

**2017 WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY**  
**EVANSTON, ILLINOIS**  
**October 9, 2017**

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

Tuesday October 10<sup>th</sup>:            *Faculty Lunch Seminar: Kenneth Poepelmeier*  
Tech K140  
12:00-1:00pm

Friday October 13<sup>th</sup>:            *Department of Chemistry Colloquium:*  
*Professor Robert Knowles, Princeton University*  
Tech LR3  
4:00-5:00pm

**Announcements**

**ExxonMobil** will be on campus to recruit PhD level candidates for full time and intern positions in research and engineering. Relevant degrees include Chemistry, Materials Science, Engineering (Chemical, Mechanical, Environmental, Civil, Industrial, Electrical) and related fields.

- **Join us** at our **info session on Wednesday, October 18th from 5-6:30; Tech K140**. Pizza will be provided!
- **Apply at [jobs.exxonmobil.com](http://jobs.exxonmobil.com) and at CareerCat**. Interviews will be held October 19-20. Make sure resume/CV is up to date  
Attach an unofficial transcript when applying at [jobs.exxonmobil.com](http://jobs.exxonmobil.com)
- **Check out** videos at [facebook.com/ExxonMobilCareers](https://facebook.com/ExxonMobilCareers) and [youtube.com/ExxonMobil](https://youtube.com/ExxonMobil)

**BIP**

BIP will meet every Friday in Tech K140 at 10:00am beginning October 13<sup>th</sup>  
This year's BIPmeisters are Ryan Klein and Scott Coste

**Arrivals**

Yassine Beldjouldi joined the Stoddart Group  
Charles Cherqui joined the Schatz Group  
Lijian Guo joined the Kanatzidis Group  
Tianyu Jiao joined the Stoddart Group  
Lingyun Li joined the Poepelmeier Group  
Jiafei Lyu joined the Farha Group  
Daniela Salgueiro joined the Facchetti Group  
Devleena Samanta joined the Mirkin Group  
Damien Sluysmans joined the Stoddart Group  
Xingjie Wang joined the Farha Group  
Wei Zhu joined the Silverman Group

## Opportunities

**Intel Corporation** has several openings in the Logic Technology Development group for physical science Ph.D.s to support/direct R&D of advanced processing methods. Candidates hired for these positions will be responsible for developing the next generation of Intel's microprocessors.

Ph.D. candidates in Materials Science, Chemistry, Chemical Engineering, Physics, Electrical Engineering or related fields are encouraged to apply.

Criteria for selection include: a strong academic record, demonstrated experimental expertise, an ability to drive and take responsibility for projects and a solid peer-reviewed publication record.

Hands-on experience using and maintaining complex scientific equipment is preferred, but not required.

Ideal backgrounds include experience with one or more of the following process methods: atomic layer deposition (ALD), chemical vapor deposition (CVD), Physical vapor deposition (PVD), chemical-mechanical polish (CMP), Electroplate, or Electroless plating.

Familiarity with other complex deposition and surface science technologies is a plus.

Openings are immediately available at Intel's primary development facility (Ronler Acres) located ~10 miles west of Portland, OR.

Interested candidates should email resumes to [david.j.towner@intel.com](mailto:david.j.towner@intel.com)

**The University of Kansas Department of Medicinal Chemistry** seeks to fill two tenure track faculty positions at the Assistant, Associate or Full Professor level to commence by August 2018 or earlier as negotiated. Consideration will be given to applicants experienced in medicinal chemistry, chemical biology, natural products chemistry, organic chemistry, biochemistry or a closely related field. Our department has a very strong research tradition, excellent facilities and support labs, and a vigorous but collegial faculty and student body. Further information about the positions is available at <http://medchem.ku.edu/positions>.

Applications must be submitted on-line. Application review will begin on October 9, 2017, and will continue until the positions are filled. The University of Kansas is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, or sex (including pregnancy, age, national origin, disability, genetic information or protected Veteran status).

**The Department of Chemistry and Biochemistry at the University of North Carolina at Greensboro (UNCG)** is seeking to fill a tenure-track faculty position in the area of Bioinorganic, Bioorganic, or Medicinal Chemistry at the rank of assistant professor. A PhD in Chemistry, Biochemistry, or related field is a requirement for the position. Applicants should demonstrate a solid track record of publication, and should show promise for establishing an independent and externally funded research program. Applicants will be expected to mentor master's and doctoral research students, and to contribute to the department's long-standing strength in undergraduate research. Additionally, the successful hire will demonstrate teaching excellence at both the graduate and undergraduate levels. A competitive startup package will be provided. The expected start date for this position is Fall of 2018.

Applications must be submitted through Jobsearch <https://jobsearch.uncg.edu/postings/8974>. Applicants should upload (as PDF files) a cover letter addressed to Dr. Kimberly Petersen, Committee Chair, a curriculum vita, a description of proposed research, a teaching statement, and arrange for three letters of recommendation to be sent. Any questions can be addressed to Trina Porcher at [t\\_porche@uncg.edu](mailto:t_porche@uncg.edu). Review of applications will begin October 2nd and will continue until the position is filled.

UNCG is a Minority Serving Institution, with an undergraduate student body consisting of 28% African Americans and 8% Hispanic or Latino Americans. UNCG and the Department of Chemistry and Biochemistry foster an environment of collaboration across departments and schools and support community-engaged research. UNCG is proud of the diversity of its student body and we seek to attract an equally diverse applicant pool for this position. UNCG is located in a metropolitan area of more than 1.6 million in the Piedmont region of North Carolina, between the Atlantic Ocean and the Appalachian mountains. UNCG is an EEO/AA employer with a strong commitment to increasing faculty diversity. EOE AA/M/F/D/V.

**The University of Nevada, Reno** is searching for a continuing full-time non-tenure-track Chemistry Lecturer. Duties include lecturing at the introductory and intermediate levels including physical chemistry, general chemistry, and analytical chemistry; overseeing the physical chemistry and instrumental analysis instructional laboratory programs and coordinating with departmental lecture courses; curriculum development and implementation; and undergraduate advising.

The successful applicant for this position will be encouraged to develop new laboratory experiments, with possibilities for incorporating modern physical chemistry laboratory experiments and computational chemistry. Applications for internal instructional enhancement funding and contributions to proposals for external instructional funding will also be encouraged.

This position requires training, evaluating and organizing the activities of graduate level teaching assistants; working effectively with chemistry stockroom staff; coordinating activities with other faculty; and working effectively with the department's Director of Laboratories/Safety Officer.

This is a 9-month full-time continuing position, with the potential for further summer opportunities including teaching, research, student advising, curricular development, and/or laboratory management.

The University of Nevada, Reno has a growing and increasingly diverse student population of approximately 21,000, including over 2,800 graduate students. The city of Reno offers an excellent quality of life, with entertainment and cultural opportunities in excess of most cities of similar size. The city lies one hour from Lake Tahoe and four hours east of San Francisco in the valley of the Truckee River on the eastern slope of the Sierra Nevada, and has a mild high desert climate. A highly rated location for living and outdoor recreation, the Reno area also enjoys a flourishing and diverse intellectual, artistic, and cultural community.

The University of Nevada, Reno recognizes that diversity promotes excellence in education and research. We are an inclusive and engaged community and recognize the added value that students, faculty, and staff from different backgrounds bring to the educational experience.

#### Required Qualifications

Doctoral degree in Chemistry or closely related field and teaching experience.

#### Preferred Qualifications

Evidence of ability in and strong commitment to the following areas: teaching effectively at the introductory and intermediate levels of physical, analytical and general chemistry; developing and implementing new lecture and laboratory curricula; management of an instructional laboratory program.  
Contact Information for this Position

Sharee Williams (775) 682-8795 [shareew@unr.edu](mailto:shareew@unr.edu) <https://www.unrsearch.com/postings/25901>

**The Department of Chemistry and Biochemistry** invites applications for a tenure track assistant professor in biochemistry. The successful candidate will have a PhD in biochemistry, chemistry, or related fields, and demonstrate excellence in teaching at all levels of biochemistry. We seek highly creative individuals whose research interests complement those of the Department. An emphasis on probing and exploiting chemical principles that engender biological complexity will be an asset.

Founded in 1743, the University of Delaware combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology. Located in Newark, Delaware, within two hours of New York, Philadelphia, Baltimore, and Washington, D.C., with a railroad station in town, the University is a Land Grant, Sea Grant, Space Grant, and Carnegie Research University (with very high research activity, a designation accorded to fewer than three percent of the degree-granting institutions in the U.S.), and with external funding exceeding \$200 million. A state-assisted, privately governed institution, the University enrolls approximately 17,000 undergraduates and 4,000 graduate students. The University of Delaware has been recognized for the past five years by the Chronicle of Higher Education as one of America's best universities to work for. Within the Department of Chemistry and Biochemistry, the successful candidate will benefit from excellent core laboratories and a vibrant and supportive intellectual environment.

#### Applicant Instructions:

Applicants should apply on-line at <http://apply.interfolio.com/44082> and should submit a letter of application, a curriculum vitae, description of initial research plans, statement of teaching philosophy and arrange for submission of at least three letters of recommendation. Review of applications will begin on October 15, 2017 and will continue until the position is filled. All application materials will be shared with departmental faculty. Questions should be directed to Ms. Susan Cheadle at: [sheadle@udel.edu](mailto:sheadle@udel.edu).

#### Equal Employment Opportunity

The University of Delaware is an Equal Opportunity Employer, which encourages applications from minority group members, women, individuals with a disability and veterans. The University's Notice of Non-Discrimination can be found at <http://www.udel.edu/aboutus/legalnotices.html>. Employment offers will be conditioned upon successful completion of a criminal background check. A conviction will not necessarily exclude you from employment.

**The School of Molecular Sciences (SMS; <https://sms.asu.edu/>) at Arizona State University** invites applications for a full-time, tenure-track position as Assistant Professor of chemistry and biochemistry with an anticipated start date of August 2018. Candidates working in all areas of molecular sciences are invited to apply, including chemistry, biochemistry, physics and engineering of molecules and materials. Job Duties: The successful candidate is expected to develop a vigorous externally-funded research program at ASU with significant national and international recognition, teach and mentor effectively at the undergraduate and graduate levels, and participate in professional and university service.

#### Minimum Qualifications:

- Doctorate in a field of science or engineering relevant to the chemistry, biochemistry, physics, or engineering of molecules and/or materials by time of appointment
- Demonstrated potential to establish a vigorous, externally-funded research program with national and international impact
- A strong record of research accomplishments
- A commitment to excellence in teaching and mentoring

#### Desired Qualifications:

- A strong potential for success in serving the needs of diverse student populations and/or reaching out to diverse communities
- Expertise in the areas of chemistry or biochemistry

- A strong interest in interdisciplinary research
- Evidence of a successful postdoctoral experience

To apply, please COMBINE all materials listed below into ONE pdf file via the [employment application portal](#): (1) a cover letter, (2) a comprehensive curriculum vitae that includes a complete record of publications, patents and other meaningful demonstrations of impact in the field, and (3) a succinct outline of future research. (Contact information for at least three references may be requested at a later stage of the application and interview process.)

The initial deadline for review of complete applications is Monday, October 23rd, 2017. If not filled, applications will continue to be reviewed weekly thereafter until the search is closed. A background check is required for employment.

The School of Molecular Sciences (formerly the Department of Chemistry and Biochemistry) at Arizona State University is an organization of more than 55 faculty members, 100 staff, and 1400 graduate and undergraduate students who work at the forefront of science and technology innovation and education. It influences and impacts broad university-wide initiatives in fundamental science, health, sustainability, energy, food-water-climate, security, materials, manufacturing, space exploration and other endeavors of advanced technology.

ASU is located on four campuses and two research parks within the Phoenix metropolitan area and is one of the largest universities in the U.S. The School is located on the Tempe campus. ASU is ranked within the top 100 research universities in the world, as well as, being recognized as the most innovative university in the country. It is home to the Biodesign Institute (<https://biodesign.asu.edu/>) and the Global Institute of Sustainability (<https://sustainability.asu.edu/>), both of which have strong representation from SMS faculty. Diversity is a key component of excellence at ASU, and the School of Molecular Sciences supports the value of diversity among faculty, staff, and students.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. ASU's full non-discrimination statement (ACD 401) is located on the ASU website at:

<https://www.asu.edu/aad/manuals/acd/acd401.html> <https://www.asu.edu/titleIX/>

Please direct questions about the position to Laura Hoffman at [laura.m.hoffman@asu.edu](mailto:laura.m.hoffman@asu.edu).

To apply, please COMBINE all required materials into ONE pdf file.

**New College of Florida** invites applications for a tenure-track Assistant Professor position in Organic Chemistry and a tenure-track Assistant Professor position in Bioorganic Chemistry, both starting in August 2018. A Ph.D. in chemistry is required for both positions. The successful candidates must be committed to excellence in teaching and research. Teaching experience and postdoctoral research experience are strongly preferred. New College is committed to recruiting and retaining a diverse faculty. Women and candidates from underrepresented groups or whose knowledge or skills can support an inclusive culture and learning environment are especially encouraged to apply.

The teaching load is two courses per semester plus sponsoring individual and group tutorials. In addition to classes and tutorials, faculty members provide academic advising, supervise independent study projects, sponsor senior undergraduate theses/projects, and serve on baccalaureate committees. We are particularly interested in candidates who have a demonstrated commitment to innovative undergraduate liberal arts teaching. The successful candidates are expected to establish and maintain a program of research. New College welcomes research programs that complement those of the current faculty.

Situated on the Gulf Coast of Florida and Sarasota Bay, New College is a nationally recognized, highly-selective public honors college with an 11:1 student/faculty ratio. Students are intellectually independent and highly motivated. Undergraduate research has a central role in the curriculum, and a senior thesis/project is required of all students. Students receive narrative evaluations in lieu of grades. New

College is committed to excellence in undergraduate teaching and research and encourages collaborative student-faculty scholarship. [www.ncf.edu](http://www.ncf.edu). A description of the Division of Natural Sciences is at <https://www.ncf.edu/academics/undergraduate-program/division-of-natural-sciences/>.

A complete application will include a letter of application, curriculum vitae, the names of three references (including at least one who can address teaching), unofficial graduate transcripts, a statement of teaching philosophy that includes course proposals, a statement regarding the candidate's contributions or approaches to supporting an inclusive culture and learning environment, and a description of proposed research that specifically highlights how undergraduates would participate. Review of completed applications will begin October 2 and continue until the position is filled. According to Florida law, applications and meetings regarding applications are open to the public upon request. An online application:

<https://ncf.simplehire.com/> should be completed. New College of Florida is an EOE institution.

**The Department of Chemistry at the University of Vermont (UVM)** invites applications for a full-time, tenure-track position as Assistant Professor, starting in the fall semester of 2018. We seek a creative physical chemist who will undertake an outstanding program of research leading to peer-reviewed scholarly publications and extramural funding for that research. Applicants will be expected to teach, advise, and mentor graduate and undergraduate students. Particular fields of interest are environmental or biophysical chemistry, but exceptional candidates from any area of physical chemistry will be considered. A Ph.D. and postdoctoral experience in chemistry or a related field are expected.

Candidates must apply online at [www.uvmjobs.com](http://www.uvmjobs.com). To receive full consideration, applicants must submit a cover letter, curriculum vitae, teaching statement, proposed research plans, and contact information for three references who will be invited to submit letters of recommendation. Review of applications will begin on October 15, 2017. Address questions to [Giuseppe.Petrucci@uvm.edu](mailto:Giuseppe.Petrucci@uvm.edu). The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service. Applicants are requested to include in their cover letter information about how they will further this goal. The University of Vermont is an Equal Opportunity and Affirmative Action Employer. Applications from women, veterans and individuals with disabilities, and people from diverse racial, ethnic, and cultural backgrounds are encouraged.

Apply Online at: <http://www.uvmjobs.com/postings/25677>

**California State University, Long Beach** Teach undergraduate lecture and laboratory courses in biochemistry 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 (research start-up funds are available); participate in service to the department, university, and community.

**POSITION REQUIREMENTS:**

Ph.D. in Biochemistry or closely related discipline. Degree at time of application or official notification of completion of the doctoral degree by August 1, 2018. 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 biochemistry. Demonstrated commitment to working successfully with a diverse student population.

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

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, single-spaced)
- Letter of application addressing the minimum and desired/preferred qualifications
- CV (including current email address)
- Three current letters of recommendation independently provided by references.
- Research proposal involving lab, major instrumentation and start-up needs.
- Statement of teaching philosophy.
- Copy of unofficial transcript from institution awarding highest degree.
- Finalists will also be required to submit a signed SC-1 form, and an official transcript.

A background check (including a criminal records check and telephone reference check with most recent employer) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

The person holding this position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 Revised July 21, 2017 as a condition of employment.

Electronic files from applicants and reference letters should be sent to [CNSM-chemsearch6@csulb.edu](mailto:CNSM-chemsearch6@csulb.edu)  
Applications, required documentation, and/or requests for information should be addressed to:

Dr. Chris Brazier, Chair

California State University, Long Beach  
Department of Chemistry and Biochemistry  
1250 Bellflower Boulevard  
Long Beach, CA 90840-9507  
Phone: (562) 985-4941 E-mail: [CNSM-chemsearch6@csulb.edu](mailto:CNSM-chemsearch6@csulb.edu)

**The Department of Chemistry at Case Western Reserve University(CWRU)** invites applications for a tenure track Assistant Professor faculty position in the research area of RNA chemistry. Preference will be given to candidates with demonstrated expertise in applying chemical methods to study RNA structure-function, protein-RNA complexes, or RNA-targeted small molecule synthesis. The successful candidate will be expected to develop an internationally visible research program supported by external funding and will contribute to teaching within the areas of organic chemistry. Normal teaching load for faculty with active research programs is one course per semester plus ancillary duties. A Ph.D., research publications, and postdoctoral (or comparable industrial) experience are required.

This position is related to recent Departmental and University strategic initiatives, and builds upon the strong history of RNA science at CWRU. The new hire will thus complement current expertise in RNA science, and be expected to establish collaborations with scientists at centers such as the Center for RNA Science & Therapeutics, the Center for AIDS Research, and the Case Comprehensive Cancer Center.

To be considered, a letter of application, CV, and a summary of research plans should be sent by email c/o Suzi Mason ([sxm763@case.edu](mailto:sxm763@case.edu)) before November 10, 2017. In addition, three letters of recommendation should be independently emailed directly to Suzi Mason by this date.

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, and members of underrepresented minority groups and individuals with disabilities are encouraged to apply. Case Western Reserve provides reasonable accommodations to applicants with disabilities. Applicants requiring reasonable accommodation for any part of the application and hiring process should contact the Office of Inclusion, Diversity and Equal Opportunity at 216-368-8877 to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.

**California State University, San Bernardino Department of Chemistry and Biochemistry** is

accepting applications for a full-time tenure-track Assistant Professor of Biochemistry

**SPECIALIZATION:** Any area of biochemistry; expertise in biomaterials, biomolecular modelling, bioinformatics or bioanalytical chemistry would complement existing research capabilities, and could lead to research collaboration and/or course development..

**DUTIES OF THE POSITION:** Innovative and cutting-edge teaching at the undergraduate level. Bring creative approaches in teaching general and introductory chemistry, biochemistry, and in the area of specialization (e.g. bioanalytical chemistry, biomaterials, bioinformatics, etc.). Develop, implement and sustain an externally funded, independent research agenda involving undergraduate students. Participate in service activities in support of the department, college, university, and/or community.

**RANK AND SALARY:** Assistant Professor. Salary is dependent upon educational preparation and experience, and is subject to budgetary authorization.

**DATE OF APPOINTMENT:** Fall Quarter 2018 (September).

**QUALIFICATIONS:** Candidates must have a Ph.D. in chemistry, biochemistry, or closely-related field, conferred by time of appointment. Postdoctoral experience and/or teaching experience is desirable.

**APPLICATION DEADLINE:** Review of completed applications will begin on October 16, 2017. Please submit contact information and copies of transcripts of all post-secondary degrees (official transcripts will be required prior to appointment), curriculum vitae, a statement of teaching philosophy and strategies, and a statement of research/professional accomplishments, and future plans, and a Diversity Statement with a cover letter. Please also arrange to have three letters of reference sent on your behalf to [facultyrecruitment@csusb.edu](mailto:facultyrecruitment@csusb.edu).

Materials are submitted online through <https://.governmentjobs.com/careers/csusb/jobs/1801088-0/chemistry-biochemistry-assistant-professor-tenure-track>.

Referees should email confidential letters of recommendation to [facultyrecruitment@csusb.edu](mailto:facultyrecruitment@csusb.edu) . Questions may be directed to the department chair, Kimberley Cousins at [kcousins@csusb.edu](mailto:kcousins@csusb.edu).

Further information regarding this position may be viewed on our website: <http://chem.csusb.edu/>

**The College of Science at Virginia Tech and the Academy of Integrated Science, through its Integrated Science Curriculum (<https://www.ais.science.vt.edu/programs/isc.html>)**, are placing a strong emphasis on integrated and interdisciplinary teaching. As part of this initiative, Virginia Tech has a non-tenure track faculty position for the Leader of the Integrated Science Curriculum in the Academy of Integrated Science to start in Fall 2018. The appointment will be at the rank of Collegiate Assistant Professor with an initial 3-year appointment and the possibility of multi-year renewal upon successful review.

The Integrated Science Curriculum is a two-year program that prepares students from the College of Science for their respective majors through a curriculum built around student teams working on problem-

oriented exercises while mastering interdisciplinary concepts. Biology, chemistry, mathematics, and physics are intertwined, in lectures and in labs, to achieve a dynamic understanding of a wide range of fundamental principles within the modern scientific method.

We seek candidates who are passionate about interdisciplinary teaching of undergraduate students in an inclusive and integrated environment. Responsibilities include teaching undergraduate courses and laboratories related to the Integrated Science Curriculum, where successful candidates will:

- Make significant contributions to our interdisciplinary undergraduate instruction; coordinate laboratory and lecture courses, work closely with our undergraduate students, and lead efforts in curriculum enhancements and innovative pedagogy;
- Continue to develop professional capabilities and participate in scholarly activities, including travel to and participation in professional conferences and societies; and participate in department, college, and university service and governance, as well as professional service.

Applicants must have a Ph.D. in biochemistry, biology, chemistry, physics or a closely related field. Successful candidates will be expected to teach effectively at the undergraduate level and work closely with the existing interdisciplinary programs in the Academy of Integrated Science. Applications must be submitted online at <https://listings.jobs.vt.edu/postings/80232> (posting number TR0170134) and should include a cover letter, curriculum vitae, a statement of teaching philosophy that describes an integrated vision for interdisciplinary science education, a description of previous activities mentoring minorities, women, or members of other underrepresented groups as well as how the applicant will further Virginia Tech's commitment to build a culturally diverse educational environment, and contact information for three references. The review of applications will begin on January 15, 2018 and continue until the position is filled. As part of the hiring process, the successful applicant must pass a criminal background check. Questions regarding the position can be directed by Email to Prof. Michel Pleimling, Integrated Science Curriculum Faculty Search Committee Chair, at [pleim@vt.edu](mailto:pleim@vt.edu).

Virginia Tech is an EO/AA university, and offers a wide range of networking and development opportunities to women and minorities in science and engineering, and additionally provides a competitive dual hiring program for couples. Individuals with disabilities desiring accommodation in the application process should notify Dr. Nora Dragovic in the Academy of Integrated Science (Email: [nora84@vt.edu](mailto:nora84@vt.edu), Tel: 540- 231-8131).

**The Department of Chemistry at Purdue University, West Lafayette**, invites applications for a tenure-track faculty position at the Assistant Professor level in Synthetic Organic Chemistry with particular interests in drug discovery and medicinal chemistry. Successful candidates will have a joint appointment in both the Department of Chemistry and the Department of Medicinal Chemistry and Molecular Pharmacology (75:25 appointment). Purdue has a tradition of excellence in both synthetic organic chemistry and medicinal chemistry and is seeking to enhance this preeminence through strategic hiring. The Department is looking to integrate a creative scientist into the cutting edge interdisciplinary environment provided by Purdue University.

Successful candidates are expected to have a doctorate degree in chemistry or a related field, to develop excellence in teaching at the graduate and undergraduate levels, and to establish a vibrant research program supported by extramural funding. Applicants should submit a letter of application with curriculum vita, a summary of planned research, and a statement on teaching philosophy electronically at: [www.chem.purdue.edu/facultyopenings](http://www.chem.purdue.edu/facultyopenings). Applicants should also arrange for three letters of recommendation to be uploaded. Applications will be reviewed beginning October 15, 2017, and will remain in consideration until the position is filled.

Purdue University's Department of Chemistry is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these

areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

A background check will be required for employment in this position. Purdue University is an ADVANCE institution.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

**California State University, Long Beach College of Natural Sciences and Mathematics Department of Chemistry and Biochemistry** has a tenure track position opening for an Assistant Professor in Biochemistry beginning in August 2018.

**Minimum Qualifications:** Ph.D. in Biochemistry or closely related discipline.

Degree at time of application or official notification of completion of the doctoral degree by August 1, 2018.

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 biochemistry.

Demonstrated commitment to working successfully with a diverse student population.

**Desired/Preferred Qualifications:** 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 biochemistry 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 (research start-up funds are available); participate in service to the department, 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, single-spaced)
- Letter of application addressing the minimum and desired/preferred qualifications
- CV (including current email address)
- Three current letters of recommendation independently provided by references.
- Research proposal involving lab, major instrumentation and start-up needs.
- Statement of teaching philosophy.
- Copy of unofficial 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 [CNSM-chemsearch6@csulb.edu](mailto:CNSM-chemsearch6@csulb.edu)  
Applications, required documentation, and/or requests for information should be addressed to:

Dr. Chris Brazier, Chair  
California State University, Long Beach  
Department of Chemistry and Biochemistry  
1250 Bellflower Boulevard  
Long Beach, CA 90840-9401  
Phone: (562) 985-4941 E-mail: [CNSM-chemsearch6@csulb.edu](mailto:CNSM-chemsearch6@csulb.edu)

**Application deadline:** Review of applications to begin October 16<sup>th</sup>, 2017 Position opened until filled  
(or recruitment canceled)

**Bridgestone Americas Center for Research and Technology located in Akron, Ohio** is currently seeking applications for Synthesis Chemist positions for the Synthesis Group at the Bridgestone Center for Research and Technology.

Qualified candidates should have a Ph.D. in Organic, Inorganic or Polymer Chemistry, with a strong fundamental understanding of Organic and Inorganic Chemistry as well as excellent bench synthesis skills with an interest and demonstrated ability to perform hands-on synthesis, purification, and characterization experiments. Some knowledge of and experience with polymers is preferred but not required. We are seeking candidates with 0-7 years of post-doctoral industrial experience. Scientists will work in a multidisciplinary environment collaborating with a team of scientists and engineers to develop, optimize and scale up the production of new polymers and other materials for tire as well as non-tire applications.

The ideal candidate should be a creative individual with much initiative, a strong academic record, and have good problem-solving abilities. Solid verbal/written communication and interpersonal skills are also needed. The ability to interact effectively with other researchers locally as well as associates in other parts of the Corporation in the US and abroad is critical to success in this position.

Applicants must be authorized to work in the United States. A pre-employment drug test is required. Interested parties are invited to apply by visiting this website:  
[https://bebridgestone.com/en\\_us/job-details?id=2017-118051](https://bebridgestone.com/en_us/job-details?id=2017-118051)  
Bridgestone Americas, Inc. is an Equal Employment Opportunity (EEO) employer.

**The Department of Chemistry and Biochemistry at the University of Maryland, Baltimore County (UMBC)** invites applications for a full-time tenure-track faculty position at the Assistant Professor level. Applicants are expected to establish a vigorous and externally funded research program in any sub-discipline of an area *broadly defined as analytical chemistry* (e.g., technique/instrumentation development, sensor development, bio-analytical, forensic analysis, environmental analysis, etc.). Candidates must have an outstanding record of scientific achievement, demonstrated by publications in peer-reviewed journals. The successful applicant should have a PhD and postdoctoral experience in any of the sub-disciplines listed above, will be expected to teach at both the undergraduate and graduate (PhD and MS) levels with particular emphasis on analytical and instrumental chemistry courses, and should demonstrate an understanding of and commitment to diversity.

The Department ([www.umbc.edu/chem](http://www.umbc.edu/chem)) is a highly cross-disciplinary and interactive group of faculty, postdoctoral fellows, and students engaged in cutting edge research, working in state-of-the-art laboratory facilities in a recently renovated building. The faculty has strong collaborations across all the departments

on campus, as well as with the nearby University of Maryland Schools of Medicine and Pharmacy and local federal agencies (Army Research Lab, Naval Research Lab, NIST, NIH, etc.).

The university is strategically situated on a suburban campus in the intellectually and culturally vibrant Baltimore-Washington corridor, providing unique opportunities afforded by its diversity, intermediate size and world-class infrastructure. UMBC is known for its commitment to academic excellence and diversity within the faculty, staff, and student body (<http://facultydiversity.umbc.edu/>). Interested candidates should submit their applications electronically using the following interfolio link: <http://apply.interfolio.com/44579>. The application should include curriculum vitae, description of research plans, and statement of teaching philosophy. When applying, candidates will be prompted to provide the names and contact information of three professionals in the field who will submit letters of recommendation in interfolio to support their application. Review of applications will begin October 16, 2017 and continue until the position is filled, with the appointment commencing in August 2018. Only full applications including all required documents and three letters of recommendation will be considered. For inquiries, please email [chemsearch@umbc.edu](mailto:chemsearch@umbc.edu).

UMBC is an Equal Opportunity/Affirmative Action Employer. Applications from women, minorities, individuals with disabilities and other traditionally under-represented

**The Department of Chemistry at Smith College** invites applications for a tenure-track, full-time position at the rank of Assistant or Associate Professor of Chemistry, to begin July 2018. The successful candidate will regularly teach advanced inorganic chemistry as well as general chemistry and may also teach electives and other courses aligning with their area of expertise. Candidates with proficiency in any subfield of inorganic chemistry are encouraged to apply. Additional relevant experience may include postdoctoral research or college-level teaching. A Ph.D. in Chemistry is expected by the time of appointment.

We seek a colleague engaged in learning, developing, and maintaining a dynamic curriculum that is responsive to the needs of Smith's diverse and talented student body. The Department of Chemistry has state-of-the-art facilities and instrumentation, and its faculty is dedicated to active research programs with undergraduate students. The successful candidate is expected to establish an active research program with undergraduate student participation. Details about the Department of Chemistry at Smith may be found at <http://www.smith.edu/chemistry>.

Located in the vibrant community of Northampton, MA, Smith College is the largest independent women's college in the country and is dedicated to excellence in teaching and research across the liberal arts. A faculty of outstanding scholars interact with students in small classes, as advisors, and through student-faculty research projects. The Five College Consortium, comprised of Smith, Amherst, Mount Holyoke, and Hampshire Colleges and the University of Massachusetts, Amherst, provides a rich intellectual and cultural life and broad collegial opportunities.

Submit application at <http://apply.interfolio.com/44225> with a cover letter, curriculum vitae, statement of teaching philosophy, description of research plans, unofficial copies of graduate and undergraduate transcripts, and three confidential letters of recommendation. Review of applications will begin October 15, 2017.

Diversifying the student body, faculty, administration, staff, and curriculum is crucial to the mission and vision for the College. We are committed to providing access and reasonable accommodation in the application process for individuals with disabilities and encourage applicants to request any needed accommodation(s). We value and are committed to a host of diverse populations and cultures, including, but not limited to, those based on ability, age, ethnicity, gender, gender identity, national origin, race, religion, sexual orientation, and veteran status.

Smith College is an EO/AA/Vet/Disability Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.

**The Department of Biochemistry at The University of Texas Southwestern Medical Center** invites applications from candidates for a tenure-track/tenured faculty position at the rank of Assistant, Associate or Full Professor. Candidates should be engaged in innovative research in organic chemistry or natural products chemistry. The Biochemistry Department offers a vibrant environment for research in chemistry, drug discovery and the chemistry biology interface. The successful applicant will be expected to carry out an effective research program and to teach at the graduate level. Assistant Professor applicants should submit a *curriculum vitae*, a summary of research experiences, a description of research plans, and three letters of reference. Candidates for a senior position are expected to have already established a vigorous independent and funded research program in organic chemistry or natural products chemistry.

Applicants for Associate/Full Professor should submit a *curriculum vitae*. All applications are due November 1, 2017 and should be submitted through the academicjobsonline web site at <https://academicjobsonline.org/ajo/jobs/9502>.

Any correspondence can be addressed to Dr. Margaret Phillips, Chair, Department of Biochemistry at [biochem.search@utsouthwestern.edu](mailto:biochem.search@utsouthwestern.edu)

*UT Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.*

**The Virginia Tech Department of Chemistry** invites applications for a tenure track faculty position at the Assistant Professor level in organic chemistry at its Blacksburg, Virginia campus. Candidates with strong expertise in the drug discovery area with a focus on chemical neuroscience, chemical biology, bioorganic chemistry, synthetic method development and natural products are particularly encouraged to apply.

The successful candidate is expected to participate in the VT Center for Drug Discovery and the Virginia Drug Discovery Consortium, which are University and State-wide drug discovery initiatives. The successful applicant will have the opportunity to collaborate with faculty across the university on the Adaptive Brain and Behavior Destination Area. A Ph.D. in Chemistry or a closely related field is required; the degree is required at the time of appointment. The successful candidate must establish an internationally recognized research program and be an effective teacher in graduate and undergraduate courses.

Applicants must submit application materials online at [www.jobs.vt.edu](http://www.jobs.vt.edu) in response to posting TR0170102. Application materials include a curriculum vitae, a description of research plans (not to exceed five pages), a statement of teaching philosophy and plans (not to exceed two pages) and three letters of recommendation. Review of applications will begin October 16, 2017 and will continue until the position is filled.

The Search Committee Chair is available to address any specific questions related to the position by email at [santos@vt.edu](mailto:santos@vt.edu) or by mail addressed to:

Professor Webster L. Santos, Search Committee Chair  
Department of Chemistry  
Virginia Tech  
900 West Campus Drive  
Blacksburg, VA 24061

For further information about the position and the Department of Chemistry, visit [www.chem.vt.edu](http://www.chem.vt.edu).