

**2020 WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY**  
**EVANSTON, ILLINOIS**  
**January 13, 2020**

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

- Monday January 13<sup>th</sup>:            *Young Scientist Seminar Series Part 2:*  
                                         *Dr. Mikael Backlund, Harvard University*  
                                         Ryan Hall 4003  
                                         11:00am-12:00pm
- Lecture: Publishing in Nature Research Journals:*  
                                         *Adam Weingarten, Nature Communications*  
                                         Ryan Hall 4003  
                                         1:00-2:30pm
- Tuesday January 14<sup>th</sup>:            *Faculty Lunch Seminar: Mike Wasielewski*  
                                         Tech K140  
                                         12:00-1:00pm
- Wednesday January 15<sup>th</sup>:        Department of Chemistry Colloquium:  
                                         Professor Gabriela Schlau-Cohen, MIT  
                                         Tech LR3  
                                         3:00-4:00pm

**Arrivals**

Bo Song joined the Stoddart Group

**BIP**

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

**Opportunities**

**Chicago Public Schools** is looking for volunteers to judge a Regional Science Fair on Friday January 17, 2020. The event will be held at Truman College in Chicago. More information and registration information can be found at:

[https://docs.google.com/forms/d/e/1FAIpQLSdPfrNL5vB8-Hdl9HieGy\\_q4-NhSyRZDahKmzIR9b1P\\_8WL0w/viewform](https://docs.google.com/forms/d/e/1FAIpQLSdPfrNL5vB8-Hdl9HieGy_q4-NhSyRZDahKmzIR9b1P_8WL0w/viewform)

**Bridge Organics Company Senior Scientist (PhD Organic Chemist)** Bridge Organics Company is a contract research and chemical manufacturing company located in Vicksburg, MI, just south of Kalamazoo, that specializes in multi-step synthesis of complex organic compounds and developing chemical processes for scale up.

### Position Summary

We seek an organic chemist at the PhD level for chemical process development from R&D through Pilot Plant scale. The position could be available on a full-time or part-time basis. The desired candidate will have a solid foundation in the practice of synthetic organic chemistry, a strong work-ethic, and good communication and organizational skills.

Key responsibilities will depend on experience but may include:

- Perform multi-step syntheses of organic compounds from gram to multi-kg scale.
- Use a combination of literature and experimentation to identify viable synthetic routes to target molecules.
- Perform optimization of chemical processes and purifications to enable safe and efficient scale-up for delivery of the required quantity of material.
- Efficiently plan and execute experiments to complete projects within deadlines and within a defined budget.
- Use and develop methods for a variety of analytical techniques including NMR, HPLC, GC and TLC.
- Collaborate with colleagues and supervise scientists and chemical operators.
- Prepare quotes for customers based on their requirements and provided technical information.
- Write project reports and effectively communicate results with customers throughout the project.

Requirements/Qualifications:

- PhD in organic chemistry with chemical process development experience preferred
- Self-starter, attention to detail, and strong organizational skills
- Ability to work independently as well as in a team environment
- Excellent oral, written and presentation skills
- Computer literate, including use of SciFinder and other online searching tools
- Able to wear respiratory protection

Interested applicants should send their resume and covering letter to [careers@bridgeorganics.com](mailto:careers@bridgeorganics.com)

**Department of Chemistry with University of Wisconsin, Madison** Two postdoctoral fellow positions to work in the general area of catalytic alkene polymerization, including the development of new instrumentation for studying fast reactions under industrial process conditions, explorations of reaction kinetics, and some synthesis. Interested applicants should contact Dr. Clark R. Landis at [landis@chem.wisc.edu](mailto:landis@chem.wisc.edu) [www.chem.wisc.edu/~landis](http://www.chem.wisc.edu/~landis)

**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>