

**2014 WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY**  
**EVANSTON, ILLINOIS**  
**October 6, 2014**

- Tuesday October 6<sup>th</sup>:            *Faculty Lunch Seminar: SonBinh Nguyen*  
Tech K140  
12:00 – 1:00pm
- Thursday October 9<sup>th</sup>:            *IIN Symposium*  
Hilton Orrington Hotel  
8:00am – 6:00pm
- Friday October 10<sup>th</sup>:            *Department of Chemistry Reunion*  
Technological Institute  
3:00 – 8:30 pm
- Friday October 10<sup>th</sup>:            *Basolo Lecture: Makoto Fujita, University of Tokyo*  
Ryan Auditorium  
5:00 – 6:30pm
- Saturday October 11<sup>th</sup>:            *Department of Chemistry Reunion*  
Technological Institute  
All day

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

**BIP**

Meets every Friday at 2:45pm in Tech K140

**Arrivals**

Timothy Dwight joined the Silverman Group  
Thomas Grohmann joined the Seideman Group  
Wei Huang joined the Facchetti Group  
Siva Krishna Nalluri joined the Stoddart Group  
Binghao Wang joined the Marks Group  
Menghua Zhu joined the Kanatzidis Group

**Opportunities**

**The Department of Chemistry at New York University (NYU)** invites applications for a tenure-stream faculty position in experimental physical, biophysical, or inorganic chemistry as part of its Laboratory for Molecular Nanoscience. While we expect to hire at the junior level, exceptional senior level candidates will be considered. The anticipated start date is September 1, 2015, pending budgetary and administrative approval. The Department of Chemistry at NYU is implementing a significant growth plan, including the creation of the Biomedical Chemistry Institute, the Molecular Design Institute, and the addition of numerous senior and junior faculty members. In addition to establishing a vigorous research program, duties will include undergraduate and graduate teaching.

Applicants should have an outstanding record of research and a commitment to teaching. Applications must include a curriculum vitae, a list of publications, and statements of future research and teaching plans. These materials, as well as three reference letters, must be submitted to our web-based application system using the following link: [www.nyuopsearch.com/applicants/Central?quickFind=52152](http://www.nyuopsearch.com/applicants/Central?quickFind=52152)

Application review will begin October 15, 2014. Questions about this position can be sent by Email to [chemistry.search@nyu.edu](mailto:chemistry.search@nyu.edu). NYU is an Equal Opportunity/Affirmative Action Employer.

**The Department of Chemistry and Biochemistry of the University of Maryland** anticipates making a tenure-track faculty appointment, starting August 2015. Candidates at all tenure levels with exceptional records of research accomplishment, visibility and vision are invited to apply. Leaders in the chemical sciences who complement our existing research strengths, push disciplinary boundaries and are committed to developing stellar academic programs are sought. As a key department in the world-class College of Computer Science, Mathematical, and Natural Sciences, Chemistry and Biochemistry faculty play important roles in major University and federally-funded Centers, and enjoy close interactions and collaborations with nearby government labs that include NIH, ARL, NRL, FDA, NASA, and NIST. The University of Maryland, College Park is the flagship campus of the University of Maryland System and is ideally situated in close proximity to Washington, D.C., Baltimore, and Maryland's 270 Technology Corridor. Inquiries and/or nominations should be addressed to [chembchm2015fac@umd.edu](mailto:chembchm2015fac@umd.edu). Applications, consisting of a cover letter, curriculum vitae, three-page summary of research plans, statement of educational interests, and three references, must be submitted electronically to: [ejobs.umd.edu](http://ejobs.umd.edu).

Qualifications: We seek scholars who have or will build highly visible, widely acclaimed research programs and have or will achieve excellence in education. Candidates are expected to have a Ph.D. degree, demonstrated accomplishments in independent research, and be an effective educator in the chemical sciences.

Salary: Commensurate with qualifications.

Deadline: Review of applications will begin October 20, 2014, but we will continue to accept applications until the positions are filled.

*AN EQUAL OPPORTUNITY, AFFIRMATIVE ACTION EMPLOYER. APPLICATIONS FROM WOMEN AND MINORITIES ARE ENCOURAGED*

**The "Synthesis and Biological Recognition Stream" (SBRS) in the Freshman Research Initiative (FRI) at the University of Texas, at Austin** is uniquely designed to provide an organized platform for second-semester freshmen and first-semester sophomores to conduct original research at the exciting interface of chemistry and biology. Students are first taught routine and specialized laboratory and instrumental methods they will need to perform their research using a course manual that is complemented by online instructional videos and modules. Students learn to visualize molecular interactions between proteins and ligands using PyMOL. Small teams of students work together to design potential antagonists they believe will bind to a selected protein target from their analysis of crystallographic data of protein-ligand complexes. Once the small molecule target is identified, the students are trained to use Reaxys and SciFinder to search for reactions and precedent that will enable them to prepare the compound. After preparing the "rationally-designed" ligands, the students determine the thermodynamic binding parameters for its association with its target protein (*e.g.*, mouse major urinary protein, the Src and Grb2 SH2 domains, and HCV protease) using ITC. Interested students can learn the techniques of protein expression and purification, but these tasks are often performed by student "mentors", who have participated in the stream and help supervise new students in addition to performing their own independent research. Some ligands are selected for structural studies by X-ray crystallography, and students assist hanging drops in crystallization screens. Students are evaluated by formal written reports, a lab practicum, oral presentations, a research proposal, and a final research report. *The interdisciplinary curriculum is uniquely designed to provide undergraduates with an applied understanding of advanced laboratory techniques and computational tools in order to develop experimental, technical, writing, and presentation skills and knowledge that will be invaluable in preparing them to enter graduate or professional school or the workplace.*

### ***More Information and How to Apply***

The Texas Institute for Discovery Education in Science in the College of Natural Sciences is seeking a Specialist to teach Research Experience courses and conduct research at the interface of organic chemistry and biology as part of its innovative science education program, the Freshman Research Initiative (FRI) and specifically as a leader of the **Synthesis and Biological Recognition Stream (SBRS)**. FRI merges the teaching and research missions of the university by engaging undergraduates in conducting research project(s) related to a faculty member's ongoing research. For more information about the FRI, please visit: <http://cns.utexas.edu/fri> and for more information on the SBRS, see <http://sbrs.cm.utexas.edu/>

Responsibilities include teaching research-based courses, managing a fast-paced undergraduate research group, and coordinating research- and teaching-related activities in the *area of organic synthesis with a focus on applications in biological molecular recognition.* The position is renewable on an annual basis depending on job performance and class enrollments.

Applications will be reviewed and interviews conducted until position is filled. Start dates will be negotiated with the finalists, but preferred start date is between January 15 and April 1, 2015. Qualifications: A Ph.D. or equivalent is required in the field of chemistry, with doctoral or postdoctoral research in organic synthesis. The preferred applicant will also have experience with techniques in biochemistry/molecular biology, which may include testing of organic compounds in biological assays, protein expression, isothermal titration calorimetry, and/or protein crystallography. The preferred candidate will also have experience teaching or mentoring undergraduates.

Applicant Instructions: Please email a cover letter with the contact information for three references, a current CV or resume, and a statement of teaching experience and accomplishments. The official job posting can be found here:

[https://facultyjobs.utexas.edu/potential/view\\_job.cfm?jobID=2353](https://facultyjobs.utexas.edu/potential/view_job.cfm?jobID=2353)

All application materials should be submitted to:

Erin Dolan

Painter Hall 3.04

103 W. 24th Street, G2550

Austin, TX 78712 [edolan@austin.utexas.edu](mailto:edolan@austin.utexas.edu)

**The Cain Department of Chemical Engineering at Louisiana State University** invites applications for up to two tenure-track faculty positions at the Assistant Professor level in the research area of Energy. The positions provide the opportunity to join a Department with a long-standing commitment to excelling in energy research, whether related to traditional fuels, renewable resources, or alternative technologies. Salary will be commensurate with experience. A doctoral degree in chemical engineering (or closely related field) from a recognized institution, and a proven record of academic accomplishment are required. Visit [www.eng.lsu.edu/employ](http://www.eng.lsu.edu/employ) to learn more or contact Dr. Krishnaswamy Nandakumar at [nandakumar@lsu.edu](mailto:nandakumar@lsu.edu)

**The Cain Department of Chemical Engineering at Louisiana State University** invites applications for up to two tenure-track faculty positions at the Assistant Professor level in the research area of the Environment. The positions provide the opportunity to perform research on today's environmental challenges – in the context of a Department with a strong record of impact-full environmental research in areas such as atmospheric chemical processes and pollutant transport in aqueous systems. Salary will be commensurate with experience. A doctoral degree in chemical engineering (or closely related field) from a recognized institution, and a proven record of academic accomplishment are required. Visit [www.eng.lsu.edu/employ](http://www.eng.lsu.edu/employ) to learn more or contact Dr. Krishnaswamy Nandakumar at [nandakumar@lsu.edu](mailto:nandakumar@lsu.edu)

**The Department of Chemistry at Gustavus Adolphus College** invites applications for a one-semester position(s) of Visiting Assistant Professor to begin February 1, 2015.

Minimum Required Qualifications: We seek candidates who have an earned doctorate, but will consider candidates who have achieved ABD status. Candidates must have demonstrated excellence in teaching. A commitment to undergraduate teaching is essential; in their application candidates should discuss their commitment to teaching a student-centered undergraduate chemistry curriculum in a liberal arts environment.

Preferred Qualifications: We are interested in applicants who will complement our commitment to students and faculty from diverse cultural groups, and who will diversify the expertise and experiences represented in the department.

Major/Essential Functions: The teaching load will range from two to four course equivalents. Responsibilities will include 100-level organic chemistry laboratory and may include 100-level organic chemistry lecture, depending on the needs of the department and expertise of the successful candidate/s.

Application and Institution Information: Electronic application is required; email application materials as PDFs to chem-search@gustavus.edu. The application materials must include a letter of application, curriculum vitae, statements of teaching philosophy and research interests, undergraduate and graduate transcripts (scanned PDFs/photocopies acceptable), and three confidential letters of professional recommendation (sent directly from the reference). The cover letter and letters of recommendation should be addressed to:

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

Application information is also available at [www.gustavus.edu/jobs](http://www.gustavus.edu/jobs). For more details, visit the College's website at [www.gustavus.edu/provost/newfaculty/](http://www.gustavus.edu/provost/newfaculty/) or contact Dr. Brenda Kelly at 507-933-7320 or chem-search@gustavus.edu

Review of applications will begin on October 10, 2014, and continue until the position is filled.

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

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

**The Department of Chemistry at Texas A&M University** is trying to fill several postdoctoral positions with the Gabbai Group. One position is in the area of 18F PET imaging agent synthesis. The successful candidate will be asked to investigate the synthesis and aqueous chemistry of organometallic main group fluorides. The second position is in the more general area of heavy main group element chemistry with applications in anion sensing and solar energy conversion. In addition to being talented chemists, the successful candidates should also show strong leadership skills.

All suitable candidates are encouraged to apply. For more information on our chemistry, please see below or visit <http://www.chem.tamu.edu/rgroup/gabbai/Publications.html>

**Optical Studies of Recombination in Thin Film Photovoltaics at University of Washington, Seattle**

We seek applications for a postdoctoral research fellow to lead systematic studies of charge generation and recombination losses in novel organic and hybrid photovoltaic materials using a combination of ultrafast transient absorption, modulation spectroscopy, and device measurements. Previous experimental experience with femtosecond transient absorption spectroscopy is highly desirable. A working knowledge of solar cell device physics (organic, hybrid, inorganic or otherwise) would be beneficial, but is not a prerequisite.

Applicants should have a strong record of research productivity, and will be expected mentor students and work with faculty with diverse backgrounds in physics, chemistry, and engineering. Interested applicants should email David Ginger directly with a CV, and arrange for 2 letters of reference to be sent separately ([ginger@chem.washington.edu](mailto:ginger@chem.washington.edu)).

**AbbVie (NYSE:ABBV)** is a global, research-based biopharmaceutical company formed in 2013 following separation from Abbott Laboratories. The company's mission is to use its expertise, dedicated people and unique approach to innovation to develop and market advanced therapies that address some of the world's most complex and serious diseases. AbbVie employs approximately 25,000 people worldwide and markets medicines in more than 170 countries.

#### Description:

The Discovery Chemistry group has multiple openings for a Scientist I, Chemistry. This position will execute organic synthetic chemistry research that achieves project and area goals, develop and optimize synthetic routes for milligram to multi-gram preparation of target molecules, and integrate relevant learnings in medical chemistry into workflow.

#### Key responsibilities include:

- Maintain a high level of productivity in the laboratory setting. Demonstrate the ability to resolve organic synthesis challenges effectively utilizing available information and technical expertise.
- Proactively seek out new information in the literature and incorporate this into workflow.
- Keep accurate and up-to-date records, including an electronic notebook that documents research according to AbbVie policies.
- Demonstrate a high degree of responsibility in maintaining safe laboratory practices and scientific standards.
- Participate in establishing near-term scientific/chemistry strategies, and contribute to the generation and publication of intellectual property.
- Collaborate with functional and technical experts to facilitate scientific achievement.

Equal Opportunity Employer Minorities/Women/Veterans/Disabled

#### Qualifications

##### Required:

- BS degree in Organic Chemistry or related field and 5 years experience required.

##### Preferred:

- MS degree and 2 years pharmaceutical industry experience desirable.

##### Key Leadership Competencies:

- Builds strong relationships with peers and cross functionally with partners outside of team to enable higher performance.
- Learns fast, grasps the "essence" and can change course quickly where indicated.
- Raises the bar and is never satisfied with the status quo.
- Creates a learning environment, open to suggestions and experimentation for improvement.
- Embraces the ideas of others, nurtures innovation and manages innovation to reality.

Level and compensation will be commensurate with experience.

Multiple positions are available.

Significant Work Activities and Conditions Continuous sitting for prolonged periods (more than 2 consecutive hours in an 8 hour day)

<https://abbvie.taleo.net/careersection/2/jobdetail.ftl?lang=en&job=14000004L>

**AbbVie (NYSE:ABBV)** is a global, research-based biopharmaceutical company formed in 2013 following separation from Abbott Laboratories. The company's mission is to use its expertise, dedicated people and unique approach to innovation to develop and market advanced therapies that address some of the world's most complex and serious diseases. AbbVie employs approximately 25,000 people worldwide and markets medicines in more than 170 countries.

#### Description:

The Discovery Chemistry group has multiple openings for a Senior Scientist I, Chemistry. This position will conceive and execute organic synthetic chemistry research and development that achieves project and area goals, generate new scientific synthetic chemistry proposals and lead those efforts, and investigate, identify, develop, and optimize new methods/techniques. The candidate will act as a lead scientist in his/her area of expertise on one or more projects, and critically evaluate relevant scientific advances and integrate this knowledge into research programs.

#### Key responsibilities include:

- Maintain a high level of productivity in the laboratory setting. Demonstrate the ability to resolve key project hurdles and assumptions by effectively utilizing available information and technical expertise.
- Proactively seek out new information in the literature and incorporate this into individual project(s) as well as the overall program.
- Publish research in peer-reviewed journals and present work at scientific conferences.
- Effective writer and communicator of research or other regulatory materials. Publish project-related research in high-impact factor peer-reviewed journals, R&D reports, patent applications and/or regulatory documents/filings.
- Demonstrate a high degree of responsibility in maintaining scientific standards, and safe laboratory practices for self and reporting staff, if any.
- Participate in establishing project goals, defining short and long-term scientific strategies, and contribute to the generation of project-related documents and presentations.
- Use external information to gain competitive intelligence. Act as advocate to integrate this knowledge into the group's research efforts.
- Generate new research or development strategies to effectively address project and divisional goals/needs. Collaborate with functional and technical experts to facilitate scientific achievement.
- Keep accurate and current records of research and/or project related activities according to AbbVie policies.
- May supervise one or more direct reports and proactively engage in their development.

Equal Opportunity Employer Minorities/Women/Veterans/Disabled

#### Qualifications:

- PhD in Organic Chemistry or related field. Postdoctoral or pharmaceutical industry experience desirable.
- Demonstrated ability to resolve key project hurdles and assumptions by effectively utilizing available information and technical expertise.
- Effective writer and communicator of research or other regulatory materials.
- Key Leadership Competencies:
- Builds strong relationships with peers and cross functionally with partners outside of team to enable higher performance.
- Learns fast, grasps the "essence" and can change course quickly where indicated.
- Raises the bar and is never satisfied with the status quo.
- Creates a learning environment, open to suggestions and experimentation for improvement.
- Embraces the ideas of others, nurtures innovation and manages innovation to reality.

Level and compensation will be commensurate with experience.

Multiple positions are available.

Significant Work Activities and Conditions Continuous sitting for prolonged periods (more than 2 consecutive hours in an 8 hour day), Routine work with chemicals

<https://abbvie.taleo.net/careersection/2/jobdetail.ftl?lang=en&job=1400004LK>

**The Discovery Chemistry Group with AbbVie** has multiple openings for a Senior Scientist I, High Throughput Chemistry. This position will conceive and execute organic synthetic chemistry research and development that achieves project and area goals, generate new scientific synthetic chemistry proposals and lead

those efforts, and investigate, identify, develop, and optimize new methods/ techniques. The candidate will act as a lead scientist in his/her area of expertise on one or more projects, and critically evaluate relevant scientific advances and integrate this knowledge into research programs.

Key responsibilities include:

- Devise novel synthetic techniques, and synthesize libraries in a high throughput manner to advance Structure activity relationships.
- Maintain a high level of productivity in the laboratory setting. Demonstrate the ability to resolve key project hurdles and assumptions by effectively utilizing available information and technical expertise.
- Proactively seek out new information in the literature and incorporate this into individual project(s) as well as the overall program.
- Publish research in peer-reviewed journals and present work at scientific conferences. Effective writer and communicator of research or other regulatory materials. Publish project-related research in high-impact factor peer-reviewed journals, R&D reports, patent applications and/or regulatory documents/filings.
- Demonstrate a high degree of responsibility in maintaining scientific standards, and safe laboratory practices for self and reporting staff, if any.
- Participate in establishing project goals, defining short and long-term scientific strategies, and contribute to the generation of project-related documents and presentations.
- Use external information to gain competitive intelligence. Act as advocate to integrate this knowledge into the group's research efforts.
- Generate new research or development strategies to effectively address project and divisional goals/needs. Collaborate with functional and technical experts to facilitate scientific achievement.
- Keep accurate and current records of research and/or project related activities according to AbbVie policies.
- May supervise one or more direct reports and proactively engage in their development.

Qualifications

- PhD in Organic Chemistry or related field.
- Experienced in the areas of High Throughput Chemistry including the production of parallel synthesis libraries.
- Hands on experience with novel synthesis (e.g. flow chemistry) techniques desirable.
- Effective writer and communicator of research or other regulatory materials. Proactively seek out new information in the literature and incorporate this into individual project(s) as well as the overall program.
- Demonstrated ability to resolve key project hurdles and assumptions by effectively utilizing available information and technical expertise.
- Effective writer and communicator of research or other regulatory materials. Proactively seek out new information in the literature and incorporate this into individual project(s) as well as the overall program.

Key Leadership Competencies:

- Builds strong relationships with peers and cross functionally with partners outside of team to enable higher performance.
- Learns fast, grasps the "essence" and can change course quickly where indicated.
- Raises the bar and is never satisfied with the status quo.
- Creates a learning environment, open to suggestions and experimentation for improvement.
- Embraces the ideas of others, nurtures innovation and manages innovation to reality.

Level and compensation will be commensurate with experience.

Multiple positions are available.

Significant Work Activities and Conditions Continuous sitting for prolonged periods (more than 2 consecutive hours in an 8 hour day), Routine work with chemicals

<https://abbvie.taleo.net/careersection/2/jobdetail.ftl?lang=en&job=14000004LL>

**The Department of Chemistry and Biochemistry of the University of Maryland** anticipates making a tenure-track faculty appointment, starting August 2015. Candidates at all tenure levels with exceptional records of research accomplishment, visibility and vision are invited to apply. Leaders in the chemical sciences who complement our existing research strengths, push disciplinary boundaries and are committed to developing stellar academic programs are sought. As a key department in the world-class College of Computer Science, Mathematical, and Natural Sciences, Chemistry and Biochemistry faculty play important roles in major University and federally-funded Centers, and enjoy close interactions and collaborations with nearby government labs that include NIH, ARL, NRL, FDA, NASA, and NIST. The University of Maryland, College Park is the flagship campus of the University of Maryland System and is ideally situated in close proximity to Washington, D.C., Baltimore, and Maryland's 270 Technology Corridor.

Inquiries and/or nominations should be addressed to [chembchm2015fac@umd.edu](mailto:chembchm2015fac@umd.edu). Applications, consisting of a cover letter, curriculum vitae, three-page summary of research plans, statement of educational interests, and three references, must be submitted electronically to: [www.ejobs.umd.edu](http://www.ejobs.umd.edu)

Qualifications: We seek scholars who have or will build highly visible, widely acclaimed research programs and have or will achieve excellence in education. Candidates are expected to have a Ph.D. degree, demonstrated accomplishments in independent research, and be an effective educator in the chemical sciences.

Salary: Commensurate with qualifications.

Deadline: Review of applications will begin October 20, 2014, but we will continue to accept applications until the positions are filled.

*AN EQUAL OPPORTUNITY, AFFIRMATIVE ACTION EMPLOYER. APPLICATIONS FROM WOMEN AND MINORITIES ARE ENCOURAGED*

**The UCLA Department of Chemistry and Biochemistry** ([www.chemistry.ucla.edu](http://www.chemistry.ucla.edu)) is seeking outstanding candidates for a tenure track faculty position in Inorganic Chemistry at the Assistant Professor level. We invite candidates in any area of inorganic chemistry including bioinorganic, nanoscience, organometallic and solid state to apply. The successful applicant will be expected to develop a strong and creative research program and contribute to teaching in inorganic chemistry at the undergraduate and graduate levels. Ph.D. required.

All applications must be uploaded through UCLA Academic Recruit at <https://recruit.apo.ucla.edu/apply/JPF00413>.

Candidates should provide a cover letter, a curriculum vitae, a list of publications, a summary of research accomplishments (1-2 pages), and future research plans (3 pages max.). In addition, candidates should arrange for 3 letters of reference to be uploaded to UCLA Academic Recruit.

To assure consideration, all application materials and letters should be received by October 15, 2014.

The University of California Los Angeles and the Department of Chemistry and Biochemistry are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: UC Nondiscrimination & Affirmative Action Policy. The UCLA campus has policies that address dual academic and non-academic career issues.

**The UCLA Department of Chemistry and Biochemistry** ([www.chemistry.ucla.edu](http://www.chemistry.ucla.edu)) is seeking outstanding candidates in any area of Organic Chemistry for a tenure track faculty position at the Assistant Professor level. The successful applicant will be expected to develop a vigorous and innovative research program and contribute to teaching in organic chemistry at the undergraduate and graduate levels. Ph.D. required.



All applications must be uploaded through UCLA Academic Recruit at <https://recruit.apo.ucla.edu/apply/JPF00416>

Candidates should provide a cover letter, a curriculum vitae that includes a list of publications, a summary of research accomplishments (3 pages max), a statement of future research plans (3 pages max), and a teaching philosophy statement. In addition, candidates must arrange for 3 letters of reference to be uploaded to UCLA Academic Recruit.

To assure consideration, all application materials and letters should be received by October 11, 2014.

The University of California Los Angeles and the Department of Chemistry and Biochemistry are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: UC Nondiscrimination & Affirmative Action Policy. The UCLA campus has policies that address dual academic and non-academic career issues.

**The Department of Chemistry in the Division of Mathematical and Physical Sciences and the Department of Biochemistry & Molecular Medicine in the School of Medicine at the University of California, Davis** 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 Department of Chemistry at the University of Texas at El Paso (UTEP)** invites applications for a tenure-track assistant professor position in all aspects of Medicinal Chemistry. The anticipated appointment date is fall 2015 or earlier. The successful candidate is expected to establish an extramurally-funded research program; to teach and mentor undergraduate, master's, and doctoral students; and to be a member of the Border Biomedical Research Center (BBRC). The BBRC has multiple state-of-the-art laboratories and core facilities, including those focused on proteomics, metabolomics, genomics, cell imaging, high-throughput screening (HTS) analyses, and bioinformatics and biostatistics. Major resources at BBRC include: gas and liquid chromatography-mass-spectrometry (GC-MS and LC-MS) systems, two high-content imaging (HCI) systems for HTS of libraries of small molecule inhibitors, a surface-plasmon resonance system, a new-generation Illumina DNA sequencing system, and electron and confocal microscopes. The BBRC also features newly constructed BSL3/ABSL3 facilities. The Department of Chemistry is housed in the newly completed Chemistry and Computer Science building which has facilities for NMR spectroscopy, mass spectrometry, EPR, x-ray crystallography, and cryoelectron microscopy. Candidates' research should have a strong potential for extramural funding and for the establishment of collaborations with other BBRC laboratories. Preference will be given to candidates

whose research employs innovative approaches in areas including the design, generation, and analysis of bioactive compounds, and the manipulation of their pharmacokinetic and pharmacodynamic properties and their bioavailability.

**ABOUT UTEP AND EL PASO:** Located on the culturally vibrant U.S.--Mexico border, The University of Texas at El Paso is an emerging national research university with more than 23,000 students. The University's rapidly growing research portfolio in the sciences, engineering, health fields, and other areas brings in more than \$83 million per year, ranking UTEP fourth in federal research expenditures among the public universities in Texas. El Paso is a highly livable, bicultural community of 800,000 people, which offers affordable homes and attractive neighborhoods. It is the safest large city in the United States. Shielded by mountains on three sides, El Paso experiences more than 300 days of sunshine annually, and residents enjoy outdoor activities year--round. The city of El Paso is adjacent to both the state of New Mexico and the country of Mexico, making it the nation's leading area for cultural diversity and border health research. Comprising 248 square miles, El Paso is the sixth largest city in Texas and 19th largest city in the United States. El Paso's active arts and culture community features the state's longest running symphony orchestra, a nationally recognized chamber music festival, art galleries, history museums, and a full schedule of seasonal festivals and events. UTEP adds to the arts scene with an award--winning dinner theater, music and dance productions, contemporary and student art galleries, and a natural history museum. For sports fans, the UTEP Miners offer exciting Division I college athletics at Sun Bowl Stadium, the Don Haskins Center and Kidd Field. Southwest University Park located in El Paso's lively downtown is home to the El Paso Chihuahuas, the San Diego Padres AAA baseball team.

**REQUIRED QUALIFICATIONS:** Applicants must have a Ph.D. or equivalent degree, postdoctoral research experience, and a strong record of research accomplishments.

**APPLICATION PROCEDURES:** Review of applications will begin immediately and will continue until the position is filled. Candidates should send a letter of interest, curriculum vitae, statement of research interest, a brief description of teaching philosophy, and complete contact information for at least three references to the following address:

Dr. Katja Michael  
Medicinal Chemistry Search Committee Chair  
Department of Chemistry  
University of Texas at El Paso  
500 West University Avenue  
El Paso, TX 79968  
Email: [kmichael@utep.edu](mailto:kmichael@utep.edu)

The University of Texas at El Paso is an Equal Opportunity/Affirmative Action Employer. The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, genetic information, veteran status, or sexual orientation in employment or the provision of services.

**The Department of Chemistry and Biochemistry at The University of Toledo** invites applications for two tenure-track faculty positions, one each in biochemistry and organic chemistry. Applicants in all areas of biochemistry and organic chemistry are encouraged to apply. These positions are expected to be at the Assistant Professor level, but senior appointments will be considered for applicants with strong records of research accomplishments. A Ph.D. degree in chemistry, biochemistry or a closely related field is required; postdoctoral experience is preferred. The successful candidates will begin their appointment August 2015, will be expected to teach in the undergraduate and graduate (M.S. and Ph.D.) programs, and establish and maintain an externally funded research program in their area of expertise. Opportunities for intra-university collaborations are possible through several research focus areas including the School of Green Chemistry and Engineering.

The University of Toledo is a comprehensive state institution with an enrollment of approximately 21,000 students located on an attractive suburban campus. The University offers competitive salaries and excellent start-up and benefits packages. Further information is available at <http://www.utoledo.edu/nsm/chemistry/>. Applicants must submit to <https://jobs.utoledo.edu> a cover letter, current curriculum vitae, a summary of research plans, and a statement of teaching philosophy as a single pdf file and arrange to have three

recommendation letters sent to: [utchem@utoledo.edu](mailto:utchem@utoledo.edu). Review of applicants will begin on October 15, 2014 and continue until the positions are filled. The Department encourages applications from minorities, women and persons with disabilities. The University of Toledo is an Affirmative Action/Equal Opportunity Employer M/F/D/V.

**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](mailto: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](mailto:chemsearch4@csulb.edu)

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

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 ft<sup>2</sup> 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](mailto: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](mailto:gwchem@gwu.edu) or by calling 202-994-6121.

**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](mailto: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](mailto: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 under-represented 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](mailto:chemfs@umn.edu) or as hard

copies to: Faculty Search Committee, Department of Chemistry, University of Minnesota, 207 Pleasant St. SE, Minneapolis, MN, 55455-0431.

**The 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](http://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](mailto: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](mailto: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](http://www.huntsmancancer.org), [www.utahinternalmedicine.org](http://www.utahinternalmedicine.org), and [www.pharmacy.utah.edu/medchem](http://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](http://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](mailto: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](mailto: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.*

**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](http://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](mailto: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](mailto:christian.helgert@uni-jena.de)) and refer to [www.acp.uni-jena.de](http://www.acp.uni-jena.de).

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