

**2016 WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY**  
**EVANSTON, ILLINOIS**

October 3, 2016

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

Monday October 3<sup>rd</sup>:                    *Department of Chemistry Special Seminar:*  
   *Vincent Lavallo, UC Riverside*  
   Tech K140  
   11:00am – 12:00pm

*Department of Chemistry Seminar:*  
   *Yosuke Kanai, UNC Chapel Hill*  
   Ryan Hall 4003  
   4:00 – 5:00pm

Friday October 7<sup>th</sup>:                    *Basolo Medal Recipient:*  
   *Professor Susumu Kitagawa, Kyoto University*  
   Tech LR3  
   4:30-5:30pm  
   (refreshments at 4:15pm)

**BIP**

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

**Arrivals**

Nojoud Alfayez joined the Stoddart Group  
Nedah Alqattan joined the Stoddart Group  
Dhafer Alsalah joined the Stoddart Group  
Abdulaziz Bagabas joined the Stoddart Group  
Yao Chen joined the Facchetti Group  
Chengmei Zhong joined the Weiss Group

**Announcements**

**Calling all Chemistry students interested in Law, Business, & Technology!**

There is an increasing demand for individuals with scientific and technical training who can work in cross-functional roles in the space where law, business, and science/technology intersect. [The Master of Science in Law \(MSL\)](#) at Northwestern Pritzker School of Law is an innovative, one-year degree program designed exclusively for individuals trained in science, technology, engineering, math, or medicine. MSL students examine the interface of law, business, and science/technology; learn to communicate across disciplines; develop, protect, and manage intellectual property; bring ideas to market; and navigate the legal and regulatory structures that exist in STEM setting. Scholarships are available.

MSL students are well positioned to pursue careers as patent agents; patent coordinators; scientific advisors; regulatory strategists; compliance officers; scientific advisors; consultants; IP/patent portfolio

managers; business developers; business analysts; entrepreneurs; company intrapreneurs; government regulators; policy analysts; and more.

Want to know more about the MSL Program?

- [Join us for a webinar](#) October 6 at 12:00pm Central Time
- [Watch our video](#)
- [Listen to a podcast](#) featuring the co-architects of the MSL program
- Read this article: [New Northwestern Masters Program Aims to Connect Law, Entrepreneurship, and STEM](#)
- [Visit our website](#)
- Contact the Administrative Director directly: Susan Dennehy, [susan.dennehy@law.northwestern.edu](mailto:susan.dennehy@law.northwestern.edu)

## **Opportunities**

**The Department of Chemistry at Hendrix College** ([www.hendrix.edu/chemistry](http://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](mailto: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](http://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](mailto: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](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](mailto: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](mailto: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>

**The Department of Chemistry at Sam Houston State University, a member of The Texas State University System**, invites applications for a tenure track assistant professor position. We are seeking a Ph.D. chemist preferably with post-doctoral experience, whose duties will include research, and teaching undergraduate and graduate courses in organic chemistry. In addition to an ACS-certified B.S. and an M.S. program in Chemistry, the Department offers a B.S. in Forensic Chemistry. Send an application letter, resume, transcripts, research plans and three letters of recommendation to Dr. Richard E. Norman, Department of Chemistry, Sam Houston State University, Box 2117, Huntsville, TX 77341. Materials may also be submitted online at <http://shsu.peopleadmin.com/postings/201600050F> and interested candidates must complete online application. Review of application materials will begin October 3, 2016, and will continue until the position is filled. *Sam Houston State University is an Equal Opportunity/Affirmative Action Plan Employer and Smoke/Drug-Free Workplace.*

**The Department of Chemistry at Sam Houston State University, a member of The Texas State University System**, invites applications for a tenure track assistant professor position. We are seeking a Ph.D. chemist preferably with post-doctoral experience, whose duties will include research, and teaching undergraduate and graduate courses in analytical and environmental chemistry. In addition to an ACS-certified B.S. and an M.S. program in Chemistry, the Department offers a B.S. in Forensic Chemistry.

Send an application letter, resume, transcripts, research plans and three letters of recommendation to Dr. Richard E. Norman, Department of Chemistry, Sam Houston State University, Box 2117, Huntsville, TX 77341. Materials may also be submitted online at <http://shsu.peopleadmin.com/postings/201600051F> and interested candidates must complete online application. Review of application materials will begin October 3, 2016, and will continue until the position is filled. *Sam Houston State University is an Equal Opportunity/Affirmative Action Plan Employer and Smoke/Drug-Free Workplace.*

**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 Longang 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](mailto: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](mailto: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](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)

**Ithaca College** invites applications for a full-time, tenure eligible Assistant Professor position in Chemistry, to begin August 2017. The candidate is expected to establish an active research program in the realm of biochemistry with undergraduates and have a strong commitment to teaching introductory general chemistry and biochemistry classes. <https://ithaca.peopleadmin.com/postings/8581>

Position/Job Qualifications:

Ph.D. in chemistry, biochemistry, biophysical chemistry, or a closely related field is preferred; ABD with anticipated completion of Ph.D. by start date shortly thereafter may be considered. Previous teaching and/or post-doctoral experience desired. Successful candidates will demonstrate an ability to teach in ways that acknowledge and value the varied learning styles and interests of a culturally diverse student population, reflecting a commitment to encouraging the success of all students. We also seek candidates who have relevant experience and/or a record of professional engagement with groups and communities underrepresented in the academy. Candidates from underrepresented groups whose exclusion from the academy has been longstanding are strongly encouraged to apply.

EEO Statement

Ithaca College is committed to building a diverse academic community and encourages members of underrepresented groups to apply. Experience that contributes to the diversity of the college is appreciated.

Instructions for submitting your application:

Interested individuals should apply online at [ithaca.edu/jobs](http://ithaca.edu/jobs), and attach a cover letter, curriculum vita/resume, statement of teaching philosophy, statement of research interests, and scanned copies of undergraduate and graduate transcripts. Under separate cover, three letters of recommendation should be forwarded directly to: Anna Larsen, Chair, Department of Chemistry, Ithaca College, 953 Danby Rd, Ithaca NY 14850. Questions about the online application should be directed to the Office of Human Resources at (607) 274 8000. Review of applications will begin immediately. To ensure full consideration, complete applications should be received by October 10, 2016.

**The Department of Chemistry ([www.chem.umn.edu](http://www.chem.umn.edu)) at the University of Minnesota – Twin Cities** seeks to fill one or more tenure-track or tenured faculty positions beginning July 1, 2017 or later.

Applications will be accepted from candidates whose research interests are in any area of modern chemistry. Appointments will be made at a rank commensurate with the appointee's experience. Appointees will be expected to carry out vigorous programs of original research, to advise research students, to teach a broad range of undergraduate and graduate courses in the Department of Chemistry, and to participate in Departmental and University governance. Selection will be based on each candidate's record of previous accomplishments relevant to these responsibilities and potential for outstanding future contributions.

Appointees must have completed all requirements for the Ph.D. or equivalent foreign degree by the date of appointment. Evaluation of applications will begin October 1, 2016 and will continue until the positions are filled. Candidates should apply online at <http://z.umn.edu/tenuretrack2016> (tenure-track) or <http://z.umn.edu/tenured2016> (tenured) and include: cover letter, curriculum vitae, statement of research interests, statement on anticipated contributions to the teaching mission, brief statement on the ability to contribute to the department's commitment to diversity, and copies of undergraduate and graduate transcripts.

Candidates should also arrange to have three letters of recommendation sent as attachments to emails to [chemfs@umn.edu](mailto:chemfs@umn.edu) or as hard copies to: Faculty Search Committee, Department of Chemistry, University

of Minnesota, 207 Pleasant St. SE, Minneapolis, MN, 55455-0431. The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.

**The Chemistry Department of Johns Hopkins University, Baltimore, Maryland**

([www.chemistry.jhu.edu](http://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](mailto: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 Biochemistry at the University of California, Riverside** invites applications for a new tenure-track faculty position at the Assistant Professor level in any area of epigenetics but with an emphasis in understanding epigenetic mechanisms in vivo and their roles in human diseases. Areas of particular interest include (but are not limited to) epigenetic modifications in cancer, the intersection of metabolism and epigenetics, epigenetic mechanisms in stem cell biology, mammalian development, and/or aging. The position will build on existing campus strengths in genomics and epigenetics in different model organisms, including faculty with expertise in structural, molecular, and cellular biology who study epigenetic coregulators and modifications of chromatin structure, non-coding RNAs, transcription regulation, or DNA repair in the context of metabolism, stem cell biology, cancer, neuroscience and aging.

The successful candidate will have a record of original research accomplishments in epigenetics and is expected to have expertise in the use of animal models, including genetically modified animals, to study epigenetic mechanisms during normal development and/or in disease. The successful candidate will have had some experience in grant writing and will be expected to develop a vigorous, independent, and internationally recognized research program that is able to attract extramural funding; s/he will also develop and teach graduate and undergraduate courses, advise and mentor graduate and undergraduate students, and engage in service activities. A competitive start-up package will be provided, with salary commensurate with education and experience. The position is available July 1, 2017. A Ph.D., M.D., or equivalent degree in biochemistry, molecular, or cellular biology, or a related field is required, as well as postdoctoral experience. Interested individuals should send a cover letter, a full curriculum vitae, a description of proposed research, a statement of teaching philosophy, statement of contributions to diversity, and arrange for at least three letters of reference to be provided. Application materials must be submitted through <http://aprecruit.ucr.edu/apply/JPF00635>. Review of applications will begin on October 7, 2016. Applications will be accepted until the position is filled. Advancement through the faculty ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

For more information about the position, please contact Dr. Ernest Martinez, Department of Biochemistry, University of California, Riverside; ([ernest.martinez@ucr.edu](mailto:ernest.martinez@ucr.edu)) . For questions on

application procedures and requirements, please contact Margi Burnett, Academic Personal, at [margi.burnett@ucr.edu](mailto:margi.burnett@ucr.edu). Additional information about the Department of Biochemistry can be found at: <http://biochemistry.ucr.edu>, and for the campus, visit <http://www.ucr.edu>.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

**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](mailto: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 at Colorado State University**, located in Fort Collins, CO, seeks to hire at least one tenure-track faculty member. While exceptional candidates from all areas of chemical science are encouraged to apply, those with research interests in soft materials are of particular interest.\*

We aim to fill this position 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/36719>. Questions regarding the searches should be directed to Chair, Faculty Search Committee, [CHEM\\_search\\_a@mail.colostate.edu](mailto:CHEM_search_a@mail.colostate.edu). Applications will be accepted until the positions are filled; applications completed by 11:59 PM (MT) on October 3, 2016 will receive full consideration. Files of semifinalists (including reference letters) will be 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](mailto: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](mailto:karl@amgen.com) with cc to [JPiperGrady@gmail.com](mailto: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](http://www.nesacs.org/awards_esselen.html)

**The Georgia Institute of Technology, School of Chemistry and Biochemistry** seeks to fill one or more tenure-track faculty positions. Candidates from all areas will be considered, with opportunities for joint appointments in other departments of science and engineering to facilitate interdisciplinary research and

scholarship. Exceptional candidates at all levels are encouraged to apply. Candidates for appointment at the assistant professor level should submit an application letter, curriculum vitae, summary of research plans, description of teaching interests and philosophy, and arrange for submission of three letters of reference. Candidates at advanced levels should submit an application letter, curriculum vitae, and a brief description of research plans (particularly if future plans differ significantly from past efforts). All materials and requests for information should be submitted electronically, as per the instructions found at:

<https://academicjobsonline.org/ajo/jobs/7626>

The application deadline is October 1, 2016 with application review continuing until the positions are filled. Georgia Tech is an equal education/employment opportunity institution.

**The University of Nevada, Reno Department of Chemistry** is seeking candidates to fill a tenure-track position at the Assistant Professor Level in Inorganic Materials Chemistry (i.e. Bio(inspired)-materials, polymer research, soft materials, solid state chemistry, etc). In addition to developing an active research program in inorganic chemistry, the successful candidate will also be expected to contribute to the teaching mission of the University, and therefore must be able to teach undergraduate and graduate courses in the inorganic division. For more information about the department and its programs potential candidates should visit the website at [www.unr.edu/chemistry](http://www.unr.edu/chemistry)

More information about the position and how to apply can be found at [www.unrsearch.com/postings/21505](http://www.unrsearch.com/postings/21505)

Application review will begin October 9, 2016.

**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](mailto: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](http://www.nationalacademies.org/rap).