

YALE UNIVERSITY
DEPARTMENT OF CHEMISTRY
THE CHEMISTRY CHRONICLE

February 13, 2015

ANNOUNCEMENTS

For further information on any of the items included here or if you would like to post something in future bulletins, please contact chemistry.adminoffices@yale.edu no later than Thursday by 12:00 p.m.

Chemistry's Visiting Days for prospective graduate students will take place on Thursday, March 5th and Friday the 6th. There will be an additional visit day (Friday, March 27th) for those unable to attend on March 5th and 6th. All correspondence regarding visits should be directed to chemistry.visitingday@yale.edu.

Do you have **"breaking news" in Chemistry** from our department that you would like to have published in the **Yale Scientific Magazine**? You can contact Christina de Fontnouvelle at christina.defontnouvelle@yale.edu. She has recently been appointed News Editor for the Yale Scientific Magazine and is excited to hear from you.

State of Connecticut 2015 Medal of Science Call for Nominations. Due date: March 13, 2015. This medal is Connecticut's highest honor for scientific achievement in fields crucial to Connecticut's economic competitiveness and social well-being. See attachment.

Yale Bouchet Graduate Honor Society Nominations: The Yale Chapter of the National Bouchet Graduate Honor Society is currently accepting nominations for graduate student and postdoctoral membership for induction on April 10, 2015. **The deadline for receipt of nomination letters and application materials is February 15, 2015.** <http://gsas.yale.edu/diversity/bouchet-graduate-honor-society> Please click on "Membership Criteria" to download the "Nomination Forms for Membership". Contact Michelle Nearon with any questions.

SEMINARS

Seminars scheduled in the Chemistry Department can be found at: <http://www.chem.yale.edu/graduate/seminars.html>

Monday, February 16. Inorganic/Biophysical Seminar: "Methylating the Unmethylatable: Mechanistic Dissection of a Radical-Dependent RNA Methylase." Squire Booker, Department of Chemistry, Biochemistry and Molecular Biology, Pennsylvania State University. Room 160, Sterling Chemistry Laboratory, 4:30 pm.

Monday, February 23. Inorganic Chemistry Seminar: "Development and Mechanistic Interrogation of New Catalyst Architectures for the Conversion of Carbon Dioxide to Solar Fuels." Joel Rosenthal, Department of Chemistry and Biochemistry, University of Delaware. Room 111, Sterling Chemistry Laboratory, 4:30 pm.

Tuesday, February 24. Physical Chemistry Seminar: "Charge Dynamics and Molecular Intermediates of Photo-Catalytic Interfaces." Tanja Cuk, Department of Chemistry, The University of California, Berkeley. Room 160, Sterling Chemistry Laboratory, 4:00 pm.

Thursday, February 26. Organic Chemistry Seminar: "Thiophene Rust in Organic Electronics." Luis Campos, Department of Chemistry, Columbia University. Room 160, Sterling Chemistry Laboratory, 4:00 pm.

MB&B Seminars:

Monday, February 16. MB&B Seminar: "Noise and Competition in Gene Expression: The Biophysics of Cellular Inconveniences." Robert Brewster, Department of Applied Physics, California Institute of Technology. Bass 305, 4:00 pm.

Tuesday, February 17. MB&B Seminar: "Integrating Protein Biophysics and Population Dynamics in Microbial Evolution." Adrian Serohijos, Department of Chemistry and Chemical Biology, Harvard University. Bass 305, 4:00 pm.

SYMPOSIA

Friday, May 15. Yale Chemical Biology Symposium will be held in SCL 110.

WORKSHOPS

2015 National Academies Summer Institute for Science & Engineering Faculty – May 27-20, 2015 at Yale (see attached flyer)

Bayer, Germany, invites postdoctoral scientists researching in the field of synthetic organic chemistry to participate in the **Bayer Postdoc Workshop 2015** in Tarrytown, NY from May 30-June 2, 2015. Interested scientists with an outstanding background in synthetic organic chemistry are asked to submit their applications (CV, certificates and abstracts of scientific research) online by March 1st, 2015. Bayer will cover all travel and accommodation costs for accepted participants. Apply at: www.career.bayer.de/PDWS

REMINDERS

2014 Electronic Form W-2 Disclosure Statement is available:
(<http://www.yale.edu/finance/controller/payroll/w2-disclosure.html>)

SCHOLARSHIPS/FELLOWSHIPS

There are many generous sources of support both at Yale and beyond campus for graduate students to conduct their research and develop as professionals. From sponsoring the Dean's Fund to convene student-

organized seminars and conferences to conducting the campus review process for the Fulbright program, the Graduate School promotes opportunities for students to fund their work at a variety of levels. In addition, the Graduate School has developed and identified a number of resources to communicate these opportunities to students. For further information, visit <http://gsas.yale.edu/funding-aid/fellowships/gsas-other-fellowships>.

The Department of Energy's (DOE) Office of Science is pleased to announce that the Office of Science Graduate Student Research (SCGSR) program is now accepting applications for the 2015 solicitation. Applications are due 5:00pm ET on Tuesday April 14, 2015. See attachment.

JOB OPPORTUNITIES

Materials Chemist Postdoctoral Researcher: Organic or materials chemist with a synthetic background and knowledge of solid phase synthesis and crystalline porous materials, capable of making substantial intellectual contributions. Ph.D. degree and/or a M.D./Ph.D. in synthetic organic chemistry and/or materials chemistry. <http://chemistryjobs.acs.org/jobs/6846237>

Genentech is currently seeking an associate level medicinal chemist. Potential candidates are encouraged to apply online.

<http://www.gene.com/careers/detail/00433918/Research-Associate-Med-Chemistry>

eMolecules, Inc. in La Jolla, CA is looking for individuals with a Chemistry background who would like to utilize their knowledge and skills on the business side. We are seeking out those who possess a Masters or PhD in Chemistry, in addition to Cheminformatics aptitude and/or interest. eMolecules, Inc. is the leading eCommerce provider of chemistry solutions to Pharma, Biotech, and academic research organizations worldwide – delivering screening compounds, chemical building blocks and customized business solutions. <https://emolecules.com/info/jobs/associate-director-business-development>

The California Institute for Biomedical Research (Calibr) is looking for talented post-doctoral fellows interested in medicinal chemistry and translational research to join our team. Calibr is a not for profit biomedical research institute focused on developing innovative new medicines for unmet needs- from regenerative medicines to drugs for neglected diseases and cancer. In the last 2.5 years the Institute has grown to ~120 scientists, most of whom are post-docs providing key scientific input on a wide range of areas (oral small molecules, cell-targeted and tissue-localized small molecules, therapeutic peptides, antibody-drug conjugates, protein fusions and cell therapies). The medicinal chemistry group has grown, and now consists of 17 post-docs, and two principal investigators. The chemistry team at Calibr has already made a large impact on the organization, contributing to the identification of 8 small molecules which have demonstrated preclinical proof of concept. We have established all the key tools for doing preclinical drug discovery (high throughput screening with a ~1M compound library, modern medicinal chemistry, cell biology, protein chemistry, and pharmacology) and provide an opportunity for post-docs to champion several projects in parallel to learn as much drug discovery chemistry/biology/pharmacology as possible within a relatively short period of time. We currently have 20+ projects that are in animal models and have been able to move several projects into the preclinical candidate stage (among them novel compounds for fibrosis, TB, arthritis and MS). Indeed we are in active partnering discussions with pharma/biotech, foundations and philanthropists to move these programs quickly to the clinic (we hope to progress multiple programs to PhI/PoC studies this year and next). In addition we have collaborations with Merck, BMS, JDRF, the Wellcome Trust, CSMA and the Bill and Melinda Gates Foundation, as well as many leading academic labs around the world. We think Calibr provides a unique environment for hands-on preclinical drug discovery/chemical biology experience in a dynamic environment with considerable guidance from outstanding PIs. For anyone contemplating a career in translational research we feel this would be terrific experience. Feel free to pass this along to interested colleagues in your department as well. Peter Schultz, Arnab Chatterjee and Jason Roland

There are two associate positions available in the **Amgen Massachusetts Med Chem group**:

- Associate Scientist (Req# 29413BR), link: <http://careers.amgen.com/en/jobs/descriptions/associate-scientist-synthetic-organic-chemistry-cambridge-massachusetts-job-5054712>
- Senior Associate Scientist (Req# 29414BR), link: <http://careers.amgen.com/en/jobs/descriptions/sr-associate-scientist-synthetic-organic-chemistry-cambridge-massachusetts-job-5054713>

PDFs of the postings are attached.

Postdoc position available at **Oxford**. See attachment for details.

Tufts University Department of Chemistry is seeking a full-time lecturer to teach general chemistry and biochemistry classes. See attached advertisement. The evaluation of candidates will effectively start on February 2, 2015.

Tufts University Department of Chemistry is seeking a full-time lecturer to assume a central, long-term role in their undergraduate teaching program. In addition to General Chemistry, the candidate will also be required to fill teaching needs in Biochemistry, Biophysical Chemistry, and Bioanalytical Chemistry.

Individuals must possess a Ph.D. in Chemistry. Teaching experience is strongly preferred. Commitment to excellence in undergraduate teaching is required. The successful candidate will demonstrate experience or interest in pedagogical innovations to enhance the retention of students in introductory level courses. The position will start of September 1, 2015. Applicants should address their applications to Lecturer Faculty Search Committee, Department of Chemistry, Tufts University, Medford, MA 02155; and submit their CV, statement of teaching philosophy, and three confidential letters of recommendation through *Interfolio* at <http://apply.interfolio.com/26897>. Evaluation of candidates began January 12, 2015, and will continue until the position is filled. For more information on the department, visit <http://chem.tufts.edu>. Tufts University is an Affirmative Action/Equal Opportunity employer. We are committed to increasing the diversity of our faculty. Women and members of underrepresented groups are strongly encouraged to apply.

Wolfe Laboratories, Inc. has two openings for candidates seeking postdoctoral work:

1. **POSTDOCTORAL SCIENTIST- PHARMACEUTICAL DEVELOPMENT (Protein)**
2. **POSTDOCTORAL SCIENTIST-PHARMACEUTICAL DEVELOPMENT (Small Molecule)**

See additional information attached. Interested candidates are requested to email a copy of their resume with a cover letter and unofficial transcripts to: steve.pangione@wolfelabs.com.

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