

2020 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
January 20, 2020

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

- Tuesday January 21st: *Young Scientist Seminar Series Part 2:*
 Dr. Luigi DeMarco, University of Colorado at Boulder
 Ryan Hall 4003
 11:00am-12:00pm
- Wednesday January 22nd: *ACS Inorganic Chemistry Award Seminar:*
 Professor George Christou, University of Florida
 Tech LR3
 3:00-4:00pm
- Thursday January 23rd: *Young Scientist Seminar Series Part 2:*
 Dr. Brett McGuire, CalTech
 Ryan Hall 4003
 11:00am-12:00pm

Arrivals

Marco Ovalle joined the Stoddart Group

BIP

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

Opportunities

The National Institute of General Medical Sciences (NIGMS) is looking to hire a Program Officer with experience in the biochemical sciences to join our [Biochemistry and Bio-related Chemistry \(BBC\) Branch](#). The successful candidate will be responsible for the scientific and administrative management of a portfolio of research grants in (1) bioengineering, synthetic biology, natural product biosynthesis, and biochemical tools (e.g., engineered DNA, RNA, protein, peptides & biomimetics), or (2) bioinorganic chemistry (trace metal transport & homeostasis), metallo-enzymology, mitochondrial physiology, and other aspects of bioenergetics (redox reactions & oxidative stress).

Applicants should have broad expertise in biochemistry, familiarity with modern experimental methods, and experience in applying this knowledge to biological systems and/or therapeutics. Candidates must be U.S. citizens and should have a doctoral degree in one of the sciences underlying these research areas. Familiarity with NIH extramural funding as an applicant, reviewer, or NIH scientific administrator is a plus, and outstanding written and oral communication skills are essential.

Interested candidates should respond to the upcoming [NIH Global Recruitment](#) announcement for Health Scientist Administrators (HSA) through [USAjobs.gov](#), **which will only be posted January 21,**

2020 through January 30, 2020. There will be two GS-12/13/14 HSA (Program Officer) vacancy announcements: One for federal employees only and one for all other applicants.

In preparing an application, review and follow the [tip sheet](#) to give yourself the best possible chance to qualify and be referred. The post on [applying for scientific administration jobs at NIGMS](#) may also offer useful information. Questions regarding the open position should be addressed to Dr. Miles Fabian (FabianM@NIGMS.NIH.gov), those concerning the recruitment process to Ms. Claudia Gonzalez (Claudia.Gonzalez@NIH.gov), and those about the submission process or an application's status to the HR Specialist listed in the job announcement. Candidates completing the application process through USA jobs are encouraged to send a letter of interest and a curriculum vitae to Dr. Fabian.

Start here on January 21st --> NIH Global Recruitment: <https://hr.nih.gov/jobs/global-recruitment>

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

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 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>