

2017 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
September 25, 2017

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

- Tuesday September 26th: *Faculty Lunch Seminar: Franz Geiger*
Tech K140
12:00-1:00pm
- NuBonD Seminar: Professor Rigoberto Hernandez,*
 Johns Hopkins University
Tech L211
2:00-3:00pm
- Wednesday September 27th: *NuBonD Seminar: Professor Rigoberto Hernandez,*
 Johns Hopkins University
Ryan Hall 4003
10:00-11:00am
- Friday September 29th: *Department of Chemistry Colloquium:*
 Birgitta Whaley, UC Berkeley
Tech LR3
4:00-5:00pm

Announcements

Antonio Facchetti has been awarded the 2017 Giulio Natta Medal, an award for exceptional contribution in broadening knowledge in Chemical Sciences. This award is given every three years to an established researcher in the sector.

BIP

BIP will meet every Friday in Tech K140 at 10:00am beginning October 13th

Arrivals

Hao Sun joined the Gianneschi Group

Opportunities

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. 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.

The Department of Chemistry at the University of Minnesota seeks to fill two or more tenure-track or tenured faculty positions.

We welcome candidates whose research interests are in any area of modern chemistry. Our department is a dynamic collegial community committed to cutting-edge multidisciplinary research and teaching, located in the heart of a vibrant diverse metropolitan area. Appointees will be expected to direct a vigorous original research program, 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 their potential for outstanding future contributions. Appointees must have completed all requirements for the Ph.D. or equivalent foreign degree by July 1, 2018 or later. Evaluation of applications will begin October 2, 2017 and will continue until the positions are filled. Candidates should apply electronically by following the link on our website (<https://chem.umn.edu/news/seekingtenure-track-or-tenured-faculty>) 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, a statement addressing the candidates experiences and commitment to diversity, and copies of their graduate transcripts. Candidates should also arrange to have three letters of recommendation sent as email attachments to chemfs@umn.edu or as hard copies to: Faculty Search Committee, Department of Chemistry, University of Minnesota, 207 Pleasant St. SE, Minneapolis, MN, 55455-0431. The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.

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
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

Application deadline: Review of applications to begin October 16th, 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

Bridgestone Americas, Inc. is an Equal Employment Opportunity (EEO) employer.

The Department of Chemistry at the University of Pittsburgh seeks to fill the position of Assistant Professor of Chemistry effective September 2018, pending budgetary approval. Candidates in any subarea of chemistry will be considered. Review of applications will begin on October 09, 2017 and will continue until the position is filled. All application materials should be submitted electronically, as per the instructions found at <https://facultysearch.as.pitt.edu/apply/index/MTk1>. Applicants should provide a cover letter, curriculum vitae, a statement of research plans, a publication list, and a statement of teaching interests. In your cover letter, please specify one sub-discipline (analytical, biological, inorganic/materials, organic, and physical) that best represents your research interests. In addition, three reference letters are required. For each reference, you will have the opportunity to input an email address, and an email notification will be sent to the designated address with instructions about uploading the letters to our system. Visit our web site, <http://www.chem.pitt.edu>, to learn more about our department. The University of Pittsburgh is an Affirmative Action/Equal Opportunity Employer and values equality of opportunity, human dignity and diversity. EEO/AA/M/F/Vets/Disabled

The Department of Chemistry and Biochemistry at Duquesne University is currently seeking a full-time faculty member for appointment as a 9-month, tenure-track, assistant professor in the areas of organic, inorganic, or physical chemistry starting August 2018. The successful candidate must have earned a PhD and have post-doctoral experience. Candidates who show exceptional promise in research and teaching at both the undergraduate and graduate levels are encouraged to apply.

Duquesne University uses Interfolio to collect applications electronically. To apply, please submit a letter of intent that addresses your reasons for applying; a personal philosophy of teaching statement containing your understanding of the teacher-scholar model; a current curriculum vitae (CV); proposed research projects; and three references (including telephone and email contact information) to <http://apply.interfolio.com/xxxx>. While the position will remain open until filled, priority will be given to applications submitted by October 1, 2017. For more information, visit chemistry@duq.edu.

For more information about the Bayer School of Natural and Environmental Sciences, please visit <http://www.duq.edu/bsnes>.

Catholic in its mission and ecumenical in spirit, Duquesne University values equality of opportunity as an educational institution and as an employer. We aspire to attract and sustain a diverse faculty that reflects contemporary society, serves our academic goals and enriches our campus community. We particularly

encourage applications from members of underrepresented groups and support dual-career couples through our charter membership in this region's HERC (<http://www.hercjobs.org/oh-western-pa-wv/>).

We invite applicants for this position to learn more about our university and its Spiritan heritage by visiting <http://www.duq.edu/about/mission-and-identity/mission-statement>. Those invited to campus for an interview may be asked about ways in which they see their talents contributing to the continued growth of our community and furthering its mission.

Assistant Professor of Chemistry – Hamilton College, Clinton, NY The Chemistry Department invites applications for a tenure track Assistant Professor to begin July 1, 2018. Core teaching responsibilities will be in Biochemistry, at both the lower and upper levels. Other teaching responsibilities may include Introductory Chemistry, and/or our junior-level integrated laboratory course. The successful candidate will be expected to guide student research during the summer and advise the required Senior Project during the academic year. Strong candidates will have the potential to develop a research program of interest to concentrators in both Chemistry and Biochemistry/Molecular Biology. A Ph.D. and postdoctoral or equivalent experience required. Applicants must demonstrate excellence, or the potential for excellence, in teaching and research with undergraduates. Experience teaching or working with diverse student populations is an asset. Excellent startup support and research space in a state-of-the-art facility will be provided. Further information about the department can be found at <http://academics.hamilton.edu/chemistry>. Please submit curriculum vitae, undergraduate and graduate transcripts (unofficial acceptable), statements describing teaching and research interests, and arrange for submission of three letters of recommendation to <https://apply.interfolio.com/43372>. Your cover letter and/or teaching statement should address the ways in which you would further the College's goal of building a diverse educational environment. Suggestions for topics to address in your teaching and research statements can be found at <http://academics.hamilton.edu/chemistry/jobs>. Questions may be directed to Ian Rosenstein, Chair at irosenst@hamilton.edu. Review of applications will begin on October 2nd.

Hamilton (www.hamilton.edu) is a residential liberal arts college located in upstate New York. Applicants with dual-career considerations can find other Hamilton and nearby academic job listings at https://www.hercjobs.org/upstate_ny/index.html, as well as additional information at <https://www.hamilton.edu/dof/faculty-development/resources-for-prospective-or-new-faculty/opportunities-for-spouses-or-partners>. Hamilton College is an affirmative action, equal opportunity employer and is committed to diversity in all areas of the campus community. Hamilton provides domestic partner benefits. Candidates from underrepresented groups in higher education are especially encouraged to apply.

RASEI (pronounced RAY-see) is a joint institute between the University of Colorado Boulder (CU-Boulder) and the National Renewable Energy Laboratory (NREL) addressing important, complex problems in energy that require a multidisciplinary, multi-institutional approach. RASEI is located in CU-Boulder's newest building on east campus, the Sustainable, Energy and Environment Complex (SEEC).

Our mission is to expedite solutions that transform energy by advancing renewable energy science, engineering, and analysis through research, education, and industry partnerships.

What we can offer:

In addition to a competitive, market-based salary, the University of Colorado offers excellent benefits, including medical, dental, retirement (with a 2-for-1 employer match), generous paid time off, tuition benefit and RTD ECO Bus Pass. The University of Colorado Boulder is one of the largest employers in

Boulder County and offers an inspiring higher education environment. Learn more about the University of Colorado Boulder.

What your key responsibilities will be:

The University of Colorado Boulder is seeking an expert in transmission electron microscopy (TEM) to manage and operate our newly established Campus Imaging Facility (CIF). The characterization equipment set resident within the CIF includes a new FEI Titan Themis G2 300 TEM equipped with a probe corrector and Super-X EDX detector and an FEI Tecnai G2 TEM.

The selected applicant will be responsible for a) supporting the research of faculty, students and external scientists using the CIF, b) ensuring safe operations, c) assisting with expanding the CIF user base, d) conducting new user orientation training required for accessing the microscopes, e) managing the maintenance contracts for each of the microscopes, and f) providing financial oversight by managing user-fee income and University investments committed in support of the CIF.

For PhD applicants, the appointment will be at the Assistant, Associate or Full Research Professor level commensurate with the candidate's prior experience. The selected candidate will have opportunity to serve as lead Principal Investigator (PI) or as contributing researcher on grant applications submitted to federal agencies, foundations or industry, and over time will be encouraged to develop and submit applications for extramural research funding.

https://cu.taleo.net/careersection/2/jobdetail.ftl?job=10415&lang=en&sns_id=mailto#.WYTOYZiIPVc.mailto

The Department of Chemistry at Syracuse University invites applications for a tenure-track faculty position at the Assistant Professor level in the areas of organic chemistry with a leading interest in bioorganic, medicinal, or polymer/materials chemistry starting in the fall of 2018. The Chemistry Department of Syracuse University, within the College of Arts and Sciences, is committed to exceptional core education in the liberal arts and excellence in research and scholarship. Many resources, facilities, and collaboration opportunities exist within the Department, College, University, and neighboring institutes, including the Syracuse biomaterials Institute, Cornell University, SUNY Upstate Medical University. Competitive salary, start-up funds and lab spaces will be provided.

Qualifications Ph.D. in Chemistry or related area and relevant postdoctoral experience.

Job Specific Qualifications

Responsibilities: Successful candidates are expected to establish an active, externally funded research program and to demonstrate excellence in graduate and undergraduate teaching, particularly in organic chemistry-related courses.

Application Instructions: For full consideration, candidates must complete an online application and include a cover letter, curriculum vitae, a description of research interests, a statement of teaching philosophy and contact information for three professional references.

<https://www.sujobopps.com/postings/71057>

Marshall, Gerstein & Borun LLP is a Chicago-based intellectual property law firm having over 85 attorneys, highly qualified patent agents, and technical specialists, all dedicated to providing superior intellectual property counseling. We specialize in prosecution and litigation in all areas of intellectual property law. We litigate nationwide, primarily within the federal court system, and obtain patents and trademark registrations for our clients in the United States and foreign patent and trademark offices.

We are currently seeking a Technical Specialist/Patent Agent for our Chemistry practice group. The right individual will have:

- Strong academic credentials, which should minimally include a Ph.D. in Organic Chemistry. Candidates should have at least a 3.0 GPA.

- Excellent written and verbal communication skills, and exceptional organizational skills.
- Ability to grasp new technical teachings quickly.
- Ability to efficiently review patent and non-patent literature for key concepts.

Responsibilities will include:

- Interviewing inventors to learn about new ideas to be patented. Our clients include some of the world's largest and most technologically advanced companies.
- Preparing patent applications, which includes drafting technical descriptions describing the inventions.
- Advocating for our clients before the U.S. Patent Trademark Office to seek issuance of a patent. This includes writing claims for the patent application, as well as analyzing patents and other publications relating to chemical inventions.
- Prior legal experience is not required, but registration with the U.S. Patent and Trademark Office (if not already established) will be expected.
- This position demands that the individual will, under the supervision of senior practitioners, assume significant client responsibilities, provide high-quality services to domestic and foreign clients, communicate with all levels of management and staff and, at times, require a significant degree of autonomy.

Compensation for this position includes an annual salary of \$80,000 +, along with customary benefits and opportunities to earn significant bonuses. Customary benefits include:

- Group Medical, Dental and Vision Insurance
- Life Insurance
- Employee and Dependent Medical Flexible Spending Account
- Pre-Tax Transportation Plan
- Short-Term Disability Program
- Long-Term Disability Insurance
- 401(K), Profit Sharing and Vesting
- Employee Assistance Program
- Moving Expenses
- Registration Fees and Related Expenses
- Continuing Legal Education
- Holiday and Paid Time Off
- Bonuses

In addition to our generous benefits package, Marshall, Gerstein & Borun offers a business-casual atmosphere and provides ample opportunity for socialization between our colleagues at monthly breakfasts, special-occasion luncheons, and out-of-office functions throughout the year. Patent Agents and Technical Specialists are also provided a generously sized private office and a culture that offers great work-life balance.

Qualified individuals interested in this position should forward a resume, transcripts and writing samples to Ms. Michele J. Gudaitis (mgudaitis@marshallip.com).

The Department of Chemistry at Furman University invites applications to fill two open-rank, tenure-track positions to begin in August 2018. One position is in the area of biochemistry and one is in any area of chemistry that complements the current research areas of the department. The department is particularly interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service. For more information and to apply, you are directed to the following sites:

Biochemistry position - <https://jobs.furman.edu/postings/6598>

Open chemistry position - <https://jobs.furman.edu/postings/6597>

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) 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.

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 positions 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

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 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 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. *Virginia Tech is an AA/EEO Employer and applications from underrepresented groups are especially encouraged.* Occasional travel to attend professional meetings and conferences are required, and University policy requires a criminal background check. Direct all general questions about the position to chem.jobs@vt.edu with the job posting number included in the subject line.

The Department of Chemistry and Biochemistry at Southwestern University seeks applicants for a tenure-track Assistant Professor position in physical chemistry beginning in August 2018. Teaching responsibilities include upper-level physical chemistry, general chemistry, chemistry for non-majors, and courses within the university's general education program such as First-Year Seminar. Other responsibilities include participation in the University's academic advising program. The successful candidate will contribute to the departmental focus on integrating inquiry-based and active learning pedagogies throughout the curriculum. Candidates who have a strong commitment to working with diverse student populations and enhancing diversity in academia are also preferred.

The Department of Chemistry and Biochemistry at Southwestern University is an American Chemical Society (ACS) certified program. The department maintains a vibrant undergraduate research program and is housed within Southwestern's multidisciplinary science center which contains state-of-the-art facilities for teaching and research and is slated to be completed in Fall 2019. Southwestern University is a selective undergraduate institution committed to a broad-based liberal arts, sciences, and fine arts education. Southwestern enrolls approximately 1500 students and maintains a student/faculty ratio of 12 to 1. Located in Georgetown, Texas, 28 miles north of downtown Austin, Southwestern is committed to fostering a diverse educational environment and encourages applications from members of groups traditionally underrepresented in academia. For information concerning the University, visit our web site at www.southwestern.edu.

Qualifications

Applicants must have completed a PhD in physical chemistry or a related field such as materials, energy, polymer, computational or atmospheric chemistry or chemical physics. Applicants with previous college-level teaching experience and/or postdoctoral experience are preferred. The candidate must be committed to excellence in undergraduate teaching and is expected to develop a productive undergraduate research program.

Application Instructions

Applicants should submit the following materials through interfolio: (1) a cover letter addressing the candidate's interest in teaching at a liberal arts institution and summarizing pertinent teaching and research experiences; discussion of leadership efforts and contributions to diversity are encouraged, (2) a curriculum vitae, (3) a brief statement of teaching philosophy that highlights how active learning will be incorporated in the candidate's teaching; (4) a concise summary of the candidate's proposed research

program with undergraduates, and (5) three letters of reference. Applications will only be accepted through interfolio at <http://apply.interfolio.com/43596>. Email and paper applications will not be accepted. Review of applications will begin on October 6, 2017 and will continue until the position is filled.

The Department of Chemistry at Washington University in St. Louis seeks to make a faculty appointment in physical chemistry to begin in the fall of 2018. The position is at the assistant-professor level. The duties of the position include conducting research, publishing research results in peer-reviewed journals, applying successfully for extramural research grants, teaching assigned courses, including general and physical chemistry, 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 in the field of chemistry or a closely related field at the time of appointment.

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

Completed applications for the position must be received by **01 October 2017** 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 Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, sexual orientation, gender identity or expression, national origin, genetic information, disability, or protected veteran status. Individuals from under-represented groups and women are especially encouraged to apply.

Scientific Information Analyst – Physical/Applied Chemistry – Chemical Abstracts Service

Job Description

At CAS, a division of the American Chemical Society, we are scientists, technologists and business leaders who continuously and passionately pursue new knowledge in our quest to fuel scientific discovery and empower innovation.

Dedicated to the ACS vision of improving people's lives through the transforming power of chemistry, the CAS team of highly trained scientists finds, collects and organizes all publicly disclosed substance information, creating the world's most reliable collection of content that is vital to innovation worldwide. CAS provides a suite of solutions relied on by researchers, patent professionals and decision-makers around the world that advance the scientific enterprise by enabling discovery and facilitating workflows.

CAS is currently seeking a Scientific Information Analyst. This position will be located in our headquarters in Columbus, Ohio.

Qualifications:

Bachelor's degree in Chemistry or related science, including successful completion of Organic chemistry coursework and a minimum of 1 year of work experience.

Excellent team player who is organized and willing to adapt to the needs and requirements of an agile organization.

Must demonstrate a proactive and flexible attitude, with a keen willingness to show initiative. Asian language skills, especially Korean and/or Japanese are a plus.

The position also requires:

Effective organizational skills, including attention to detail, time management and multi-tasking

Ability to work independently as well as part of a team

Demonstrated ability to ensure successful project completion.

Duties:

Demonstrated ability to solve complex problems within and outside of the primary group.

Demonstrated skill in handling multiple assignments with varying urgencies and priorities.

Solid analytical and problem solving skills

Excellent written and verbal communication skills

Duties:

This position will analyze the world's scientific literature, including patents and journals, for curation into CAS products. Primary responsibilities include review and curation of literature in a number of fields such as chemistry, material science, and engineering in a production environment.

Job posting- info and application at www.cas.org-

CAS offers a competitive salary and comprehensive benefits package, including a generous vacation plan, medical, dental, vision insurance plans, and employee savings and retirement plans. Candidates for this position must be authorized to work in the United States and not require work authorization sponsorship by our company for this position now or in the future. EEO/Minority/Female/Disabled/Veteran

Job Location: Columbus, Ohio, United States

Postdoctoral Position in Synthetic Inorganic Chemistry Los Alamos National Laboratory (LANL):

Seeking an outstanding candidate with extensive inorganic, organic or organometallic chemistry experience to support emerging/growing programs focused on the fields of actinide chemistry and nuclear security. Candidate will be performing synthetic chemistry to prepare, isolate and characterize novel compounds including those of the actinides, or of transition metals. Study and optimization of metal catalyzed decomposition of organic compounds to generate gas pressure at low temperatures may also be pursued. Candidate must be willing and able to work with an interdisciplinary team of scientists from multiple organizations including Chemistry, Materials Science, Engineering, Theoretical and Weapons Divisions.

Minimum Job Requirements:

A strong background and extensive hands-on experience in synthetic chemistry. The ability to work in an independent and creative fashion. Demonstrated excellence in written and oral communication skills as evidenced by a strong publication and presentation record.

Desired Skills:

Experience with standard wet- and air-sensitive chemistry techniques for molecular synthesis and characterization (chromatography, Schlenk, drybox, chromatography, NMR and optical spectroscopy, etc.) Knowledge of ligand design. Additional experience in structural analysis (XRD) is a plus.

- Demonstrated ability to work independently and with minimum supervision
- Demonstrated ability to plan and organize assignments so that schedules are met on time
- Ability to obtain a DOE "Q" clearance for one of the programs.

Education:

Ph.D. in chemistry within the last five years or soon to be completed is required

Where You Will Work

Located in northern New Mexico, Los Alamos National Laboratory (LANL) is a multidisciplinary research institution engaged in strategic science on behalf of national security. LANL enhances national security by ensuring the safety and reliability of the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction, and solving problems related to energy, environment, infrastructure, health, and global security concerns. Both positions are in the Chemistry Division

Notes to Applicants:

If interested, please send a CV with the names of three references to Jim Boncella at Boncella@lanl.gov For additional technical details, contact Dr. Jim Boncella at Boncella@lanl.gov For general information on the LANL Postdoc Program go to <http://www.lanl.gov/careers/careeroptions/postdoctoralresearch/index.php>.

The Department of Chemistry at Mount Holyoke College invites applications for a tenure-track position in Analytical Chemistry at the Assistant Professor level to begin Fall, 2018. Applicants are expected to hold a PhD and post-doctoral experience is welcomed. The successful candidate will develop and teach courses in analytical chemistry, anchor this discipline within the department's curriculum, while also contributing to teaching at the introductory level and at the upper level in their area of expertise. Research interests in all areas and applications of analytical chemistry are welcomed, alongside a drive to develop an externally funded research program that will encourage and accommodate close collaboration with undergraduates. Superb facilities for teaching and research are available, housed in a modern, integrated science center.

Mount Holyoke is an undergraduate liberal arts college for women with 2,200 students and 220 faculty. Over half of the faculty are women; one-fourth are persons of color. The teaching load is 2/2. The College is located about 80 miles west of Boston in the Connecticut River Valley and is a member of the Five College Consortium, comprising Amherst, Hampshire, Mount Holyoke and Smith Colleges together with the University of Massachusetts, Amherst.

Mount Holyoke is committed to enriching the educational experience it offers through the diversity of its faculty, administration, and staff. The College seeks to recruit and support a broadly diverse faculty who will contribute to the College's academic excellence, diversity of viewpoints and experiences, and relevance in a global society. In pursuit of these aims the College strongly encourages applications from underrepresented groups in the academy, including African Americans, Hispanics, Native Americans, Alaskan Natives, Native Hawaiians, other Pacific Islanders, LGBTQ applicants, first generation college graduates, those who have followed non-traditional paths to college by demonstrating exceptional talent and drive in the face of adverse societal, economic or academic conditions, and those with a demonstrated commitment to applying and including diverse backgrounds and perspectives to learning, scholarship, service, and leadership. All strong applicants will embrace the opportunity to work with an exceptionally talented student body that is diverse with regard to race, ethnicity, socioeconomic background and status, gender, nationality, sexual orientation, and religion.

Applications will be made on-line at <https://jobs.mtholyoke.edu> by submitting a CV and three documents concerning 1. a statement of teaching philosophy and pedagogical interests, 2. A detailed description of research plans, and 3. a statement of approach to mentoring a diverse student body. Applicants must also arrange for three letters of reference to be submitted on their behalf. Prompts for submission of these letters will be automatically generated once an online application is submitted. Review of completed applications, and their supporting letters, will continue until the position is filled. For additional information please go to: <https://www.mtholyoke.edu/acad/chemistry>