging science, analytical/physical chemistry, optical/electrical engineering or materials science. Experimental research experience and strong instrumental analysis skills are also desirable. Demonstrable aptitude for self-directed learning and for working across academic disciplines is critical, as are excellent written and verbal communication skills. Candidates should have an interest in the visual arts and a serious interest in pursuing a career in conservation science within the museum environment. The fellowship runs from September 2017 to August 2019. In addition to an annual stipend, the fellow will be provided an annual study trip allowance and generous benefits including travel to, and housing in, Los Angeles and full health benefits.

DEADLINE: November 15, 2016

HOW TO APPLY: A completed online application (which includes uploading a Statement of Interest; Doctoral Dissertation Plan or Abstract; Curriculum Vitae; Writing Sample; and Confirmation of Degree) must be received by the deadline. Two Confidential Letters of Recommendation must be sent separately to GCIPostDoc@Getty.edu.

Interested candidates should apply through the Getty's Job Opportunities webpage:

<https://jobs-getty.icims.com/jobs/2835/gci-postdoctoral-fellow/job>

Hiring plan for faculty members at all ranks in areas of Science and Engineering at The Chinese University of Hong Kong, Shenzhen [CUHK(SZ)].

CUHK(SZ) is a research intensive University executed with the highest international standards and traditions. English is the official language. The University extends the core values and educational philosophy of The Chinese University of Hong Kong, Hong Kong. Operated under a modern and transparent management system that values academic freedom, CUHK(SZ) contributes to higher education by nurturing graduates at all levels with broad international outlook, sound scholarship and commitment to society. Besides education, the University also contributes to the long-term prosperity of Shenzhen and China by its leading work in research and entrepreneurship.

The campus (<http://www.cuhk.edu.cn/en/index.html>) is located in a picturesque area of Shenzhen (<http://www.eyeshenzhen.com/>, <http://v.qq.com/x/page/m0308sptsyb.html>), one of the fastest growing communities in the World. The University offers the right candidate an excellent salary package, competitive startup funds and space. The City and Longgang Municipal District also offer generous signing bonuses and financial incentives

(<http://www.cuhk.edu.cn/UploadFiles/TalentsProgramOutline.pdf>). While the University welcomes applicants from all areas of expertise, current strengths include Computer Science and Engineering, Electronic Information Engineering, Robotics and Control, New Energy Science and Engineering, Statistics and Data Science, Mathematics and Applied Mathematics, Bioinformatics, Biological Sciences and Biomedical Engineering, Design and Manufacturing Systems, Physics, Chemistry, and Materials Science. A number of multi-million dollar research centers have already been set up. Cluster hiring for the

right groups are also considered. The University expects to hire 150 to 200 new faculty in the next five years. By joining us, the person will become a member of one of the best run educational and research institutions in the world.

For interested individuals, please send CV and/or inquiries to talents4sse@cuhk.edu.cn.

City University of Hong Kong is a dynamic and fast-growing university. Our discovery-enriched curriculum puts discovery and innovation at the forefront of our professional programmes to enhance students' creativity and professional knowledge. As a publicly-funded institution, the University is committed to nurturing and developing students and creating applicable knowledge in support of social and economic advancement. We are Making a Difference through Excellence in Research and Professional Education.

The University has seven Colleges/Schools. As part of its pursuit of excellence, the University aims to recruit outstanding scholars from all over the world in various disciplines, including business, creative media, energy, engineering, environment, humanities, law, science, social sciences, veterinary sciences and other strategic growth areas.

Applications and nominations are invited for all faculty positions of Chair Professor, Professor, Associate Professor and Assistant Professor. Interested parties are invited to submit an online application with current curriculum vitae to apply for openings at <http://jobs.cityu.edu.hk> or by e-mail to hrrecruit@cityu.edu.hk.

A senior delegation from City University of Hong Kong will visit Chicago in November 2016 to present the University's vision for the future.

Date/Time Venue:

Wednesday November 2, 2016 6-8:00pm Hyatt Regency Chicago 151 East Wacker Drive Chicago

Please register for the Chicago reception at: <https://chicago-reception.eventbrite.hk>

The Department of Chemistry and Biochemistry at Santa Clara University is seeking a tenure-track assistant professor beginning Fall 2017 (pending availability of funding). Santa Clara University is a highly ranked Jesuit Catholic university with an ACS-approved undergraduate program and located in the Silicon Valley. The successful candidate is expected to establish an externally funded and productive undergraduate research program in experimental biochemistry, contribute to departmental research and teaching objectives, and demonstrate the ability to teach biochemistry and general chemistry effectively. Salary Competitive salary and benefits package; housing assistance program is available.

Basic Qualifications

A Ph.D. and postdoctoral experience in biochemistry or a closely allied field is required, along with a strong commitment to teaching and undergraduate research. College teaching experience is highly desirable, and experience in teaching a diverse student population is preferred.

Preferred Qualifications

Responsibilities

Faculty members are expected to be teaching-scholars who balance a commitment to quality teaching with active programs of research and active participation in departmental life. Duties include but are not limited to: A) Planning and teaching lecture sections of Biochemistry (CHEM 141 and 142) and Biochemistry Laboratory (CHEM 143), General Chemistry lecture and laboratories (CHEM 11, 12, 13), and other courses as assigned. B) Setting up a laboratory to perform experimental research in an area of biochemistry that will engage undergraduates and lead to sustained publication of results in reputable, peer-reviewed journals. C) Pursuing external funding for individual and departmental research and

teaching objectives. D) Serving the department, the College, and the University in such capacities as needed, appropriate to rank and years of service at SCU.

More information about the position and application procedures can be found at:

<https://jobs.scu.edu/postings/4892>. Closing date is October 14, 2016.

Northwestern University Office for Research Safety is looking for a Chemical Hygiene Officer. This position will serve as the campus-wide Chemical Hygiene Officer (as required by OSHA) and function as the ORS resident expert on chemical safety, toxicology and risk assessment involving the safe use and storage of hazardous chemicals in teaching and research. This position will also work in cooperation with the EHS function in Risk Management to ensure a common approach to chemical safety across NU. The individual will ensure OSHA compliance with the “Laboratory Standard” (29 CFR 1910.1450) by ensuring that a key compliance document—the Chemical Hygiene Plan—meets the needs of the campus and is kept current.

This position performs risk and compliance assessments, and promotes safe work practices within Northwestern University managed research laboratories—specifically the Chemistry Department. The incumbent will work with the principal investigators, researchers and administrators in assigned departments to prepare and update standard operating procedures and policies. Safety support services include laboratory safety inspections, development of training content, response to laboratory emergencies, incident investigations and other services.

Please note: Candidate must carry a cell phone, pager at all times while at work. May be required to wear a pager during off-hours. Incumbent must be physically capable of hazardous materials response: wearing chemical protective clothing and a self-contained breathing apparatus during emergency response.

Specific Responsibilities:

- Serves in the official capacity of Chemical Hygiene Officer for NU as the ORS residential expert on chemical safety, toxicology and risk assessment involving the safety use and storage of hazardous chemicals in teaching and research.
- Works with principal investigators and researchers to integrate safety procedures into laboratory operations. Promotes safe work practices based on regulatory requirements, incident experience, best management practice, and University policy. Performs the more complex risk and industrial hygiene assessments and safety audits, and drafts performance reports. Acts as the subject matter expert to make recommendations on appropriate laboratory safety practices and exposure control.
- Collaborates with principal investigators, safety designates, students, staff and contractors. Leads the development of guidelines, training content and standard operating procedures for the more complex or novel safety operations involving inhalation toxicity, chemical reactions under high pressure, highly reactive chemicals, hazardous energy lock-out, electrical safety, and engineered nanomaterials. Assists researchers with the management of chemical inventory processes.
- Under limited direction, develops contingency plans for emergency response and drills with all stakeholders. Serves as one of ORS's field deployed safety and health representatives and certified hazardous materials shippers.
- Reviews new regulatory requirements for applicability to research safety and assess the impact of new or proposed regulations on laboratory safety resource needs. Researches scientific publications and other academic safety programs for innovative approaches to safety operations and develops recommendations for improvements or simplification.
- Improves own professional skills through outreach, training and acquiring certification.
- Performs other duties as assigned.

Minimum Qualifications:

- Successful completion of a full course of study in an accredited college or university leading to a master's degree in chemistry, physics, biology, environmental science or equivalent and five or more years of relevant research safety experience.
- OR appropriate combination of education and experience.
- Must pass pre-employment physical screening. Fit to carry 50lbs, walk extensively, and be medically approved to wear chemical protective clothing including respirators. Must have no medical condition that would interfere with performing essential job functions.
- Must be able to respond to potential emergencies of the Evanston campus, off hours and weekends within one hour.
- Excellent interpersonal skills, ability to work with individuals from many cultural backgrounds and varying language skills.
- Demonstrated written and oral presentation skills, ability to keep careful records, complete assigned forms, follow up as necessary to meet identified needs.
- Self-motivated to work independently following established policies and procedures.

Preferred Qualifications:

- PhD degree in chemistry, physics, biology, environmental science or equivalent and three to five years' experience managing laboratory safety programs.

https://nuhr.northwestern.edu/psp/hr91prod_er/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_CE.GBL?Page=HRS_CE_JOB_DTL&Action=A&JobOpeningId=29372&SiteId=1&PostingSeq=1

The Chemistry Department of Johns Hopkins University, Baltimore, Maryland

(www.chemistry.jhu.edu) invites applications from outstanding individuals for two tenure-track faculty positions to begin July 1, 2017. Candidates in all areas of chemistry are encouraged to apply; for one of the positions applicants with a focus in biological chemistry broadly defined are of particular interest. Applicants at the Assistant and Associate Professor level are preferred but exceptional candidates at the Full Professor level will be considered. Applicants should submit a curriculum vitae, a statement of teaching interests and philosophy, and a description of research plans through Interfolio (<http://apply.interfolio.com/36258>). Evaluation of applications will begin on October 17, 2016. Applicants should send requests for recommendation letters from their Interfolio account to their three references. For questions about Interfolio, call (887) 997-8807 or email help@interfolio.com. Johns Hopkins University is committed to active recruitment of a diverse faculty and student body. The University is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans and individuals with disabilities and encourages applications from these and other protected group members. Consistent with the University's goals of achieving excellence in all areas, we will assess the comprehensive qualifications of each applicant.

The Department of Chemistry at Colorado State University, located in Fort Collins, CO, seeks to hire at least one tenure-track faculty member; exceptional candidates from all areas of chemical science are encouraged to apply. *

We aim to fill the position(s) at the Assistant Professor level, but will consider exceptional candidates at the Associate Professor rank. Candidates must hold a Ph.D. or equivalent degree and be capable of outstanding teaching, scholarship, and research. Postdoctoral experience is highly desirable. Complete applications must include a detailed CV, descriptions of research plans and teaching interests, and the names of at least three references.

For more information or to apply see <http://jobs.colostate.edu/postings/36614>. Questions regarding this search should be directed to the Chair of the Open-Area Faculty Search Committee, CHEM_search@mail.colostate.edu. Applications will be accepted until the positions are filled;

applications completed by 11:59 PM (MT) on November 1, 2016 will receive full consideration. Files of semifinalists, including reference letters, will be made available to all Chemistry Department regular faculty.

*Note: this is one of three ongoing junior-level searches in the Department, collectively encompassing all areas of chemistry. See <http://www.chem.colostate.edu> for more information.

CSU is an EO/EA/AA employer and conducts background checks on all final candidates.

The Department of Chemistry and Biochemistry at Santa Clara University is seeking a tenure-track assistant professor beginning Fall 2017 (pending availability of funding). Santa Clara University is a highly ranked Jesuit Catholic university with an ACS-approved undergraduate program and located in Silicon Valley. The successful candidate is expected to establish an externally funded and productive undergraduate research program in experimental biochemistry, contribute to departmental research and teaching objectives, and demonstrate the ability to teach biochemistry and general chemistry effectively.

Basic qualifications: A PhD and postdoctoral experience in biochemistry or a closely allied field is required, along with a strong commitment to teaching and undergraduate research. College teaching experience is highly desirable, and experience in teaching a diverse student population is preferred.

More details about the position and the application process can be found at:
<https://jobs.scu.edu/postings/4892>

Additional information on the Department of Chemistry and Biochemistry can be found on our website: <https://www.scu.edu/cas/chemistry/>. Inquiries about this position can be emailed to the search committee at ChemApp@scu.edu.

Application deadline is October 14, 2016.

The Northeastern Section of the American Chemical Society (NESACS) is inviting nominations for its prestigious Gustavus John Esselen Award for Chemistry in the Public Interest. This award is given annually to a chemical scientist, whose scientific and technical work has contributed to the public well-being and has thereby communicated the positive values of the chemical profession. The significance of this work should have become apparent within the five years preceding nomination. The awardee shall be a living resident of the United States or Canada at the time of the nomination.

There is no limitation to the field of chemistry. The selection committee focuses on the general public recognition of the work, as well as its scientific/technical significance.

The Award consists of a bronze medal and the sum of \$5,000. Travel expenses incidental to the conferring of the award will be reimbursed. The award will be presented at the April 2017 meeting of the Section. The Awardee is expected to deliver an address on the subject of the work for which the honor is conferred, or for work in progress which is also directed toward chemistry in the public interest.

Nominations should be submitted as a single pdf file including:

- a letter signed by the primary sponsor with a description of the nominee's work recognized as making a major contribution to the public welfare and as communicating positive values of the chemical profession, plus the names of two co-sponsors;
- short supporting co-sponsor statements;
- the nominee's professional biography including a list of no more than ten of the nominee's publications selected for their pertinence to the work nominated for recognition; and

- copies of popular and technical press news or feature articles indicative of public benefit and interest.

Nominations Are Due October 15, 2016 to karl@amgen.com with cc to JPiperGrady@gmail.com . Award recipients will be notified by February 1, 2017. More information can be found at: http://www.nesacs.org/awards_esselen.html

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.