

2019 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
December 23, 2019

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

Northwestern University will be closed for the winter recess from December 24, 2019 – January 1, 2020.
We will return on Thursday January 2, 2020.

Arrivals

We did not have any new arrivals

BIP

BIP will resume on Friday January 10th at 10:00am in Tech K140

Opportunities

The Department of Chemistry and Biochemistry at The University of Alabama seeks an outstanding individual with expertise in chemistry or biochemistry to fill the endowed Robert Ramsay Chair in Chemistry. The candidate will be a leader at the national and international level in his or her field(s) of study, have a vigorous externally funded research program, and play a leadership role in the department. The ability to teach chemistry or biochemistry courses at both the undergraduate and graduate levels is required. The area of research is open, but areas complementary to existing research efforts in the department and at The University are of particular interest. The position is expected to be filled at the full professor level with a start date in the 2020-2021 academic year. Detailed information about the Department and its facilities can be found at <http://chemistry.ua.edu>.

Applicants should apply online at <https://facultyjobs.ua.edu/postings/xxx> and provide a curriculum vitae including a publication list, research plans and funding history, and teaching philosophy statement, as well as a list of the names of five references. Questions may be sent electronically to chemistry@as.ua.edu. Review of applications will begin January 1, 2020. Applications received after this date will be reviewed upon receipt until the position is filled. Applications from women and members of traditionally underrepresented groups in chemistry are especially encouraged.

The University of Alabama is an Equal Opportunity/Equal Access Employer and actively seeks diversity among its employees. Our mission is to advance the intellectual and social condition of the people of the state of Alabama, the nation and the world through the creation, translation, and dissemination of knowledge with an emphasis on quality programs in the areas of teaching, research and service. We are fully committed to campus life that embodies collaboration, collegiality, respect, and a culture of inclusivity. The University of Alabama recognizes the challenges of balancing work and family life of its employees. We are fully committed to

providing programs and resources that help address these needs, including employee wellness, dual career assistance, child care, resources for new parents, eldercare, employee emergency relief funds, and leave policies. See <http://hr.ua.edu/work-life-resources> and <https://www.ua.edu/about/mission> for more information.

The Department of Chemistry and Biochemistry at UCLA seeks applications for temporary lecturer positions in Inorganic Chemistry during the 2019-2020 academic year.

<https://recruit.apo.ucla.edu/JPF05053>

Responsibilities will include lecturing, conducting regularly scheduled office hours, writing and grading exams and problem sets, and supervising teaching assistants for the courses. Lecturer appointments are established quarter by quarter according to the instructional needs of the department. Applications will be kept on file for consideration for any openings that may occur throughout the year. Qualified candidates will have a Ph.D. in chemistry, organic chemistry, biochemistry, or equivalent discipline and have significant experience and strong record in teaching chemistry or biochemistry at the college level.

REQUIREMENTS FOR ALL POSITIONS

Candidates should provide a curriculum vitae, statement of teaching philosophy (max 1 page), and should arrange for 3 letters of reference to be uploaded to UCLA Academic Recruit.

Review of applications will begin immediately and will continue until the positions are filled.

The University of California, Los Angeles and the Department of Chemistry and Biochemistry are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, national origin, disability, age, sexual orientation or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see:

<https://policy.ucop.edu/doc/4000376/DiscriminatioHarassmentAffirmAction>

The Institut de Science et d'Ingénierie Supramoléculaires (ISIS) is accepting applications for a tenure track faculty position. The University of Strasbourg is committed to further strengthening its research efforts in the general area of Complex Systems, with a particular focus on synthetic chemistry, with a national grant (LabEx) offering funding for early stage independent career. It provides a stimulating and attractive environment for interdisciplinary research at the highest international level. Creative researchers with a proven track record wishing to design, synthesis and study complex systems at the molecular level are encouraged to apply. Topics may range from synthetic methodologies, to analysis of behavior or applications in catalysis / material science and/or chemical biology. The laboratories are situated in a highly interdisciplinary state of the art environment at the Institut de Science et d'Ingénierie Supramoléculaires (ISIS) in the heart of Strasbourg (<http://isis.unistra.fr/>). The position is accompanied by an attractive start-up package, including funding for coworkers, consumables

and equipment. Tenure evaluation is after 5 years. The new appointee will be expected to contribute to teaching. Applications including a curriculum vitae, a list of publications, a detailed description of future research plans, and a list of potential referees should be received no later than March 1st, 2020 by the search committee : mail to: directeur@isis.unistra.fr.

University of Calgary In 2016, the University of Calgary was awarded \$75 million, over seven years, from the Canada First Research Excellence Fund (CFREF) for its initiative entitled: “Global Research Initiative in Sustainable Low Carbon Unconventional Resources”. The goal of this research is to dramatically reduce the impact of energy extraction and energy use on the environment.

As part of the implementation of its CFREF scientific strategy and to address the Grand Challenge aiming to develop next generation of CO₂ conversion catalysis, a project in the production climate neutral synthetic fuels through electrocatalytic carbon dioxide reduction is seeking up to three team members at the Postdoctoral level to join the project.

The successful candidates will work within a multidisciplinary team of synthetic chemists, electrochemists, surface scientists and engineers consisting of 5-7 PI's, 5 PDFs and a similar number of graduate students. The primary aim will be to develop new, selective CO₂ conversion catalysts supported on novel conducting materials. While initially CO has been targeted as a product, other potential fuels will also be within scope.

Accordingly, we seek applications from qualified candidates within 2-4 years of their Ph.D. degree to fill Postdoctoral Fellow positions with the following specific qualifications:

1. Synthetic inorganic chemistry (1): Ph.D. in inorganic chemistry with an emphasis on the synthesis and characterization of organometallic and coordination compounds, particularly of the first row transition series. The ability to prepare and manipulate air and moisture sensitive compounds, and characterize them using a suite of modern spectroscopic and analytical techniques. Working knowledge of electrochemistry and electrocatalysis is also strongly desired.

2. Electrochemistry and catalysis: Ph. D. in electrochemistry with an emphasis on electrocatalysis, including homogeneous and surface electrochemistry on novel electrode materials. Experience in the evaluation and benchmarking of new CO₂ reduction catalysts, liquid/gas phase product analysis, surface and materials characterization techniques, and mechanistic analysis would be assets.

The appointments will be for 2 years with a \$55,000/year salary (CND dollars); the positions also come with sufficient research support to be managed by the candidate in consultation with the PI members of the team. In addition, the candidates will be required to work within a team environment and so excellent communication skills and the ability to work effectively with a diverse group of interdisciplinary researchers is a must. As PDF team members, strong leadership in project management is also expected.

In assembling the CFREF research teams, aggressive diversity and equity targets are in place and so applications from under-represented groups are especially encouraged.

Applications should be sent directly to Prof. Warren Piers, wpiers@ucalgary.ca, and should consist of a current CV, a list of 2-3 referees with contact information and a cover letter indicating you are applying for a position with the *Synthetic Fuels* team as a synthetic inorganic chemist or an electrochemist. Please also indicate your availability. The search will continue until the position is filled, preferably by May 1, 2020.

To be eligible as a Postdoctoral scholar at the University of Calgary, the candidate must have been awarded a PhD or equivalent within the five (5) years immediately preceding the appointment. Please review the Eligibility page for more information prior to applying for this position.