2016 WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS
September 12, 2016

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

Monday September 12th: *Distinguished Summer Lectures in Inorganic Chemistry:*
David Milstein, Weizmann Institute of Science
Tech L211
4:00-5:00pm

Tuesday September 13th: *Distinguished Summer Lectures in Inorganic Chemistry:*
David Milstein, Weizmann Institute of Science
Tech L211
4:00-5:00pm

Wednesday September 14th: *Distinguished Summer Lectures in Inorganic Chemistry:*
David Milstein, Weizmann Institute of Science
Tech L211
11:00am – 12:00pm

BIP

BIP meets every Friday 10-11:00am in Tech K140

Arrivals

Chung-Wei Kung joined the Hupp Group

Opportunities

The Department of Chemistry at Colorado State University, located in Fort Collins, CO, seeks to hire at least one tenure-track faculty member. While exceptional candidates from all areas of chemical science are encouraged to apply, those with research interests in organic chemistry or chemical biology are of particular interest.*

We aim to fill this position at the Assistant Professor level, but will consider exceptional candidates at the Associate Professor rank. Candidates must hold a Ph.D. or equivalent degree and be capable of outstanding teaching, scholarship, and research. Postdoctoral experience is highly desirable. Complete applications must include a detailed CV, descriptions of research plans and teaching interests, and the names of at least three references.

For more information or to apply see http://jobs.colostate.edu/postings/36544. Questions regarding the searches should be directed to Chair, Faculty Search Committee, CHEM_search_b@mail.colostate.edu. Applications will be accepted until the positions are filled; applications completed by 11:59 PM (MT) on September 30, 2016 will receive full consideration. Files of semifinalists (including reference letters) will be available to all Chemistry Department regular faculty.

*Note: this is one of three ongoing junior-level searches in the Department, collectively encompassing all areas of chemistry. See http://www.chem.colostate.edu for more information.
CSU is an EO/EA/AA employer and conducts background checks on all final candidates.

The Department of Chemistry at Colorado State University, located in Fort Collins, CO, seeks to hire at least one tenure-track faculty member; exceptional candidates from all areas of chemical science are encouraged to apply. *

We aim to fill the position(s) at the Assistant Professor level, but will consider exceptional candidates at the Associate Professor rank. Candidates must hold a Ph.D. or equivalent degree and be capable of outstanding teaching, scholarship, and research. Postdoctoral experience is highly desirable. Complete applications must include a detailed CV, descriptions of research plans and teaching interests, and the names of at least three references.

For more information or to apply see http://jobs.colostate.edu/postings/36614. Questions regarding this search should be directed to the Chair of the Open-Area Faculty Search Committee, CHEM_search@mail.colostate.edu . Applications will be accepted until the positions are filled; applications completed by 11:59 PM (MT) on November 1, 2016 will receive full consideration. Files of semifinalists, including reference letters, will be made available to all Chemistry Department regular faculty.

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The Department of Chemistry at Colorado State University, located in Fort Collins, CO, seeks to hire at least one tenure-track faculty member. While exceptional candidates from all areas of chemical science are encouraged to apply, those with research interests in soft materials are of particular interest.*

We aim to fill this position at the Assistant Professor level, but will consider exceptional candidates at the Associate Professor rank. Candidates must hold a Ph.D. or equivalent degree and be capable of outstanding teaching, scholarship, and research. Postdoctoral experience is highly desirable. Complete applications must include a detailed CV, descriptions of research plans and teaching interests, and the names of at least three references.

For more information or to apply see http://jobs.colostate.edu/postings/36719 . Questions regarding the searches should be directed to Chair, Faculty Search Committee, CHEM_search_a@mail.colostate.edu Applications will be accepted until the positions are filled; applications completed by 11:59 PM (MT) on October 3, 2016 will receive full consideration. Files of semifinalists (including reference letters) will be available to all Chemistry Department regular faculty.

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CSU is an EO/EA/AA employer and conducts background checks on all final candidates

The Department of Chemistry and Biochemistry at Santa Clara University is seeking a tenure-track assistant professor beginning Fall 2017 (pending availability of funding). Santa Clara University is a highly ranked Jesuit Catholic university with an ACS-approved undergraduate program and located in Silicon Valley. The successful candidate is expected to establish an externally funded and productive undergraduate research program in experimental biochemistry, contribute to departmental research and teaching objectives, and demonstrate the ability to teach biochemistry and general chemistry effectively.

Basic qualifications: A PhD and postdoctoral experience in biochemistry or a closely allied field is required, along with a strong commitment to teaching and undergraduate research. College teaching experience is highly desirable, and experience in teaching a diverse student population is preferred.

More details about the position and the application process can be found at:
https://jobs.scu.edu/postings/4892

Additional information on the Department of Chemistry and Biochemistry can be found on our website: https://www.scu.edu/cas/chemistry/. Inquiries about this position can be emailed to the search committee at ChemApp@scu.edu.

Application deadline is October 14, 2016.

The Hope College Chemistry Department invites applications for a tenure-track position at the Assistant Professor level to begin in Fall 2017. Primary teaching responsibilities will be in the lecture and laboratory courses in one of Analytical, Inorganic, or Physical chemistry, and in General Chemistry. The Chemistry Department (www.hope.edu/academic/chemistry) is a national leader in undergraduate research. The development of a strong, externally-funded, experimental research program involving undergraduates is expected. Start-up funds will be provided.

Qualifications: Candidates must have a Ph.D. and postdoctoral experience in environmental, analytical, inorganic, or physical chemistry.
Application Instructions: Applications are accepted online at www.hope.edu/employment/faculty . As part of the online application, candidates will upload the following documents: a cover letter, curriculum vitae, description of research plans, and statement of teaching philosophy and competencies.

Additionally, please arrange for three confidential letters of recommendation to be sent to jobs@hope.edu.
Applications received by September 23, 2016 will be assured full consideration.

A subset of candidates will be asked to submit official undergraduate and graduate transcripts and a statement describing their fit to the mission of Hope College in September and must be available for a Skype interview.

The Northeastern Section of the American Chemical Society (NESACS) is inviting nominations for its prestigious Gustavus John Esselen Award for Chemistry in the Public Interest. This award is given annually to a chemical scientist, whose scientific and technical work has contributed to the public well-being and has thereby communicated the positive values of the chemical profession. The significance of this work should have become apparent within the five years preceding nomination. The awardee shall be a living resident of the United States or Canada at the time of the nomination.

There is no limitation to the field of chemistry. The selection committee focuses on the general public recognition of the work, as well as its scientific/technical significance.

The Award consists of a bronze medal and the sum of $5,000. Travel expenses incidental to the conferring of the award will be reimbursed. The award will be presented at the April 2017 meeting of the Section. The Awardee is expected to deliver an address on the subject of the work for which the honor is conferred, or for work in progress which is also directed toward chemistry in the public interest.

Nominations should be submitted as a single pdf file including:

- a letter signed by the primary sponsor with a description of the nominee's work recognized as making a major contribution to the public welfare and as communicating positive values of the chemical profession, plus the names of two co-sponsors;
- short supporting co-sponsor statements;
- the nominee's professional biography including a list of no more than ten of the nominee's publications selected for their pertinence to the work nominated for recognition; and
- copies of popular and technical press news or feature articles indicative of public benefit and interest.

Nominations Are Due October 15, 2016 to karl@amgen.com with cc to JPiperGrady@gmail.com . Award recipients will be notified by February 1, 2017. More information can be found at: http://www.nesacs.org/awards_esselen.html

Ball State University's Department of Chemistry is inviting applications for a full-time, tenure-track faculty position in the area of biochemistry, available August 18, 2017.

Major responsibilities: Develop an externally-funded research program that complements the department's existing research, which involves undergraduate and graduate students. Teach 10-15 contact hours (8-12 credit hours) of chemistry courses each academic term, depending on released time for scholarly activity. Teaching assignments will include undergraduate and graduate level courses in biochemistry as well as general chemistry.

Minimum qualifications: Ph.D. degree in Chemistry, Biochemistry or closely related area from an accredited college or university at the time of application; postdoctoral research experience or equivalent; evidence of potential for excellence in teaching and in research.

Preferred qualifications: Teaching experience at the collegiate level, e.g. teaching assistant, instructor, Assistant Professor; research interests that focus on an area which enhances the department's existing research programs.

Send cover letter, vita, copies of undergraduate and graduate transcripts, statement of teaching philosophy, three original letters of recommendation, and description of proposed research to:

Dr. Robert E. Sammelson, Chairperson
at chemoffice2@bsu.edu

Review of applications will begin immediately and will continue until the position is filled.
www.bsu.edu/chemistry

The Department of Chemistry at Washington University in St. Louis seeks to make a faculty appointment in biochemistry to begin in the fall of 2017. The position is at the assistant-professor level. The duties of the position include conducting research, publishing research results in peer-reviewed journals, applying successfully for extramural research grants, teaching assigned courses, including introductory biochemistry, advising students, performing assigned committee work, and participating in appropriate university service. The development and maintenance of an outstanding research program and excellence in the teaching of core chemistry courses at the undergraduate and graduate levels are required. Candidates must have a Ph.D. or equivalent doctoral degree in the field of chemistry, biochemistry, or a closely related field at the time of appointment.

Applications should consist of a curriculum vitae, one or more concise research proposals, and a brief summary of research accomplishments (one-page limit). These documents are to be submitted in *electronic form* as PDF (portable document format) files to chemsearch@wustl.edu with the following in the subject line: "Biochemistry Position." Applicants should also arrange for three letters of reference to be sent to chemsearch@wustl.edu, with signed originals sent to:

Chemistry Faculty Search Committee
Department of Chemistry, Washington University
One Brookings Drive, Campus Box 1134
St. Louis, MO 63130-4899
[FAX no. (314) 935-4481]

Completed applications for the position must be received by 01 October 2016 to ensure inclusion in the initial review. However, applications received later will also be considered until the search is concluded.

The Georgia Institute of Technology, School of Chemistry and Biochemistry seeks to fill one or more tenure-track faculty positions. Candidates from all areas will be considered, with opportunities for joint appointments in other departments of science and engineering to facilitate interdisciplinary research and scholarship. Exceptional candidates at all levels are encouraged to apply. Candidates for appointment at the assistant professor level should submit an application letter, curriculum vitae, summary of research plans, description of teaching interests and philosophy, and arrange for submission of three letters of reference. Candidates at advanced levels should submit an application letter, curriculum vitae, and a brief description of research plans (particularly if future plans differ significantly from past efforts). All materials and requests for information should be submitted electronically, as per the instructions found at:

https://academicjobsonline.org/ajo/jobs/7626

The application deadline is October 1, 2016 with application review continuing until the positions are filled. Georgia Tech is an equal education/employment opportunity institution.

The University of Nevada, Reno Department of Chemistry is seeking candidates to fill a tenure-track position at the Assistant Professor Level in Inorganic Materials Chemistry (i.e. Bio(inspired)-materials, polymer research, soft materials, solid state chemistry, etc). In addition to developing an active research program in inorganic chemistry, the successful candidate will also be expected to contribute to the teaching mission of the University, and therefore must be able to teach undergraduate and graduate courses in the inorganic division. For more information about the department and its programs potential candidates should visit the website at www.unr.edu/chemistry

More information about the position and how to apply can be found at
www.unrsearch.com/postings/21505

Application review will begin October 9, 2016.

The Department of Chemistry at Wayne State University will be holding the 18th Annual Chemistry Graduate Research Symposium on October 22nd, 2016.

The symposium is a unique student organized event of graduate students to present their research to fellow students, faculty and the regional scientific community.

This event also serves to introduce new graduate students to cutting edge research in the department and acquaint prospective graduate students and their faculty advisors from regional institutions with our department.

The deadline for submitting a poster abstract in October 1st and the deadline for registration is October 15th. If you would like additional information, the symposium website can be found at www.chem.wayne.edu/symposium

Western Washington University (WWU) invites applications for a tenure-track assistant professor position in analytical chemistry beginning September 15, 2017. The Chemistry Department and the College of Sciences and Engineering are committed to WWU's strategic goal of recruiting and retaining diverse faculty, and welcome applications from diverse candidates.

About the College/Department: WWU is a primarily undergraduate state institution (about 15,000 students) in Bellingham, WA, 60 miles south of Vancouver, British Columbia and 90 miles north of Seattle. The Chemistry Department serves about 300 majors and offers M.S., B.S., and B.A., degrees in Chemistry and Biochemistry, and a combined B.A. with Education degree. The B.S. Chemistry degree is approved by the American Chemical Society. More than half of all undergraduate chemistry majors are active in faculty-mentored research projects. Many of these students present their work regionally and nationally and are co-authors on peer-reviewed publications.

Position Responsibilities: The successful candidate will be required to teach quantitative analysis and instrumental analysis as well as general chemistry and appropriate special topics courses. Successful candidates must be committed to quality undergraduate education and will be expected to develop and maintain an active research program involving undergraduate students.

Required Qualifications:
An earned Ph.D. in analytical chemistry or closely related field from an accredited institution is required at time of appointment
Record of or potential for high quality undergraduate teaching
Record of high quality scholarship in the chemical sciences
Ability to work effectively with a diverse student body
Commitment to establishing a vigorous research program involving undergraduate students

The focus of an individual's research specialization is open to all relevant areas of analytical chemistry.
Preferred Qualifications:
Post-doctoral research experience
Industrial experience in analytical chemistry
Ability to initiate or participate in cross-disciplinary collaborations
Academic Emphasis: Analytical Chemistry
Job Location: Western Washington University, Bellingham, WA

Salary: Commensurate with experience and qualifications
Bargaining Union: United Faculty of Western Washington
Application Instructions and Requested Documents:
Interested candidates must apply online via WWU's Electronic Application System for Employment. To submit your application, please go to : www.wwu.edu/jobs .

You must attach the following documents:
A cover letter addressing all the of the required and preferred qualifications
A curriculum vitae

Undergraduate and graduate transcripts
A detailed statement of research plans (max. length of four pages, not including references)
A one-page statement of teaching philosophy and interest

In addition, please arrange to have three letters of recommendation electronically submitted to chemistry.search@wwu.edu .

Other Information: Inquiries about the position may be addressed to Prof. Steven Emory at (360) - 650-7437 or steven.emory@wwu.edu.

Closing Date Notes: Application review begins September 15, 2016; position is open until filled

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 Medicine, Humanities and Sciences, or Engineering. He/she will be expected to teach and/or perform clinical service 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 chemical biology. 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 Stanford Synchrotron Radiation Laboratory.

Applications should be addressed to Professors Justin Du Bois and Chaitan Khosla, Search Committee Co-Chairs, 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/7456. To ensure full consideration, applications should be submitted by October 3, 2016. Questions should be addressed to Professors Du Bois and Khosla at chemh_info@stanford.edu.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women, members of minority groups, protected veterans and individuals with disabilities, as well as from others who would bring additional dimensions to the university's research, teaching and clinical missions.

The School of Basic Sciences at EPFL invites applications for a tenure track assistant professor of experimental physics of biological systems in the Institute of Physics.

The successful candidate must demonstrate innovative research interests within biophysics, broadly defined as the investigation of the structure, dynamics and function of biological systems, from molecules to organisms. The open position will be embedded in a collaborative environment of both theoretical and experimental research at the interface between physical and biological sciences. Unique research platforms are available on campus and elsewhere in Switzerland, including the Swiss Light

Source/SwissFEL, the Center for Biological Imaging (CIBM), the Center for Micronanotechnology (CMI) and the Center for Electron Microscopy (CIME). The appointed Professor will also enjoy close contacts with the other EPFL Schools, such as Life Sciences, Engineering, as well as the nearby Universities and University Hospitals.

Candidates must hold a PhD in physics or biophysics and possess a strong experimental background as well as an excellent publication record.

The appointee is expected to initiate an independent, creative research program and be committed to excellence in teaching physics at all levels. We offer internationally competitive salaries, benefits, and start-up resources for scientific equipment, as well as annual resources for PhD students, staff and consumables.

Applications including cover letter with a statement of motivation, curriculum vitae, publications list, concise statements of research and teaching interests as well as the names and addresses (including email) of five references should be submitted in pdf format via the website:

https://academicjobsonline.org/ajo/jobs/7454 by September 30, 2016.

For additional information about this call for applications, please contact:

Prof. Benoit Deveaud
Director of the Institute of Physics
Email: benoit.deveaud@epfl.ch

More information about EPFL and the Institute of Physics can be found at: http://www.epfl.ch/
and http://iphys.epfl.ch

The Chemistry Department of Johns Hopkins University, Baltimore, Maryland (www.chemistry.jhu.edu) invites applications from outstanding individuals in search of a tenure-track position in the area broadly defined as chemistry at the interface of biology with an anticipated starting date of July 1, 2017.

Applicants at the Assistant and Associate Professor level are preferred but exceptional candidates at the Full Professor level will also be considered. Applicants should submit a curriculum vitae, a statement of teaching interests and philosophy, and a description of research plans through Interfolio (http://apply.interfolio.com/36258). Consideration of applications will begin on October 17, 2016.

Applicants should send requests for recommendation letters from their Interfolio account to their three references. For questions about Interfolio, call (887) 997-8807 or email help@interfolio.com .

Johns Hopkins University is committed to active recruitment of a diverse faculty and student body. The University is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans and individuals with disabilities and encourages applications from these and other protected group members. Consistent with the University's goals of achieving excellence in all areas, we will assess the comprehensive qualifications of each applicant.

The Department of Chemistry at Johns Hopkins University is made up of internationally recognized faculty involved in all areas of contemporary chemical science, including many interdisciplinary areas interfacing chemistry with the fields of biology, medicine, physics and materials. There are currently ongoing research programs in analytical chemistry, atmospheric chemistry, environmental chemistry,

bioorganic chemistry, biophysical chemistry, inorganic chemistry, bioinorganic chemistry, synthetic organic chemistry, organometallic chemistry, physical organic chemistry, physical chemistry, chemical physics, surface chemistry, and theoretical chemistry. Achievements of the faculty in the department are highlighted by the many awards won each year by various faculty members, including prestigious NSF CAREER awards, Dreyfus Teacher-Scholar Awards, Dreyfus New Faculty Awards, Young Investigator Awards from the American Cancer Society, Department of Energy, DuPont and Eli Lilly, fellowships from the Sloanand Guggenheim Foundations, and Arthur C. Cope Scholar Awards.

The National Research Council of the National Academies sponsors a number of awards for graduate, postdoctoral and senior researchers at participating federal laboratories and affiliated institutions. These awards include generous stipends ranging from $42,000 - $80,000 per year for recent Ph.D. recipients, and higher for additional experience. Graduate entry level stipends begin at $30,000. These awards provide the opportunity for recipients to do independent research in some of the best-equipped and staffed laboratories in the U.S. Research opportunities are open to U.S. citizens, permanent residents, and for some of the laboratories, foreign nationals.

Detailed program information, including online applications, instructions on how to apply and a list of participating laboratories, is available on the NRC Research Associateship Programs Website (see link above).

Questions should be directed to the NRC at 202-334-2760 (phone) or rap@nas.edu.
There are four annual review cycles.

Review Cycle: **February**; Opens December 1; Closes February 1
Review Cycle: **May**; Opens March 1; Closes May 1
Review Cycle: **August**; Opens June 1; Closes August 1
Review Cycle: **November**; Opens September 1; Closes November 1

Applicants should contact prospective Adviser(s) at the lab(s) prior to the application deadline to discuss their research interests and funding opportunities. More detailed information and an online application can be found at www.nationalacademies.org/rap.