

2014 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
September 15, 2014

Friday September 19th: *Special Safety Colloquium presented by John S. Winn,*
 Dartmouth College, NH
 Tech LR3
 4:00 – 5:00pm

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

Announcements

Upcoming campus recruiting:

September 15 -16 PPG
September 18 – 19 Chemir (information session on September 18)
September 24 – 26 Dow

BIP

Meets every Friday at 3:00pm in Tech K140

Arrivals

Takamichi Yokoyama joined the Kanatzidis Group

Opportunities

The Department of Chemistry and Biochemistry at Southern Illinois University, Carbondale seeks applicants for one or more tenure-track faculty positions at the Assistant Professor level, specializing in Analytical and/or Inorganic/Materials chemistry. The Department offers Ph.D., M.S., B.S. and B.A. degrees in various specializations. Successful candidates will be expected to develop and maintain a vigorous externally-funded research program, mentor graduate and undergraduate researchers, and teach at both the undergraduate and graduate levels (particularly courses in analytical or inorganic chemistry). The successful candidate will join a young and interdisciplinary Department that has enjoyed continued success in obtaining major (NIH/NSF/DOE) federal funding, including 8 NSF CAREER Awardees since 2000.

A Ph.D. in chemistry, biochemistry, or closely related field, at least one year of postdoctoral research experience, and a strong record of publications in both Ph.D. and postdoctoral studies are required. All applicants should submit a letter of application (in which the specialty area applied for is specified), curriculum vitae, a brief statement of research plans (~5-7 pages), a statement of teaching philosophy and interests, and should arrange for three letters of reference to be mailed or sent directly to chemapp@chem.siu.edu (electronic submissions, with all attachments in .pdf format, strongly preferred).

Alternatively, applications may be submitted to: Faculty Search Committee, Department of Chemistry & Biochemistry, Mail Code 4409, Southern Illinois University Carbondale, 1245 Lincoln Drive, Carbondale, IL 62901. Review of applications will commence September 15, 2014 and continue until the position is filled.

SIU Carbondale is an Affirmative Action/Equal Opportunity employer of individuals with disabilities and protected veterans that strives to enhance its ability to develop a diverse faculty and staff and to increase its potential to serve a diverse student population. All applications are welcomed and encouraged and will receive consideration.

The Department of Chemistry and Biochemistry at Baylor University invites applications for an Assistant Professor level tenure-track Analytical faculty to begin August 2015.

Candidates will be evaluated based on (i) their potential and/or existing track record in developing an internationally recognized, externally funded research program and (ii) their desire to excel as a teacher at both the undergraduate and graduate levels. Preference will be given to applicants with demonstrated experience and continued interest in solving problems at the interface of the chemical and biological sciences.

Submit applications in a single PDF file in the following order: cover letter, curriculum vitae, research plans and estimated start-up costs, official Ph.D. transcripts, and contact information for three references. Applications will be reviewed beginning 10/30/2014 and will be accepted until the position is filled. All correspondence should be directed to Touradj Solouki, Search Committee Chair, Department of Chemistry and Biochemistry, Baylor University, One Bear Place #97348, Waco, TX 76798; materials may be submitted electronically to Barbara_Rauls@baylor.edu

Baylor is the world's largest Baptist University and aspires to become a top-tier research university while reaffirming and deepening its distinctive Christian mission as described in *Pro Futuris* (<http://www.baylor.edu/profuturis/>). Baylor's mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment with a caring community.

Baylor is a Baptist university affiliated with the Baptist General Convention of Texas. As an AA/EEO Employer, Baylor encourages minorities, women, veterans and persons with disabilities to apply.

College of Natural Sciences and Mathematics, Department of Chemistry and Biochemistry at California State University, Long Beach has a Tenure-Track Position Opening for an Assistant/Associate Professor of Analytical Chemistry effective August 17, 2015 (Fall Semester)

MINIMUM QUALIFICATIONS: Ph.D. in analytical chemistry, chemistry, or closely related discipline. Degree at time of application or official notification of completion of the doctoral degree by August 1, 2015. Strong record of research productivity; demonstrated potential for developing and sustaining an independent externally funded research program involving undergraduate and graduate (MS) students leading to peer-reviewed publications; potential for effective teaching in analytical chemistry. Demonstrated commitment to working successfully with a diverse student population.

DESIRED/PREFERRED: Post-doctoral research experience; preference will be given to candidates who can complement research interests of existing faculty and/or utilize existing instrumentation.

DUTIES: Teach undergraduate lecture and laboratory courses in analytical and general chemistry and graduate level courses in the area of specialty; supervise undergraduate and graduate student research; develop and sustain an independent and externally funded research program involving undergraduate and graduate students leading to publications; participate in activities serving the department, college, university, and community.

CSULB seeks to recruit faculty who enthusiastically support the University's strong commitment to the academic success of all of our students, including students of color, students with disabilities, students who are first generation to college, veterans, students with diverse socio-economic backgrounds, and students of diverse sexual orientations and gender expressions. CSULB seeks to recruit and retain a diverse workforce as a reflection of our commitment to serve the People of California, to maintain the excellence of the University, and to offer our students a rich variety of expertise, perspectives, and ways of knowing and learning.

REQUIRED DOCUMENTATION:

- A Student Success Statement about your teaching or other experiences, successes, and challenges in working with a diverse student population (approximately one page)
- Letter of application addressing the minimum and desired/preferred qualifications
- CV (including current email address)
- Research proposal involving lab, major instrumentation and start-up needs
- Statement of teaching philosophy
- Three to five current letters of recommendation independently provided by references
- Copy of transcript from institution awarding highest degree
- Finalists will also be required to submit a signed SC-1 form, and an official transcript

Electronic files from applicants and reference letters should be sent to chemsearch4@csulb.edu

Requests for information should be addressed to:

Dr. Chris Brazier, Interim Chair
California State University, Long Beach
Department of Chemistry and Biochemistry
1250 Bellflower Boulevard
Long Beach, CA 90840-9507

E-Mail: chemsearch4@csulb.edu

APPLICATION DEADLINE: Review of applications to begin October 13th, 2014
Position opened until filled (or recruitment canceled)

CSULB is committed to creating a community in which a diverse population can learn, live, and work in an atmosphere of tolerance, civility and respect for the rights and sensibilities of each individual, without regard to race, color, national origin, ancestry, religious creed, sex, gender identification, sexual orientation, marital status, disability, medical condition, age, political affiliation, Vietnam era veteran status, or any other veteran's status. CSULB is an Equal Opportunity Employer.

The Department of Chemistry at the George Washington University is actively soliciting nominations and applications for a tenured or tenure-track faculty position of Associate or Assistant Professor of Chemistry beginning 2015-2016 in Inorganic Chemistry. The search is open to all areas of inorganic chemistry including research interests in energy and/or environmental chemistry and materials/biomaterials chemistry, and that complement the existing strengths of the Department. The successful candidate is expected to advance the vision of the University and the Department as a leading urban research University and to maintain an active, externally funded research program. A demonstrated commitment to excellence in teaching at the graduate and undergraduate level is expected. Rank and contractual status will be commensurate with experience.

In addition to offering B.S., M.S. and Ph.D. degrees in Chemistry, our dynamic faculty of 16 has cooperative programs with the George Washington University Medical Center and Biological Sciences (an Institute for Proteomics Technology and Applications), Engineering and Physics (an Institute for Materials Science and

Institute for Nanotechnology) and the GW Solar Institute. Furthermore, under the leadership of the Vice President for Research, the University has created several prominent Research Institutes. In January the Department will move into a new 250,000 ft² state-of-the-art Science and Engineering Hall, containing a state-of-the-art imaging suite and nanofabrication/cleanroom facility. The presence of a number of prestigious research laboratories, such as the National Institutes of Health, Naval Research Laboratory, Children's National Medical Center, National Institute of Standards and Technology, the Carnegie Institution of Washington (Geophysical Laboratory), and the Food and Drug Administration, all in the area, also provides unique opportunities for cooperative research programs. The University is located in downtown Washington, D.C. within a few blocks of many important institutions.

We are especially interested in attracting applications from women and people of color. In calling this position to your attention, we are inviting your active participation in sharing this information with prospective applicants by either encouraging an application or sending a nomination to me. Such individuals may currently be in your organization or elsewhere. *The university is an Equal Employment Opportunity/Affirmative Action employer that does not unlawfully discriminate in any of its programs or activities on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity or expression, or on any other basis prohibited by applicable law.*

Basic Qualifications: A Ph.D. or equivalent degree. Application Procedure: Complete an online faculty application at <http://www.gwu.jobs/postings/23437> and upload a cover letter, curriculum vita, publication list, and statements of research and teaching interests. Recommendations from at least three references should be sent by the references to gwchem@gwu.edu. Only complete applications will be considered. Review of applications will begin October 8, 2014, and will continue until the position is filled. You are invited you to call and discuss this opportunity at GW or forward this letter or a copy of our ad to someone you know who may be an appropriate candidate. You may reach the department by e-mail at gwchem@gwu.edu or by calling 202-994-6121.

The Department of Chemistry at The University of Alabama seeks an outstanding individual with expertise in materials chemistry to fill a tenure track position at the Assistant Professor rank beginning August 16, 2015. The successful candidate is expected to have a Ph.D. and post-doctoral training in chemistry or closely related discipline and to develop a vigorous, externally funded research program. The ability to teach both undergraduate and graduate chemistry courses is required. The area of research is open, but areas complementary to existing interdisciplinary programs at The University in alternative energy or sustainability are of particular interest. The Department (<http://chemistry.ua.edu>) and the campus Central Analytical Facility (<http://caf.ua.edu>) offer state-of-the-art facilities for materials characterization. Applicants should apply online at <https://facultyjobs.ua.edu/postings/35821> and provide a curriculum vitae with publication list, research plans, and teaching philosophy statement and arrange for three letters of reference to be sent to the Chair, Materials Chemistry Search Committee, Department of Chemistry, Box 870336, The University of Alabama, Tuscaloosa, AL 35487 or sent electronically to chemistry@as.ua.edu. Review of applications will begin October 1 and continue until the position is filled.

Applications from women and members of traditionally under-represented groups in chemistry are especially encouraged.

The University of Alabama is an Equal Opportunity/Equal Access Employer and actively seeks diversity among its employees.

The Department of Chemistry at The University of Alabama seeks an outstanding individual with expertise in chemical biology to fill a tenure track position at the Assistant Professor rank beginning August 16, 2015. The successful candidate is expected to have a Ph.D. and post-doctoral training in chemistry or closely related discipline and to develop a vigorous, externally funded research program. The ability to teach both undergraduate and graduate chemistry courses is required. The area of research is open, but areas

complementary to existing research efforts at The University are of particular interest. Detailed information about the Department and its state-of-the-art facilities can be found at <http://chemistry.ua.edu>. Applicants should apply online at <https://facultyjobs.ua.edu/postings/35822> and provide a curriculum vitae with publication list, research plans and teaching philosophy statement and arrange for three letters of reference to be sent to the Chair, Chemical Biology Search Committee, Department of Chemistry, Box 870336, The University of Alabama, Tuscaloosa, AL 35487 or sent electronically to chemistry@as.ua.edu. Review of applications will begin October 1 and continue until the position is filled.

Applications from women and members of traditionally underrepresented groups in chemistry are especially encouraged.

The University of Alabama is an Equal Opportunity/Equal Access Employer and actively seeks diversity among its employees.

The Department of Chemistry at Washington University in St. Louis seeks to make a faculty appointment to begin in the fall of 2015 in bioorganic, polymer, or biomaterials chemistry, broadly defined. The position is available at the assistant-professor level. The duties of the position include teaching assigned courses, including organic chemistry at the second-year undergraduate level, applying successfully for extramural research grants, conducting research, publishing research results in peer-reviewed journals, advising students, performing assigned committee work, and participating in appropriate university service. The development and maintenance of an outstanding research program and excellence in the teaching of core chemistry courses at the undergraduate and graduate levels are required. Candidates must have a Ph.D. or equivalent doctoral degree at the time of appointment.

Applications should consist of a curriculum vitae and one or more concise research proposals. These documents are to be submitted in **electronic form** as PDF (portable document format) files to chemsearch@wustl.edu with the following in the subject line: "Bioorganic, Polymer, or Biomaterials Chemistry Position." Applicants should also arrange for three letters of reference to be sent to chemsearch@wustl.edu, with signed originals sent to:

Chemistry Faculty Search Committee
Department of Chemistry, Washington University
One Brookings Drive, Campus Box 1134
St. Louis, MO 63130-4899
[FAX no. (314) 935-4481]

Completed applications for the position must be received by **15 October 2014** to ensure inclusion in the initial review. However, applications received later will also be considered until the search is concluded.

Washington University is an equal-opportunity, affirmative-action employer. Individuals from underrepresented groups are especially encouraged to apply.

The Department of Chemistry at the University of Minnesota–Twin Cities is conducting an area open search to fill one or more tenure-track faculty positions. Our department is vibrant, collegial, and committed to cutting edge multidisciplinary research and teaching. We would especially like to include candidates from your esteemed institution in our consideration. The search is open to applicants from all areas of modern chemistry at all ranks. Successful candidates 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 13, 2014 and will continue until the

positions are filled. Candidates should apply electronically to <http://z.umn.edu/ttrack2014> (tenure-track) or <http://z.umn.edu/tenured2014> (tenured) and include the following: a cover letter, a curriculum vitae, a statement of overall research interests, a statement addressing anticipated contributions to the research and teaching missions of the department, and copies of their undergraduate and graduate transcripts. Candidates should also arrange to have three letters of recommendation sent as attachments to emails to 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 Chemistry Department of Macalester College invites applications for a tenure-track position in organic chemistry at the assistant professor level to begin in the fall of 2015. A Ph.D. is required and post-doctoral experience in either an academic or an industrial setting is preferred. We are particularly interested in candidates with expertise in polymers or materials science. We seek applicants who are committed to excellence both in teaching and in engaging undergraduates in research. The successful candidate will be expected to teach classes in organic chemistry every semester, regularly offer advanced elective courses, periodically offer courses appropriate for non-science majors and the College's First-Year Seminar program, and develop a research program that leads to publications with student co-authors and that attracts external funding. To apply, upload an application letter, curriculum vitae, and statements of teaching philosophy and research plans to www.academicjobsonline.org. Also arrange for undergraduate and graduate transcripts and three letters of reference to be uploaded to the same web site. Address questions to Professor Keith T. Kuwata, Chair, (kuwata@macalester.edu, 651-696-6768). Applications received by 15 October 2014 will receive full consideration.

Macalester College is a highly selective, private liberal arts college in the vibrant and diverse Minneapolis-Saint Paul metropolitan area, which has a population of approximately three million and is home to numerous colleges and universities, including the University of Minnesota. Macalester's diverse student body comprises over 1900 undergraduates from 49 states and the District of Columbia and over 90 nations. The College maintains a longstanding commitment to academic excellence with a special emphasis on internationalism, multiculturalism, and service to society. We are especially interested in applicants dedicated to excellence in teaching and research/creative activity within a liberal arts college community. As an Equal Opportunity employer supportive of affirmative efforts to achieve diversity among its faculty, Macalester College strongly encourages applicants from women and members of underrepresented minority groups.

The Department of Chemistry at the University of Rochester (NY) invites applications for one position in the area of inorganic chemistry, broadly defined, and one position in the area of theoretical chemistry, broadly defined. This search is primarily for candidates at the junior level, but exceptional senior candidates can also be considered. Candidates are expected to establish an outstanding program of original research and to be effective teachers at the graduate and undergraduate levels. Application materials are to be submitted online at <https://www.rochester.edu/fort/chm/>. Materials to be submitted must include a *curriculum vitae* indicating graduate and postdoctoral advisors, a statement of research plans and a statement of teaching interests. Junior candidates will also enter the names and email addresses of three references. The references will be notified by email with instructions for online submission of letters. The department will solicit letters for senior candidates. Review of complete applications will begin on October 15, 2014. Questions may be sent to facrec@chem.rochester.edu. The University of Rochester has a strong commitment to diversity and actively encourages applications from groups underrepresented in higher education. The University is an Equal Opportunity Employer.

The Department of Chemistry at the University of California, Irvine invites applications from outstanding individuals for a tenure-track position at the Assistant Professor level in the broad field of Inorganic Chemistry. Candidates must have a PhD in Chemistry or a related field; postdoctoral experience is desirable. The position requires both the establishment of a vigorous research program involving any aspect of inorganic chemistry, and a strong commitment to excellence in teaching at both the undergraduate and graduate levels.

Applications must be submitted electronically via the Internet at <http://recruit.ap.uci.edu/apply/JPF02554>. Applicants should upload a cover letter, a curriculum vita (including a publication list), and a concise statement of proposed research. A separate statement that addresses past and/or potential contributions to diversity, equity and inclusion should also be included in the application materials. At least three letters of recommendation are required. Applications and supporting materials should be received by October 15, 2014 for full consideration.

The University of California is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.

Huntsman Cancer Institute (HCI) in conjunction with the Department of Medicine, Division of Medical Oncology, and the Department of Medicinal Chemistry of the Skaggs Pharmacy Institute, at the University of Utah, invite applications for a tenure-track faculty position, at the rank of assistant professor. We are searching for talented investigators with the potential to develop outstanding research programs in the area of medicinal chemistry directed toward cancer therapeutic discovery. In addition to their academic interests, the successful candidate is expected to develop programs that will result in new commercial activities.

Huntsman Cancer Institute is an NCI-designated cancer center and a member of the National Comprehensive Cancer Network. HCI has a strong history of academic achievement and a commitment to excellence in service, teaching, and research, including laboratory, clinical, and population sciences. Sunil Sharma, MD, FACP, serves as the Chief of the Division of Medical Oncology in the Department of Medicine, and as Senior Director of Clinical Research and Director of the Center for Investigational Therapeutics at Huntsman Cancer Institute.

This position will be part of HCI's Center for Investigational Therapeutics, which is a transdisciplinary program for development of novel cancer therapeutics. It is anticipated that the new hire will work closely with translational cancer researchers and have dual appointments in the Department of Medicinal Chemistry and the Division of Medical Oncology. For more information, visit www.huntsmancancer.org, www.utahinternalmedicine.org, and www.pharmacy.utah.edu/medchem

The position is also part of the Utah Science, Technology, and Research Initiative (USTAR), which was funded by the Utah Legislature to attract focused teams of outstanding researchers who have the potential to build major fundamental research programs that will lead to the commercialization of new technologies and/or build new industries for Utah. Information about the USTAR initiative and past hires can be found at www.ustar.utah.edu.

Candidates should submit a cover letter, a complete curriculum vitae, and a statement of research plans. The names of at least three references should be included in the submitted documents. Review begins immediately and continues until the position is filled or the search is closed.

Huntsman Cancer Institute
Attn: Recruitment Office, Room 5363
2000 Circle of Hope, Salt Lake City, UT 84112-5550 Email: hci.recruitment@hci.utah.edu

Or, to apply online, please visit the following link: <http://utah.peopleadmin.com/postings/33295>

The Department of Chemistry and Chemical Biology at Cornell University is searching for tenure-track faculty member at the Assistant Professor level. Outstanding candidates with research interests in inorganic, materials, organic, and theoretical chemistry are encouraged to apply. A Ph.D. degree is required, and postdoctoral experience is preferred.

Application materials should be submitted electronically to Academic Jobs Online at <https://academicjobsonline.org/ajo/jobs/4364>. Applicants should submit a curriculum vitae, graduate transcript, separate statements of research experience, proposed research, and teaching interests, and have at least three letters of recommendation submitted. The cover letter should clearly specify which sub-discipline listed above best describes the applicant's proposed research program along with one area of secondary interest. **The deadline for submitting applications is October 15, 2014.** Please direct questions to chemfacsearch@cornell.edu

Diversity and Inclusion are a part of Cornell University's heritage. We are an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities. We actively encourage applications of women, persons of color, and persons with disabilities.

The Chemistry Department at Pomona College, a member of the Claremont Colleges, invites applications for a tenure-track position at the level of Assistant Professor in the area of Inorganic Chemistry beginning July 1, 2015. Candidates must have a Ph.D. and postdoctoral experience. Teaching responsibilities will include coursework in inorganic chemistry and either general or organic chemistry. The appointee will be expected to initiate and sustain an externally funded research program that involves the participation of undergraduates. Applicants should supply a letter of interest, curriculum vitae, undergraduate and graduate transcripts, a statement of teaching philosophy and interests, a summary of research plans, a statement describing a demonstrated ability to mentor a diverse student body, and arrange for three letter of reference to be submitted via <https://academicjobsonline.org/ajo/job/4281>. Review of completed applications will begin October 1, 2014. The Chemistry Department supports equal access to higher education and values working in a richly diverse environment. The successful candidate will have had experience working with students from diverse backgrounds and a demonstrated commitment to improving higher education for underrepresented students.

Abbe Center of Photonics at Friedrich-Schiller-Universität Jena, Germany is searching for a Junior Research Group Leader (m/f).

The appointee is expected to establish an independent research group at the Abbe Center of Photonics. Being an interfaculty center of the university, the Abbe Center of Photonics runs a competitive research and education program in fundamental and applied photonics science embedded in a one-of-a-kind research infrastructure. This is an open topic call focusing on the excellence of early career scientists. The university encourages an increase in the number of women in leading positions in science, and therefore women are especially encouraged to apply. As such the position will be filled under the condition of being financed by the Pro-Excellence program issued by the State of Thuringia with the aim to strengthen gender equality in science. The appointee will receive funding of up to 600.000 EUR for up to five years which should be used to finance his/her own salary and the start of an independent research program. The salary is based on qualification and experience according to state regulations (TV-L). Further funds can be accessed on a competitive basis. In addition, the junior research group will be given access to lab and office space as well as equipment in the center's new top-notch research building. The earliest start of the appointment is January 1st, 2015, and it is limited to December 31st, 2019.

The candidates should already have documented their potential for excellent science by an outstanding quality of their Doctorate/PhD research in optics and photonics. Furthermore, they should demonstrate the ability to supervise students and their leadership potential to run a research team. A successful postdoc period is highly appreciated. Knowledge of German is an advantage, but due to the international character of the center not strictly necessary.

Besides the standard documents, applications should include the contact details of three referees supporting the application, a filled-in application form (download at www.acp.uni-jena.de/career), and a detailed description of the proposed research program indicating also the networking and contribution to the established fields of the

Abbe Center of Photonics. Applications quoting reference no. 143/2014 should be sent by email to acp@uni-jena.de before October 19, 2014.

Applications of handicapped people will be given preference in the selection among equivalently qualified competitors.

For further information, please contact Dr. Christian Helgert (christian.helgert@uni-jena.de) and refer to www.acp.uni-jena.de.

The Department of Chemistry at the University at Buffalo invites applications for a tenure-track faculty position in organic/inorganic chemistry at the Assistant Professor level. Preference will be given to applicants with research interests in any of the following experimental areas: development of new synthetic methods, bioorganic chemistry, organometallic chemistry, bioinorganic chemistry or the synthesis of organic- and/or bio-inspired materials. Use of sustainability concepts, where appropriate, is encouraged. Applicants must have a Ph.D. in chemistry (or a closely related field) with the appropriate experience to vigorously pursue their chosen area of research. The potential to engage in collaborative research is desirable. An assistant professor is expected to develop a vigorous, externally funded research program, to be committed to teaching at undergraduate and graduate levels, to mentor students, and to serve the department, university, and discipline.

Applicants should upload their application package (in PDF format) to <https://www.ubjobs.buffalo.edu/applicants/Central?quickFind=57368> including: a cover letter, Curriculum Vitae, teaching statement, research proposals (5 page limit), and names and contact information (including address, email, phone numbers) for three references. References will be contacted with a request to submit letters online at www.UBJobs.buffalo.edu

Review of applications will begin on October 1, 2014 and continue until the position is filled. Questions may be addressed to iosearch@buffalo.edu.

The University at Buffalo is an Affirmative Action / Equal Opportunity Employer and in keeping with our commitment, encourages women, minorities, persons with disabilities and veterans to apply

The Department of Chemistry at the University California, Davis invites applications for a Lecturer with Potential for Security of Employment (PSOE) (which parallels the position of an assistant professor on track for tenure) or Lecturer with Security of Employment (SOE) (which parallels a tenured professorial appointment). The primary focus of this position is coordination and academic integration of the courses and laboratories within the undergraduate curriculum in chemistry, with a preference for the first year chemistry sequence.

- PSOE candidates should possess a Ph.D. in chemistry or equivalent field, a proven record of excellence in teaching, and the intent to pursue creative activities.
- SOE candidates should possess a Ph.D. in chemistry or equivalent field, an extensive proven record of excellence in teaching, and documented creative activities.

All candidates should possess innovative ideas for instructional initiatives and familiarity with existing learning assessment methodologies and pedagogies.

As a member of the Academic Senate, the successful candidate will be a primary resource for undergraduate curriculum development and will participate in university and departmental committees as needed for effective teaching and safety enforcement. The successful candidate will collaborate with faculty conducting chemical education research, provide coordination for evidence-based teaching methods and be a resource for innovative teaching practices.

Further information on the Department is found at: <http://chemistry.ucdavis.edu/>. The deadline for full consideration is October 1, 2014. Applications should be submitted here:

<https://recruit.ucdavis.edu/apply/JPF00330>. The University of California is an affirmative action/equal opportunity employer.

Please contact Delmar Larsen (dlarsen@ucdavis.edu) if additional information regarding this position is desired.

The Department of Chemistry in the Division of Mathematical and Physical Sciences and the Department of Biochemistry & Molecular Medicine in the School of Medicine seek to fill a joint tenured or tenure-track professorial position in the area of Chemical Biology involving research in biological chemistry that can translate into biomedical research applications.

Candidates must possess the degree of PhD, MD/PhD or equivalent and show exceptional scientific creativity and productivity. The successful *tenured* candidate will be expected to maintain a high quality extramurally funded research program, demonstrate excellence in the teaching of graduate, undergraduate, and medical students, and possess a strong commitment to providing service to the department, university, and professional communities. The successful *tenure-track* candidate will be expected to demonstrate interest, and the potential to achieve such a record, in the areas of research, teaching and service.

Fields of particular interest include but are not limited to molecular imaging, theranostics, and new chemistry for biomedical science.

Further information on the Chemistry Department is linked at: <http://chemistry.ucdavis.edu/>
Interested candidates should upload a cover letter, curriculum vitae, names and addresses of three references, statement of research and a statement of teaching to: <https://recruit.ucdavis.edu/apply/JPF00334>
This position will be "Open Until Filled", but for full consideration applications should be completed by October 31, 2014. The University of California is an Equal Opportunity/Affirmative Action Employer.

The Hope College Chemistry Department invites applications for a tenure-track position at the Assistant Professor level to begin in Fall 2015. Candidates must have a Ph.D. and postdoctoral experience in biochemistry and/or chemistry. Primary teaching responsibilities will be in the biochemistry and organic chemistry programs. The Chemistry Department (www.hope.edu/academic/chemistry) is a national leader in undergraduate research. The development of a strong, externally-funded, experimental research program involving undergraduate students is expected. Start-up funds will be provided.

Please submit a cover letter, curriculum vitae, description of research plans, and statement of teaching philosophy and competencies to Dr. Jeffrey B. Johnson, Search Committee Chair. All materials are to be submitted electronically to www.hope.edu/employment/faculty. A review of all completed applications will begin October 1. A subset of candidates will be asked to submit original undergraduate and graduate transcripts, three letters of recommendation, and a statement describing their fit to the mission of Hope College in mid-October.

Hope College is a Christian coeducational, residential liberal arts undergraduate college affiliated with the Reformed Church in America; has over 3,000 students and approximately 250 FTE faculty; is a member of the Great Lakes Colleges Association; is accredited by NCA, ACS, ASBMB, NASAD, NASD, NASM, NAST, CCNE, CSWE, EAC of ABET, TEAC and CAATE. The college is located in Holland, Michigan, an attractive city of 35,000 near the shores of Lake Michigan, enriched by a significant Latino population and growing Asian and African American populations in a rapidly growing urban area of over 100,000, within short driving distance of Grand Rapids and relatively close to Ann Arbor and Chicago. The mission of Hope College is to educate students for lives of leadership and service in a global society through academic and co-curricular programs of recognized excellence in the liberal arts and in the context of the historic Christian faith. Additional information about Holland, Hope College, and the Chemistry Department can be found at www.hope.edu/academic/chemistry/openings/bio-organic.pdf.

Hope College places a high priority on sustaining a supportive environment that recognizes the importance of having a diverse faculty and staff in order to best prepare our students for successful careers in our multi-cultural

nation and global community. Applications from persons with diverse backgrounds and cultures, including women and persons of color are, therefore, welcomed. Hope College complies with federal and state requirements for nondiscrimination in employment.

The Bowdoin College Chemistry Department and Biochemistry Program seek applicants for an appointment in physical biochemistry / biophysical chemistry (broadly defined) beginning Fall 2015. A Ph.D. in chemistry, biochemistry or a related field is required. The tenure track or tenured joint appointment to Chemistry and Biochemistry will be made at the Assistant, advanced Assistant or Associate professor level, depending on qualifications and experience.

The teaching load is three courses per year, which includes responsibility for teaching a thermodynamics course appropriate for chemistry and biochemistry majors. Other courses will include contributions at the introductory level and courses at any level that will contribute to the curricula of the chemistry and biochemistry majors. Full-time laboratory instructor support is provided for most courses. The successful candidate must possess a strong commitment to undergraduate education and demonstrate the potential to develop a funded, active, and productive research program that involves undergraduates, especially those interested in biochemistry.

Bowdoin College accepts only electronic submissions. Please visit <https://careers.bowdoin.edu> to submit a cover letter, curriculum vitae, a statement of research plans, a statement on teaching philosophy and contact information for three people to provide letters of recommendation.

Review of applications, including letters of recommendation, will begin October 6, 2014.

A highly selective liberal arts college on the Maine coast with a diverse student body made up of 31% students of color, 5% international students and approximately 15% first generation college students, Bowdoin College is committed to equality and diversity and is an equal opportunity employer. We encourage inquiries from candidates who will enrich and contribute to the cultural, socio-economic, and ethnic diversity of our college. Bowdoin College does not discriminate on the basis of age, race, creed, color, religion, marital status, gender, sexual orientation, veteran status, national origin, or disability status in employment, or in our education programs.

Bowdoin College offers strong support for faculty research and teaching. We recognize that recruiting and retaining faculty may involve considerations of spouses and domestic partners. To that end, where possible, the College will attempt to accommodate and respond creatively to the needs of spouses and partners of members of the faculty. For further information about the College please visit our website: <http://www.bowdoin.edu/chemistry>.

Elon University and the Department of Chemistry invite applicants for a tenure-track Assistant Professor position in Inorganic Chemistry beginning August 2015. The position is opened for all areas of Inorganic Chemistry, but seeks candidates whose interests include bioinorganic, organometallics, materials or nanotechnology. A Ph.D. in Inorganic Chemistry or closely-related area is required and post-doctoral experience is preferred. Successful candidates must demonstrate the potential for excellence in undergraduate teaching and the commitment to sustained research involving undergraduate students. Teaching responsibilities include Inorganic Chemistry, General Chemistry I and II, and the associated lab courses along with the development of courses for non-majors. Additional upper-level elective courses may be possible depending on faculty expertise. Further, all tenure-track faculty members are expected to contribute to Elon's Core Curriculum. Elon is a dynamic private, co-educational, comprehensive institution that is a national model for actively engaging faculty and students in teaching and learning. To learn more about Elon, please visit us at www.elon.edu

Candidates must submit a PDF file via email to include the following documents for full consideration:

- A statement of interest in the position
- A complete curriculum vitae
- A summary (one page) of proposed research
- Detailed description of planned research (< 5 pages) with instrument needs and plans to include undergraduates
- A statement of teaching philosophy
- Unofficial undergraduate and graduate transcripts

Send the above information and three letters of recommendation to: Dr. Daniel Wright, Chemistry Search Chair, at ChemInorganic@elon.edu, including your full name in the subject field. Review of completed applications will begin October 15, 2014, and will continue until position is filled. Elon University is an equal opportunity employer committed to a diverse faculty, staff and student body.

Department of Chemistry at the University at Buffalo (UB) invites applications for a tenure-track faculty position in theoretical & computational chemistry at the Assistant Professor level. All relevant research areas will be considered; candidates with interests in materials research, structure and dynamics of bio-organic or bio-inorganic systems, electron dynamics, multi-scale modeling of complex systems down to the quantum level, or development of new electronic structure methods, are particularly encouraged to apply. An assistant professor is expected to develop a vigorous, externally funded research program, to be committed to teaching at undergraduate and graduate levels, to mentor students, and to serve the department, university, and discipline.

Applicants should upload their application package (in PDF format) to <https://www.ubjobs.buffalo.edu/applicants/Central?quickFind=57304> including: cover letter, Curriculum Vitae, teaching statement, research proposals (ten page limit), and names and contact information (including address, email, phone numbers) for three references. References will be asked to submit letters online at www.UBJobs.buffalo.edu

Review of applications will begin on October 1, 2014 and will continue until the position is filled. Questions may be addressed to tcsearch@buffalo.edu

The University at Buffalo is an Affirmative Action/Equal Opportunity Employer/Recruiter (AA/EOE) and encourages women, minorities, and persons with disabilities, and veterans to apply.

New Department of Material Design and Innovation, University at Buffalo, the State University of New York is seeking an outstanding researcher and visionary leader to chair the new Department of Material Design and Innovation (MDI). The department is a joint undertaking between the School of Engineering and Applied Sciences (SEAS) and the College of Arts and Sciences (CAS). We invite applications and nominations for the position of Professor and founding Department Chair.

The Chair will lead the Department in the development and implementation of a strategic plan for educational, research, service and engagement programs. The Chair is expected to attract and mentor an interdisciplinary group of new faculty as well as build the Department into a nationally recognized academic unit. The Chair will foster and grow an environment of teamwork and collaboration across disciplinary and decanal areas and with external partners. The Chair will promote the MDI department to government, industry, not-for-profit organizations and academia.

The new Department will build on UB's considerable faculty expertise in material science and engineering, and in computing and informatics, to lead the campus effort in designing new materials. MDI together with the recently announced Center for Excellence in Material Informatics will lead the campus response to national and state needs in materials innovation and advanced manufacturing. MDI will partner with the Computer and Data Science and Engineering initiative in advancing UB's effort related to the White House Materials Genome initiative. As Chair, the candidate will provide strategic and academic leadership at the undergraduate/graduate

educational levels, interdisciplinary research areas, service and engagement activities. The Chair is expected to integrate new and existing intellectual and physical resources to grow materials science and engineering research and educational programs across the disciplines. As the Department's chief administrative officer, candidates will provide effective management for all academic, administrative, budget and personnel decisions, as well as the vision and desire to steer the Department through a period of growth and expansion.

As Professor, the selected candidate will be expected to teach courses at the graduate and undergraduate level, mentor graduate students and junior faculty, advise students at all levels and maintain an active research program. An endowed chair was created for the inaugural MDI Department Chair. The selected candidate will be given this endowed chair position known as the Erich Bloch Chair. Candidates must have a Ph.D. in engineering or science. He/she should have demonstrated expertise in an area of material science and/or engineering. Candidates are expected to have a sustained track record of significant scholarship as evidenced by peer reviewed publications as well as a productive and well-funded program of basic or applied research. He/she should have international stature and recognition commensurate with the rank of Professor. All candidates must have a strong commitment to graduate and undergraduate education.

To apply, please submit a cover letter, curriculum vita, statements of teaching philosophy, statement of research goals and contact information for references via the UB Jobs posting at:
www.ubjobs.buffalo.edu/applicants/Central?quickFind=57222.

Further information on the new department can be found at www.mdi.buffalo.edu

For questions regarding the search, please contact Ms. Laura Dombrowski at lauradom@buffalo.edu

The Department of Chemistry and Biochemistry at New Mexico State University (NMSU), Las Cruces, invites candidates with a Ph.D. in Chemistry or a closely related area to apply for a full-time, nine-month non-tenure-track lecturer position at the College Assistant Professor level (Position #718317) beginning either January 2015 or August 2015. Primary teaching assignments will include general chemistry and undergraduate-level organic chemistry, both lecture and laboratory. Successful candidates must have demonstrated excellence in teaching undergraduate lecture or laboratory courses and be committed to providing quality undergraduate education. Applicants must submit three letters of reference, a cover letter, CV, copy of transcripts with degree posted, statement of professional goals and teaching philosophy, and evidence of teaching effectiveness. NMSU is a public, land grant, minority-serving institution recognized by the Carnegie Foundation as a RU/H (Research University with high research activity) institution. For more information see: <http://www.chemistry.nmsu.edu/>

Applications should be submitted on-line at: <https://jobs.nmsu.edu/> New Mexico State University is an Equal Opportunity/Affirmative Action Employer; Minorities, Females, Veterans, and those with a Disability are encouraged to apply. To begin Searching for Job Openings, please click "Search Jobs" in the left navigation section (Quicklink: <http://jobs.nmsu.edu/postings/18404>). To apply for Job Openings, please create an account by clicking the "Create Account" link. If you need assistance, please contact Human Resource Services at (575) 646-8000.

Review of applications will begin October 1, 2014. NMSU is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and underrepresented minority candidates. All university positions are contingent upon availability of funding. All offers of employment, oral and written, are contingent on the university's verification of credentials and other information required by federal law, state law, and NMSU policies/procedures, and may include the completion of a criminal history check.

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 \$45,000 - \$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: **August**; Opens June 1; Closes August 1
Review Cycle: **November**; Opens September 1; Closes November 1
Review Cycle: **February**; Opens December 1; Closes February 1
Review Cycle: **May**; Opens March 1; Closes May 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.