Chemistry Notices

For the Week of May 5 to May 9, 2014

Submissions: Please send to newsletter@chem.ualberta.ca by Wednesday for the following week’s edition

VISITING SPEAKERS & SEMINARS

PACIFIC RIM VISITING SPEAKER

Vivian Wing-Wah Yam (任詠華)

Professor Vivian Wing-Wah Yam is the Philip Wong Wilson Wong Professor in Chemistry and Energy at The University of Hong Kong. She is the youngest member ever elected to the Chinese Academy of Sciences (2001), and in 2012 was elected as a Foreign Associate of National Academy of Sciences (NAS USA), in addition to a long list of other prestigious awards. She has authored almost 400 publications in top caliber journals, and has an h-index of 64. She is well known for her work in the areas of inorganic/organometallic photophysics and photochemistry, molecular functional materials, spectrochemical and luminescence sensing, and solar energy conversion.

Talk 1: Versatile Metal-Ligand Chromophoric Building Blocks - From Simple Discrete Metal Complexes to Supramolecular Assembly, Nanostructures and Sensory Functions

Talk 2: Molecular Functional Materials - From Fundamentals to Energy, Materials and Biomedical Application

Talk 1
DATE: Monday, May 5th, 2014
TIME: 1:00 - 1:50 pm
PLACE: CCIS L1-160

Talk 2
DATE: Tuesday, May 6th, 2014
TIME: 2:00 - 2:50 pm
PLACE: CCIS L1-160

All Welcome To Attend! Donuts will be provided!
Department of Chemistry
University of Alberta
502 Seminar
Organic Division

Name: Burcin Akgun (Hall Group)
Title: It is All Greek to Me: Direct Asymmetric α-, β-, γ-Functionalization of Saturated Carbonyls to Access α-Amino Acid Derivatives
Date: May 5, 2014
Time: 11:00 AM
Location: CAB 265

Department of Chemistry
University of Alberta
502 Seminar
Analytical Division

Name: Ahmed Yousef Mahmoud (McDermott Group)
Title: Stacking and Separation of Neutral and Cationic Analytes in Interface-Free Two-Dimensional Heart-Cutting Capillary Electrophoresis
Date: Wednesday, 7th May, 2014
Time: 11:00 am
Location: CCIS 1-140
UNIVERSITY OF WINDSOR
Great Lakes Institute for Environmental Research and
The Department of Chemistry and Biochemistry
Tenure-Track Assistant Professor Position

The Great Lakes Institute for Environmental Research (GLIER-UW) and the Department of Chemistry and Biochemistry (Chem/Biochem) at the University of Windsor invite outstanding candidates to apply for a Tenure-Track faculty position at the rank of Assistant Professor in the area of Environmental Chemistry, commencing as early as July 1, 2014 or soon thereafter. This position is subject to final budgetary approval.

GLIER-UW and Chem/Biochem are research intensive units with active and vibrant graduate programs with diverse sources of external funding within the Faculty of Science. The successful candidate will have a joint-appointment with the two units in the Faculty of Science. To learn more about GLIER-UW and Chem/Biochem, please visit our website at http://www.uwindsor.ca/glier and http://www.uwindsor.ca/chemistry.

The successful candidate will be expected to develop an active research program and mentor graduate students in aquatic nutrient chemistry dynamics as related to primary production in aquatic ecosystems and support GLIER-UW’s mission (aquatic resource sustainability with a focus on interactions). Particularly exciting opportunities exist for research on the eutrophication crisis in the lower Great Lakes, while expertise in large-lake nutrient stress in general would be an asset. Expertise and experience in analytical methods development, chemical cycling, bioavailability and modeling and their application to environmental research approaches are considered strong assets. Existing GLIER-UW faculty members work on aquatic environmental processes and issues and have strengths in ecological tracers, fisheries, conservation and evolutionary genetics, invasion biology, ecotoxicology, predictive ecology, biogeochemistry, large-system modeling and nutrient/metal/chemical dynamics.

The ideal candidate must possess a PhD, in Chemistry and/or Environmental science with subsequent interests in developing and delivering training in instrumental analyses related to analytical chemistry in environmental systems. Teaching duties will be assigned in Chem/Biochem and shared with graduate teaching and supervision duties within the GLIER-UW graduate program. In addition, an outstanding record of research productivity, and a willingness to work in a highly collaborative and multidisciplinary research environment is expected. Significant financial resources and dedicated laboratory space are associated with this faculty position. The appointee will have access to state-of-the-art facilities including laboratories for trace organics and metals, heavy and light stable isotopes, applied molecular genetics and genomics/proteomics, toxicology, fish husbandry, GIS, computational simulation modeling, analytical and aqueous geochemistry and microscopy. In addition, a recently successful large infrastructure grant has established new facilities for advanced field and lab research, with particular focus on environmental stressors in the Great Lakes under the broad themes of biogeochemical function, genomics/proteomics and ecosystem tracers.

Applications will include:
- a letter of application, including a statement of citizenship/immigration status;
- a detailed and current curriculum vitae;
- a two (2) page outline of research interests; and
- the names of three referees.

The short-listed candidates may be invited to provide further information in support of their applications. To ensure full consideration, complete an online application (http://www.uwindsor.ca/facultypositions) by the deadline date of May 19, 2014.

Reference Letters to be sent to:
Dr. Daniel Heath, Director
Great Lakes Institute for Environmental Research, University of Windsor
401 Sunset Avenue, Windsor, Ontario N9B 3P4
Phone: (519) 253-3000 X 2732, Fax: (519) 971-3616, E-mail: glierjobs@uwindsor.ca

Applications may still be received after the deadline date. The acceptance of a late submission is at the discretion of the appointments committee. The University of Windsor is committed to equity in its academic policies, practices, and programs; supports diversity in its teaching, learning, and work environments; and ensures that applications from members of traditionally marginalized groups are seriously considered under its employment equity policy. Those who would contribute to the further diversification of our faculty and its scholarship include, but are not limited to, women, Aboriginal peoples, persons with disabilities, members of visible minorities, and members of sexual minority groups. The University of Windsor invites you to apply to our welcoming community and to self identify as a member of one of these groups. International candidates are encouraged to apply; however Canadians and permanent residents will be given priority. To ensure that you are considered within the priorities of the Employment Equity Program, you may self identify in your letter of application or in a separate letter to the Presidential Commission on Employment Equity, c/o Gerri Pacecca, Office of the Provost and Vice-President Academic, 511 Chrysler Hall Tower, 401 Sunset Avenue, University of Windsor, Windsor, Ontario, N9B 3P4. The University of Windsor, one of Ontario’s leading academic institutions, provides a learning-centred approach which prepares its graduates for the challenges of tomorrow. Information about the University of Windsor and its programs may be found at http://www.uwindsor.ca. For more information on living and working at the University of Windsor, visit the Faculty Recruitment and Retention website at http://www.uwindsor.ca/facultyrecruitment, or contact Ms. Gerri Pacecca (Email: recruit@uwindsor.ca), Faculty Recruitment Coordinator, Office of the Provost and Vice-President Academic toll-free at 1-877- 665-6608 within North America or call collect outside of North America at 001-519-561-1432.

www.uwindsor.ca/facultypositions
David M. Armstrong Doctoral Fellowship

Administration: Internal Field: Chemistry and Physics Value: $25,000 Number: 1 scholarship Duration: 1 year, renewable for a maximum of three years. Conditions: Recipients will be chosen on the basis of academic excellence. Nominees must be either Canadian citizens or hold Permanent Resident status. Renewal of the Fellowship is contingent upon a satisfactory progress report from the recipient’s supervisor and Director of Graduate Studies, which will be reviewed by the selection committee. Apply: Nominations must be submitted to the School of Graduate Studies, University of New Brunswick, Sir Howard Douglas Hall, Box 4400, Fredericton NB E3B 5A3. Selection by a three-person committee appointed by the Dean of Graduate Studies and composed of faculty members from the Physics and Chemistry GAUs. The committee will be chaired by the Dean of Graduate Studies or designate (non-voting). A representative from the J.R. Armstrong Family Foundation will also participate in the selection process. Nominations must include the following: (1) academic transcripts from all institutions attended; (2) curriculum vitae, including information about awards, citations, publications, conference presentations, relevant research or job experience, et cetera; (3) a description of the candidate’s dissertation topic, written either by the nominator or the candidate (please indicate the author). The committee understands that this proposal may not yet have been approved by the GAU concerned, but it will nonetheless require some statement of the candidate’s intended area of doctoral research; (4) a letter of nomination from the Chair of Department, or Director of Graduate Studies in the GAU outlining why this candidate is worthy of nomination for this distinguished award; (5) any essay, poster, conference paper, or other piece of documentation that the nominator may wish to include as evidence of the qualities of the candidate.


Postdoctoral Fellowship

There is an immediate opening for a postdoctoral position in the Seferos research group at the University of Toronto for an applicant with a strong background in conjugated-conductive polymer electrochemistry. The successful candidate will have a proven track record in these areas as evidenced by publications in high-impact peer reviewed journals and success in winning competitive awards. A strong background in electrochemical techniques and theory are required for this position. Applicants with experience on the electrochemistry of polymers batteries, electrochemical capacitors, and graphene are particularly sought after. The fellow is expected to engage in vigorous research project with the intention of publishing their work in leading journals. Other duties include mentoring graduate students and contributing to proposal/grant writing. The fellowship is intended to further the fellow’s career goals of obtaining a faculty position at a research-intensive school.

Applicants should send their current curriculum vita, description of doctoral (and any additional postdoctoral) research, and the names and contact information for three references by May 16, 2014 to:

Prof. Dwight Seferos
Email: dseferos@chem.utoronto.ca