

2014 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
September 8, 2014

Wednesday, September 10: *Special Seminar: Ryan Davison, ACS*
Tech L221
4:00 – 5:00pm

Thursday, September 11: *IIN Frontiers in Nanotechnology Seminar: Michael Sheetz*
Tech LR5
4:00 – 5:00pm

For full schedule, including Center events, please see the Department Calendar:
[*http://www.chemistry.northwestern.edu/events/calendar.html*](http://www.chemistry.northwestern.edu/events/calendar.html)

Announcements

Upcoming recruiter interview opportunities:

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

Guillaume Goubert joined the VanDuyne Group
Keith Hermann joined the Stoddart Group
Ashlee Howarth joined the Farha Group
Zhanyong Li joined the Hupp Group
Peng Li joined the Hupp Group
Inkoo Kim joined the Shiozaki Group
Jeffrey McMahon joined the Schatz Group
Alec Nepomnyashchii joined the Weiss Group
Sean Ryan joined the Stoddart Group
Andrew Sirjoosingh joined the Schatz Group
Brice Uno joined the Scheidt Group

Opportunities

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.

The Department of Chemistry at The University of Texas at Austin invites applications for tenure-track positions at the assistant professor level in the areas of experimental analytical/physical and experimental organic chemistry. All areas of experimental organic chemistry, including chemical biology, materials, polymer synthesis, and synthetic chemistry, are welcomed. Subfields of particular interest for the experimental analytical/physical position are bioanalytical chemistry and spectroscopy, particularly as they relate to medicine and cancer. Unique opportunities are available in these areas due to the presence of the new UT-Austin Medical School and special funding opportunities available through the Texas CPRIT program.

The University of Texas at Austin is building a culturally and ethnically diverse faculty and strongly encourages applications from women and underrepresented minority candidates. The University of Texas at Austin is an Equal Opportunity and Affirmative Action Employer.

Candidates should submit applications via <http://apply.interfolio.com/25340>. Applications should include a cover letter indicating area of expertise, a curriculum vitae, a description of research plans, and three letters of reference. Applications must be received by September 15, 2014 to receive full consideration.

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-Universitat 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 ioresearch@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.

The Department of Chemistry at the University at Buffalo (UB) invites applications for a tenure-track faculty position in analytical/bioanalytical chemistry at the Assistant Professor level to begin in Fall 2015. All areas of analytical/bioanalytical chemistry will be considered; however, areas of preference include those with research interests that complement the current research efforts in the department (www.chemistry.buffalo.edu). 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=57342>, including: cover letter, Curriculum Vitae, teaching statement, research proposals (five 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 September 15, 2014 and will continue until the position is filled. Questions may be addressed to achemsch@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.

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 Georgia Institute of Technology, School of Chemistry and Biochemistry seeks to fill a tenure-track faculty position in the development of any aspect of chemistry or biochemistry related to feedstocks from renewable and sustainable sources. Research areas of interest include, but are not limited to, functional biomaterials, catalysis, energy harvesting and storage, efficient syntheses and processes, and plant bioengineering and synthetic biology. Opportunities for significant interaction with and support from the Institute for Paper Science and Technology at Georgia Tech (ipst.gatech.edu) will be available. Candidates with interdisciplinary research programs may be considered for joint appointments with other campus units.

Exceptional candidates at all levels are encouraged to apply. Assistant Professor candidates should submit a cover letter, curriculum vitae, description of research plans, description of teaching interests and philosophy, and arrange for the submission of three letters of recommendation. Candidates at advanced levels should submit a cover letter, curriculum vitae, and the names and contact information of three references. All materials and requests for information should be submitted electronically, as per the instructions found at:

<https://academicjobsonline.org/ajo/jobs/4045>

The application deadline is September 15, 2014, with application review continuing until the position is filled. Georgia Tech is an equal education/employment opportunity institution.

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.