

2019 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS

October 7, 2019

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

Wednesday October 9th: *Department of Chemistry Colloquium:*
 Lauren Webb, UT Austin
 Tech LR3
 3:00-4:00pm

Arrivals

Soumitra Punekar joined the Gianneschi Group

BIP

BIP meets every Friday at 10:00am in Tech K140

Announcements

Congratulations to Yishu Jiang for being selected to be the recipient of the 2019 Gerrhard Closs Graduate Student Award by the Inter-America Photochemical Society. This award recognizes the excellent work done as a graduate student with Professor Emily Weiss.

Opportunities

The Department of Chemistry at Columbia University invites applications for a tenure track Assistant Professor position with a start date of July 1, 2020. All areas of Chemistry will be considered and candidates from all sub-disciplines are encouraged to apply. Successful candidates for this position must have the potential to do innovative and pioneering research and to teach effectively at the undergraduate and graduate levels. Application details may be found on our website at the following link:
<http://pa334.peopleadmin.com/postings/3965>

The Department of Chemistry at North Carolina State University seeks to fill tenure track faculty positions in the following areas: Analytical Chemistry, especially separation science and chemometrics; Computational/Theoretical Chemistry; and/or Organic Chemistry/Chemical Biology. In all areas, we seek candidates interested in developing innovative interdisciplinary programs targeting complex chemical and biological systems. Preference will be given to candidates whose research interests complement existing programs and initiatives in the Department, College of Sciences, and University. Our priority is to fill positions at the Assistant Professor rank, although exceptional candidates at other ranks will be considered.

Successful candidates are expected to establish a nationally and internationally recognized research program and to demonstrate strong interests and abilities in teaching and mentoring at both the undergraduate and graduate levels. Candidates must possess a PhD and post-doctoral experience in Chemistry or a related scientific field. Candidates should apply at <http://jobs.ncsu.edu> under position number **00001224** and submit electronic copies of their curriculum vitae, research proposals, and a cover letter. Candidates should also arrange for three letters of recommendation to be sent as email attachments

to chemadministration@ncsu.edu. Reviewing of applicant materials will begin **October 15, 2019** and the search will remain open until the positions are filled.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, age, veteran status, or disability. In addition, NC State University welcomes all persons without regard to sexual orientation or genetic information.

If you have general questions about the application process, you may contact Human Resources at (919) 515-2135 or workatncstate@ncsu.edu. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call (919) 515-3148. We welcome the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners.

Louisiana State University and Agricultural and Mechanical College is the premier flagship university for the state of Louisiana, committed to the employment of faculty who are excellent teacher-scholars, nationally competitive in research and creative activities, and who contribute to a world-class knowledge base that is transferable to educational, professional, cultural, and economic enterprises. The scenic campus is located in Baton Rouge, LA.

The Department of Chemistry has 34 tenure-track faculty, complemented by 10 instructors and 22 staff. Research is supported by a range of state and federal agencies and recent faculty successes include a DOE Early Investigator, a Beckman Young Investigator and two NSF CAREER awards. Research facilities are housed in Choppin Hall and the 2012 Chemistry & Materials Building. Our graduate program currently hosts a diverse group of 140 PhD students.

For more information, visit our homepage: <https://www.lsu.edu/science/chemistry/>
Assistant Professor – Organic Chemistry Position #R00039692

Qualifications: PhD in Chemistry or related field.

Specific Experience: Demonstrated excellence in research, teaching, service and leadership and strong experience in organic chemistry, broadly defined. Preference may be given to those with interests in organic materials or biologically/medicinally related applications of organic chemistry

Application Process: Applications should consist of a cover letter, curriculum vitae, proposed research and teaching philosophy, preferably in that order, as a single pdf document. Copies of transcripts may be attached to the application; original transcripts will be required prior to an appointment. Applicants should arrange to have a minimum of three letters of recommendation e-mailed directly to Amy Commander (acom@lsu.edu). Please use the following subject line: LSU Chemistry Organic Faculty

Search. *Review of applications will begin October 30th, 2019 and will continue until the position is filled.* Applications must be submitted online: https://lsu.wd1.myworkdayjobs.com/en-US/LSU/job/LSU---Baton-Rouge/Assistant-Professor_R00039692

LSU is committed to diversity and is an equal opportunity / equal access employer.

The Department of Chemistry at University of North Texas invites applications for a tenure-track faculty position in Organic Chemistry. The position will have a joint appointment in the BioDiscovery Institute (<http://bdi.unt.edu>), an interdisciplinary Institute of Research Excellence at UNT focused on fundamental research in biobased products and materials. An appointment at the Assistant Professor level

is expected; however, candidates at higher ranks may be considered. The expected start date is August 2020.

We are seeking an individual working in the general area of synthetic chemistry of biologically relevant organic compounds. Candidates should have expertise in synthetic organic chemistry, and preferably experience with lipids, natural products, or other biomolecules. Interest or experience in combining synthetic studies with biochemical or genetic approaches to deciphering biosynthetic pathways in plants, fungi or microorganisms is preferred. Candidates with research interests that address important fundamental and applied questions in the synthesis and development of bio-based products for agriculture, materials engineering, bioenergy or health-related chemistry are especially encouraged to apply. Dedicated, newly-renovated research space and state-of-the-art core facilities in genomics and analytical chemistry/biochemistry will be available to the new faculty member as part of the joint appointment in BDI. The new faculty member will also have opportunities to interface with and contribute to a growing emphasis on chemical biology within the UNT Chemistry Department.

The University of North Texas (UNT) is a Carnegie R1 research university with a diverse population of over 39,000 students. UNT is located in Denton, a cultural hot spot on the northern edge of the Dallas-Fort Worth Metroplex, one of the fastest growing metropolitan areas in the country. The UNT Chemistry Department is entering a growth phase, with plans to hire an endowed Welch Chair in Chemistry and up to 10 additional tenure-track faculty over the next five years. Our department has a strong culture of interdisciplinary collaboration, with specific strengths in computational chemistry, photochemistry, and materials chemistry.

Applicants should submit materials by visiting <http://facultyjobs.unt.edu> and searching for positions in the Chemistry Department, or by following this link. A cover letter, curriculum vitae, a statement of research interests, and a statement of teaching philosophy are requested. Letters of recommendation will be solicited on the applicant's behalf. Evaluation of applications will begin on November 1, 2019 and will continue until the position has been filled.

For more information, please visit the following: Human Resources <http://facultyjobs.unt.edu> ; College of Science <https://cos.unt.edu/>; Department of Chemistry <https://chemistry.unt.edu/> .

Louisiana State University, Assistant Professor – Organic Chemistry The Department of Chemistry, housed within LSU's College of Science, has a tenure-track faculty position available in organic chemistry.

Duties:

- 50% Teach undergraduate and/or graduate-level courses in chemistry; direct/supervise graduate and undergraduate students; participate in University service, including committee activities, supervision of teaching/research assistants and student advising, Maintain professional standards and level of competence.
- 50% Maintain a strong, well-funded, widely recognized research program publish results in appropriate journals or other media.
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Qualifications: PhD in Chemistry or related field

Specific Experience: Demonstrated excellence in research, teaching, service and leadership and strong experience in organic chemistry, broadly defined. Preference may be given to those with interests in organic materials or biologically/medicinally related applications or organic chemistry.

Application Process: Applications should consist of a cover letter, curriculum vitae, proposed research and teaching philosophy, preferably in that order, as a single pdf document. Copies of transcripts may be attached to the application; original transcripts will be required prior to an appointment. Applicants

should arrange to have a minimum of three letters of recommendation e-mailed directly to Amy Commander (acom@lsu.edu). Please use the following subject line: LSU Chemistry Organic Faculty Search. Review of applications will begin October 30th, 2019 and will continue until the position is filled.

https://lsu.wd1.myworkdayjobs.com/en-US/LSU/job/LSU---Baton-Rouge/Assistant-Professor_R00039692

The University of Texas at El Paso (UTEP) is seeking an innovative leader to serve as Chair of the Department of Chemistry and Biochemistry. Research activities in the Department encompass all major areas of chemistry and biochemistry, and faculty receive extramural funding from federal and state programs, private foundations and industry. The successful candidate is expected to be an active leader and researcher with a strong vision for developing and strengthening educational and research initiatives. Applicants must have a distinguished scientific record, demonstrated leadership skills, and a commitment to the education and mentorship of students and faculty. Candidates should have relevant administrative experience and an understanding of issues affecting faculty recruitment, promotion, and retention. The Department is especially interested in candidates who will contribute to the diversity and excellence of the academic community. For more information about the Department, please visit: www.utep.edu/science/chemistry.

Requirements:

- PhD in Chemistry or Biochemistry
- Demonstrated leadership skills
- Excellent management skills
- Distinguished record of research and teaching
- Current academic rank of tenured associate or full professor (or equivalent non-US rank)

Additional Information:

Hiring decisions are subject to final budget approval.

In keeping with its Access and Excellence mission, The University of Texas at El Paso is committed to an open, diverse, and inclusive learning and working environment that honors the talents, respects the differences, and nurtures the growth and development of all.

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

For accommodation information for employees and applicants with disabilities, please contact UTEP's Equal Opportunity Office at eoaa@utep.edu.

Application Instructions:

Applicants should submit a curriculum vitae, contact information for 5 references, and a letter of interest addressing research, education, administrative, and leadership goals.

Review of applications will begin October 21, 2019, and will continue until the position is filled.

Questions about this position should be directed to Search Committee Chair, Dr. Michael Kenney at mjkenney@utep.edu.

The Department of Chemistry & Biochemistry at Eastern Illinois University invites applications for a one-semester position: Instructor of Analytical Chemistry. Duties begin in January, 2020. A Ph.D. or substantial graduate work in chemistry or a closely related field is preferred. Teaching duties will include an undergraduate course in analytical chemistry, as well as general chemistry/general education courses.

Applicants should email a cover letter and current CV to Dr. Robert Chesnut at rwchesnut@eiu.edu. Applicants should include the names of three references.

Application review begins October 30, 2019 and will continue until the position is filled. Direct inquiries to Dr. Robert Chesnut at rwchesnut@eiu.edu.

Eastern Illinois University is an Affirmative Action/Equal Opportunity Employer - minority/female/disability/veteran - committed to achieving a diverse community.

Appalachian State University, Department of Chemistry and Fermentation Sciences is accepting applications for the following positions:

Lecturer in Analytical / Forensic Chemistry (start 01/2020):
<https://appstate.peopleadmin.com/postings/23646>

Lecturer in Organic Chemistry / Biochemistry (start 01/2020) :
<https://appstate.peopleadmin.com/postings/23639>

Assistant Professor in Chemical Education Research (start 08/2020):
<https://appstate.peopleadmin.com/postings/23627>

Assistant Professor in Inorganic Chemistry (start 08/2020):
<https://appstate.peopleadmin.com/postings/23658>

Lecturer in Chemistry (start 08/2020) : <https://appstate.peopleadmin.com/postings/23694>

The A. R. Smith Department of Chemistry and Fermentation Sciences offers a Bachelor of Science in Chemistry with eight different concentrations, including the American Chemical Society (ACS) Certified degree, Marketing and Business, Biochemistry, Environmental, Fermentation Sciences, Forensic Science, Individually Designed and Chemistry Secondary Education Licensure; a BA degree in Chemistry is also offered. The Department also offers a Bachelor of Science degree in Fermentation Sciences, which includes a background in chemistry and biology as well as business, marketing and entrepreneurial principles. The department has 20 tenure-track faculty members, 287 undergraduate chemistry majors and 66 undergraduate fermentation sciences majors. Many of the chemistry and fermentation sciences majors conduct research and disseminate their results at national, regional and local professional meetings and in peer-reviewed publications.

Appalachian State University, in North Carolina's Blue Ridge Mountains, prepares students to lead purposeful lives as global citizens who understand and engage their responsibilities in creating a sustainable future for all. The transformational Appalachian experience promotes a spirit of inclusion that brings people together in inspiring ways to acquire and create knowledge, to grow holistically, to act with passion and determination, and embrace diversity and difference. As one of 17 campuses in the University of North Carolina system, Appalachian enrolls about 19,000 students, has a low student-to-faculty ratio and offers more than 150 undergraduate and graduate majors.

Throughout their teaching, research, and service duties, the successful applicant should promote diversity and inclusive excellence.

The Department of Chemistry at the University of Houston (UH) invites applications for a tenure-track assistant professor position in experimental polymer chemistry. The faculty member will be expected to teach undergraduate and graduate-level courses in the Department of Chemistry, including possibly introductory general chemistry or introductory organic chemistry, and to perform cutting-edge

research in experimental polymer chemistry. To gain promotion to associate professor with tenure in the Department of Chemistry at UH, a faculty member is expected to garner peer-reviewed funding from a federal agency to support his or her research, publish a substantial number of papers in high impact peer-reviewed journals from research performed at UH, and establish a national reputation for excellence in research during his or her probationary period. In addition to these criteria for research excellence, the Department expects the candidate to excel at teaching, as documented through teaching evaluations, and to serve on various Departmental, College, and University committees.

To apply, upload a cover letter, full curriculum vitae, one-page statement of teaching interests and experience, summary of research plans (five pages maximum), all as PDF documents. During the application process, the applicant will be prompted to provide the names and email addresses of three people to whom requests will be sent directly for letters of recommendation.

The University of Houston, with one of the most diverse student bodies in the nation, seeks to recruit and retain a diverse community of scholars. Additionally, the University is responsive to the needs of dual career couples.

The University of Houston is an Equal Opportunity/Affirmative Action Institute. Minorities, women, veterans, and persons with disabilities are encouraged to apply.

Qualifications

Ph.D. in chemistry, materials chemistry, or chemical physics. Postdoctoral research experience or the equivalent industrial research experience strongly preferred.

https://uhs.taleo.net/careersection/ex2_uhf/jobdetail.ftl?job=FAC001078&tz=GMT-05%3A00&tzname=America%2FChicago

The Department of Chemistry and Biochemistry at Florida State University has a full-time tenure-track faculty position open at the Assistant Professor level in the area of Organic Chemistry, broadly defined. The successful candidate will be expected to develop an externally supported research program and to teach both undergraduate and graduate courses. University minimum of a Doctoral degree from an accredited institution or the highest degree appropriate in Organic Chemistry or a related field is required.

If qualified and interested in this position, apply to Florida State University at <https://jobs.fsu.edu> (search Job ID # 46319). Applicants are required to complete the online application with all applicable information. During the online application, the candidate shall submit an application package that includes, cover letter (1-2 pages), curriculum vita (1-3 pages), research prospectus (3-5 pages), and statement of teaching philosophy (1-2 pages). The candidate should arrange for three (3) letters of recommendation to be sent by email to: organicsearch@chem.fsu.edu. Deadline to apply is December 31, 2019. Review of applications will begin on October 15, 2019.

Florida State University is classified by the Carnegie Foundation as a very high research activity institution with outstanding research facilities and infrastructure support. In addition, the state of Florida has recognized Florida State University as one of two preeminent research universities in the state. The environment is highly collaborative with faculty members who have intersecting research interests that include many aspects of basic and applied research. There are two chemistry buildings with ample space for research laboratories, in addition to machine, electronic, and glass shops. The National High Magnetic Field Laboratory is less than two miles from campus. The Department offers a vibrant Organic Chemistry program and has recently added three new faculty members in the Organic field and are now seeking

another candidate in this field. For more information about FSU's Department of Chemistry and Biochemistry, visit our website at <https://www.chem.fsu.edu/>

The Department of Chemistry at Virginia Commonwealth University invites applications for a tenure-track, open rank position in Physical Chemistry to begin in fall 2020. Candidates are required to have an established research agenda and clear potential for extramural funding as well as potential for nationally-recognized scholarship in Physical Chemistry that complements or expands existing expertise in the Department of Chemistry. Teaching will primarily be in undergraduate and graduate courses in Physical Chemistry. Those candidates with theoretical/computational chemistry interests' especially in biophysical chemistry and nanoscience as applied to biology and medicine are encouraged to apply.

A Ph.D. in chemistry is required and post-doctoral experience is strongly encouraged. Applicants at all levels of professor rank will be considered. Candidates at the Associate and Full Professor levels must have a well-developed research portfolio with evidence of multi-disciplinary applications and external funding. Candidates need to submit (1) a cover letter, (2) a curriculum vitae, (3) a document containing detailed research proposals, teaching plans and an estimate of start-up costs to <https://www.vcujobs.com/>. In addition, names of three references must be entered into VCUjobs.com; these individuals will be asked to provide recommendation letters. Review of applications will begin immediately and continue until the positions are filled. Please contact Sally Hunnicutt, Search Committee Chair, sshunnic@vcu.edu for any questions about the position.

Virginia Commonwealth University enrolls about 32,000 students, including nearly 8,500 ethnic minorities. The University seeks to attract an active, culturally diverse faculty of the highest caliber. The Chemistry Department of Virginia Commonwealth University is committed to the dual mission of teaching and research at the bachelor, master and doctoral levels. In teaching, the purpose is to provide high quality education in chemistry to undergraduate as well as graduate students, in preparation for professional careers at all levels. In research, the goals are to advance the science of chemistry, to keep faculty on the forefront of the field, and to maintain an educational program consistent with the latest technology and development of the discipline. Service to the chemical profession is also an important aspect of the department's activities.

Virginia Commonwealth University is an equal opportunity, Affirmative Action University providing access to education and employment without regard to race, color, religion, national origin, age, sex, political affiliation, veteran status, genetic information, sexual orientation, gender identity, gender expression, or disability.

The Department of Chemistry at the University of Pennsylvania in Philadelphia, PA plans to make a tenure track appointment at the Assistant Professor level. The appointment will be in the broadly defined area of Organic Chemistry. Candidates with expertise in synthetic chemistry at the interface of materials science or biology are especially encouraged to apply. The candidate is expected to establish an externally funded research program and participate in the Department's undergraduate and graduate teaching mission

Required application materials include: a curriculum vitae including a list of publications, a description of proposed research, and three letters of recommendation. Review of applications will begin on October 15, 2019 and will continue until the position is filled.

The Department of Chemistry is strongly committed to Penn's Action Plan for Faculty Diversity and Excellence and to creating a more diverse faculty (for more information see: <http://www.upenn.edu/almanac/volumes/v58/n02/diversityplan.html>). The University of

Pennsylvania is an equal opportunity employer. Minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.

Stanford ChEM-H is an independent institute at Stanford University, formed in partnership with the Schools of Medicine, Humanities and Sciences, and Engineering. More information about the institute can be found on <https://chemh.stanford.edu/>. The Institute is seeking applicants for a tenure-track faculty position at the junior level (Assistant or untenured Associate Professor). Applicants are expected to have earned a Ph.D. or M.D. degree in any discipline of science, engineering or medicine.

We will consider applicants knowledgeable in any frontier area of research at the interface between chemistry, biology, engineering, and medicine. In general, we give higher priority to the overall originality and promise of the candidate's work than to the sub-area of specialization.

The successful candidate will have his/her primary appointment in a department within the School of Engineering, Humanities and Sciences, or Medicine. He/she will be expected to teach and perform clinical service (if relevant) within this department in a manner that is consistent with standard practices for tenure-track faculty within that department. The candidate will also be expected to develop a world-class research program in molecular scale science. Applicants should be seeking a stimulating interdisciplinary environment in which to pursue teaching and research. We anticipate that the faculty member will develop interactions with faculty not only in his/her home department but also in other departments and Schools at Stanford and at the SLAC National Accelerator Laboratory.

Applications should be addressed to Professor Carolyn Bertozzi, Search Committee Chair, and include a curriculum vitae (including research accomplishments, teaching experience, and publications), a description of future research plans, a teaching statement, and at least three letters of reference. All materials should be submitted online at <https://academicjobsonline.org/ajo/jobs/14296>. To ensure full consideration, applications should be submitted by October 21, 2019. Questions should be addressed to Professor Bertozzi at chemh_info@stanford.edu.

Stanford is an equal employment opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other characteristic protected by law. Stanford also welcomes applications from others who would bring additional dimensions to the University's research, teaching and clinical missions.

[Apply Now](#)

For more information on recent ChEM-H faculty hires, please visit our [Faculty Recruitment](#) page.

The Chemical Engineering Department in the College of Engineering at the University of California, Santa Barbara is seeking applications as part of an external search for two tenure-track Assistant Professor positions with a start date of July 1, 2020 or later. At a minimum, applicants must have completed all requirements for a PhD (or equivalent) except the dissertation at the time of application. Applicants must have a PhD degree or equivalent in chemical engineering or a related field by time of appointment as Assistant Professor.

Application packages should include a completed CV, contact information for 3-5 references, and a cover letter (limited to 2 pages) containing the following four elements: (1) most significant research accomplishment as a graduate student; (2) most significant research accomplishment as a postdoc (if applicable); (3) overall goals/vision for a research program at our institution; and (4) experience and qualifications that make you particularly well-suited to achieve those goals. A Statement of Research and a Statement of Teaching must also be submitted. Please submit all application materials via UC Recruit at: <https://recruit.ap.ucsb.edu/JPF01504>

The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching and service. We strongly encourage applicants to submit an optional Statement of Contributions to Diversity. These statements, if submitted, will be reviewed for evidence of teaching, research, professional and/or public service contributions that promote diversity and equal opportunity, such as effective strategies used for the educational advancement of students in various under-represented groups; demonstrated contributions to the advancement of equitable access and diversity in education; and contributions furthering diversity and equal opportunity in higher education through participation in such activities as recruitment, retention, and mentoring of scholars and students.

Applicants are encouraged to submit their applications by the primary consideration date of November 1, 2019 or until the positions are filled. Questions regarding these positions should be directed to the department at: che-jr-facrecruitment2019@chemengr.ucsb.edu

The University of California is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

The Department of Chemistry of the University of California, Irvine invites applications for a tenure-track position at the Assistant Professor level in Chemistry. We seek a Ph.D.-level scientist who will establish a vigorous research program in Chemistry; candidates with expertise in Inorganic Chemistry or the Chemistry of Soft Materials are particularly encouraged to apply. The candidate should also be committed to teach chemistry at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemistry or a related field; postdoctoral experience is desirable. Applications must be submitted electronically via the Internet at <https://recruit.ap.uci.edu/apply/JPF05547>. Applicants should upload a cover letter, a curriculum vitae (including a publication list), a concise statement of proposed research, and a teaching statement. A separate statement that addresses past and/or potential contributions to diversity, equity and inclusion should also be included in the application materials. Applicants should also arrange to have three letters of recommendation submitted on their behalf. To insure full consideration, applications and supporting materials should be received by October 15, 2019. The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy. More information about this recruitment: <http://www.chem.uci.edu>

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter
- Statement of Research
- Statement of Teaching - See our [guidance for writing a reflective teaching statement](#).
- Statement of Contributions to Diversity - Statement addressing how past and/or potential contributions to diversity will advance [UCI's Commitment to Inclusive Excellence](#).

Reference requirements

- 3-5 letters of reference require

Marquette University – Department of Chemistry A Postdoctoral Fellow position is available in the experimental physical chemistry group of Dr. Ofer Kedem. The group focuses on functional nanomaterials, and particularly nanoscale chemical communication, transport, and reaction control. Please visit the group's website at www.kedemlab.com for more details. The Postdoctoral Fellow will primarily focus on developing chemical signaling circuits based on patterned monolayers.

This is a 12-month position expected to start in January 2020 (with some flexibility), and may be renewed for an additional 12 months based on mutual agreement between the PI and the Postdoctoral Fellow.

Applications will be reviewed as they are received, and the position will remain open until an appropriate candidate has been found.

Duties and Responsibilities

Carry out experimental research in designing, synthesizing and characterizing functional monolayers with dynamic responses. Conduct research with high degree of autonomy, supervising and guiding graduate and undergraduate students. Analyze results, collaboratively author journal manuscripts and reports, and propose new research directions, as appropriate.

Required Knowledge, Skills and Abilities

Earned doctorate (or its foreign equivalent) or appropriate terminal degree.

Preferred Knowledge, Skills and Abilities

Of particular interest are candidates with experience in any of the following: (i) nanomaterial synthesis, characterization and functionalization; (ii) organic ligand synthesis; (iii) synthesis and operation of molecular switches; (iv) monolayer deposition; (v) fluorescence microscopy; (vi) programming in MATLAB, Python or similar; and (vii) modeling of reaction-diffusion systems, molecular dynamics simulations, or finite element simulations.

<https://employment.marquette.edu/postings/12309>

The Department of Chemistry and Biochemistry at the University of Delaware

(<https://www.chem.udel.edu/>) in the College of Arts and Sciences seeks a Tenure Track Assistant Professor with a concentration in *Inorganic Chemistry*, broadly defined. We encourage applications from highly creative individuals that seek to establish an externally funded, vibrant research program focused on the synthesis and/or study of inorganic complexes or materials. Individuals pursuing research that include aspects of organometallic chemistry, or who plan to work at the interface of inorganic and biological chemistry are also encouraged to apply. The successful candidate will have a PhD in chemistry or a related field, a distinguished record of scholarship and research accomplishment, and the potential for excellence in teaching of inorganic chemistry related courses at both the undergraduate and graduate levels.

Founded in 1743, the University of Delaware is situated less than an hour from Philadelphia, PA, and is within easy driving distance of New York City and Washington, D.C. UD is a Land Grant, Sea Grant, Space Grant, and Carnegie Research University with external funding exceeding \$200 million per annum. UD's growing campus currently enrolls approximately 18,000 undergraduate and 4,000 graduate students and combines a rich historic legacy with a strong commitment to education and innovation. Within the Department of Chemistry and Biochemistry, the successful candidate will benefit from a highly supportive and collaborative environment that supports a wide array of cutting-edge Core Facilities, and sports several dynamic research centers that are focused on driving advancements in fields such as chemical catalysis, energy innovation, materials design, drug discovery and biopharmaceutical development, and data science, among many others.

TO APPLY: Review of applications will begin on October 15, 2019 and will continue until the position is filled. Applicants should upload a letter of application, curriculum vitae, description of initial research plans, statement of teaching philosophy and contact information for three references

at <http://www.udel.edu/careers>. For additional information, please contact Ms. Susan Cheadle at:

sheadle@udel.edu.

The Department of Chemistry and Biochemistry at Baylor University invites applications for the position of Assistant Professor in Chemistry. Applicants will be evaluated based on their potential for developing an internationally-recognized, externally-funded research program and aptitude for excelling

as a teacher at both the undergraduate and graduate levels. Salary is commensurate with experience and qualifications.

Qualifications

Applicants should have established expertise in the general area of Organic Chemistry, possess a doctorate (Ph.D. or equivalent degree) in Chemistry, and be able to begin August 2020. Special consideration will be given to candidates who have completed postdoctoral studies and have plans to perform research at the interface of synthetic organic chemistry, biology, and medicine.

Application Instructions

Applicants should submit a cover letter, curriculum vitae, a description of research plans (6-8 pages), and a statement of teaching interests and philosophy (1-2 pages) and a copy of an official transcript showing the highest degree conferred (if the Ph.D. is in progress, a copy of the official transcript of completed Ph.D. hours should also be submitted). Candidates should arrange for 3 letters of recommendation to be submitted on their behalf. Evaluation of applications will begin on October 14 and continue until the position is filled.

<https://apply.interfolio.com/67124>

The Department of Chemistry and Biochemistry at Auburn University invites applications for a tenure-track, nine-month position at the Assistant Professor rank. Auburn University is an institution that is both highly research-active and committed to maintaining teaching excellence as one of the nation's premier land, sea, and space grant institutions. With this position, the department is looking to fill research needs in inorganic/organometallic chemistry; candidates who can augment the department's research initiatives in chemical biology are particularly encouraged to apply. The successful candidate is expected to develop a vigorous, externally funded research program. In addition, the successful candidate must demonstrate a commitment to promoting a diverse and inclusive scholarly environment in teaching, research, mentoring, and service. Duties also include teaching at both the undergraduate and graduate levels.

For more information about the College of Sciences and Mathematics and the Department of Chemistry and Biochemistry, please refer to our website: <http://www.auburn.edu/chemistry>.

Minimum Qualifications

Minimum qualifications include excellent written and interpersonal communication skills. In addition, a Ph.D. in chemistry, biochemistry, or a closely related field and at least one year of postdoctoral experience are required at the time employment begins. The selected candidate must also meet eligibility requirements to work in the U.S. on the date of appointment (August 2020) and must be able to continue working legally for the proposed term of employment.

All applicants should submit a cover letter, curriculum vitae, a detailed statement of research plans and a two-page statement of teaching philosophy which highlights a commitment to diversity and inclusion in higher education. The applicant will also need to provide the names and contact information of three professional references.

Review of applications will begin October 31, 2019 and continue until the position is filled.

<https://aufacultypositions.peopleadmin.com/postings/3805>