Chemistry Notices

For the Week of November 21 to November 25, 2016

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

VISITING SPEAKERS AND SEMINARS

Analytical Division 502 Seminar:
Adriana Zardini Buzatto will speak on “Small Molecule Detection in Saliva Facilitates Portable Tests of Marijuana Abuse” on Wednesday, November 23rd, 2016 at 11:00 am in room CCIS 1-160.
School of Engineering – Canada Research Chair Tier 2 in Polymer Engineering

The School of Engineering, at the University of British Columbia’s Okanagan campus, invites applications for a Canada Research Chair (Tier 2) in “Polymer Engineering.” Expertise may be in any areas of applied polymer engineering and processing technology such as (but not limited to) polymeric nanocomposites and biomaterials, smart and adaptive polymers, plastics and composites, and multifunctional materials. Fundamental knowledge of polymer chemistry and processing is required. The appointment will be at the rank of Assistant or Associate Professor (tenure-track), and is expected to start on July 1, 2017 or soon thereafter. The appointment will be in School of Engineering (http://engineering.ok.ubc.ca), with opportunities for intra- and inter-Faculty research collaborations. The successful applicant must have a Ph.D. in engineering. A P.Eng. is preferred and/or the applicant should be eligible to pursue registration with the Association of Professional Engineers and Geoscientists of British Columbia.

The successful candidate will be an outstanding emerging and interdisciplinary scholar who has demonstrated strong research productivity and has potential to achieve international recognition within the next 5-10 years. A doctoral degree plus postdoctoral or equivalent experience in a relevant engineering field are required. The appointee will be expected to establish an independent, creative, high-impact, externally-funded research program. The proposed research should complement existing research programs in the School of Engineering and across campus. The appointee will have demonstrated experience or potential as an excellent teacher and mentor of undergraduate and graduate students, and will contribute to the development and delivery of core programs in the Faculty. S/he is also expected to undertake service responsibilities at the departmental, faculty, university, and professional levels, as appropriate.

Tier 2 Chairs are intended for exceptional emerging scholars. Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, etc.) may have their eligibility for a Tier 2 Chair assessed through the program’s Tier 2 justification process. Please consult the CRC website for full program information, including further details on eligibility criteria (http://www.chairs-chaires.gc.ca/).

The successful candidate will be required to participate in the preparation of a CRC nomination package for submission preferably in October 2017 or March 2018.

As one of the world’s leading universities, The University of British Columbia creates an exceptional learning environment that fosters global citizenship, advances a civil and sustainable society, and supports outstanding research to serve the people of British Columbia, Canada and the world. The School of Engineering invites you to join us in achieving UBC’s new vision.

The Faculty of Applied Science’s School of Engineering at UBC’s Okanagan campus has assembled world-class faculty and developed an innovative engineering curriculum to offer undergraduate and graduate engineering degrees in Electrical, Civil and Mechanical specializations. The campus is situated in one of the most scenic and appealing regions in Canada and offers faculty and students an intimate learning environment and exciting opportunities for interdisciplinary and region-centered research. The School of Engineering is located in a new state-of-the-art building.
How to Apply: (please visit the link: http://hr.ok.ubc.ca/careers/faculty.html

Applicants are asked to submit:
(i) a cover letter outlining qualification for the position and fit with the School of Engineering;
(ii) a curriculum vitae;
(iii) a concise proposed research program (6 pages, NSERC CRC nomination format preferred)
(iv) a one-page statement on teaching philosophy and teaching interests;
(v) up to three citations or pdf versions of scholarly publications that demonstrate contributions to the field; and
(vi) names and contact information for three or more individuals able to act as referees.

Applicants should arrange for three letters of reference, addressed to Dr. Mina Hoorfar (Director of School of Engineering), to be sent by email to: recruitment.apsc@ubc.ca. Referees must quote job ID#: 24638 in the subject line.

Canada Research Chairs are open to individuals of all nationalities. Inquiries related to the position may be directed to Dr. Mina Hoorfar at: mina.hoorfar@ubc.ca.

Application submission deadline is December 31, 2016. All appointments are subject to budgetary approval and the Chair is subject to review and approval by the CRC Secretariat.

UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply. We welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities. Canadians and permanent residents of Canada will be given priority.
The Department of Chemistry at the University of Wyoming invites applications for a tenure-track position in organic chemistry. Individuals from all areas of organic chemistry are encouraged to apply including polymer chemistry, energy science and chemical biology. The position will be filled at the Assistant Professor level and candidates must hold a Ph.D. or equivalent with postdoctoral experience highly desirable. Expectations for the successful candidate will include: excellence in teaching at the undergraduate and graduate levels, nationally recognized and externally funded research program and participation in departmental and university-wide governance. Complete applications must include a detailed CV, descriptions of research plans and teaching interests, teaching philosophy, anticipated start-up costs and three letters of recommendation. Applicants are directed to the following website for submission details: https://academicjobsonline.org/ajo/jobs/8521

Review of applications will begin Dec 9, 2016 and continue until suitable candidates are identified. The University of Wyoming is an Affirmative Action/Equal Opportunity Employer. Minority and women candidates are strongly encouraged to apply.
Prospective Student Visitation Weekend
Department of Chemistry, University of Calgary
February 17-19, 2017

The Department of Chemistry at the University of Calgary is pleased to invite students considering graduate school in Chemistry to a prospective student visitation weekend on February 17-19, 2017.

Completed application forms along with a copy of your CV and unofficial transcripts to be submitted to prospect@ucalgary.ca or mailed to:

University of Calgary
Department of Chemistry, SA 229
2500 University Drive NW
Calgary, Alberta T2N 1N4
Attn: Visitation Weekend

http://www.ucalgary.ca/chem/

Deadline to apply: December 16, 2016.

Name: __________________________
Telephone #: ______________________
Email Address: _____________________
Address: __________________________
City: ___________ Province: ___________ Postal code: ___________

Academic History:
Current Institution: ____________________
Past Institutions: _______________________
Projected Graduation Date: ____________
GPA (Overall): ________________________
OTHER OPPORTUNITIES, continued

Indicate all areas of chemistry that you are interested in pursuing (e.g. analytical, applied, biological, computational, electrochemistry, environmental, industrial, inorganic, medicinal, nanomaterials, organic, organometallic, physical, polymer, theoretical, other:__________). Indicate four to six faculty members that you would tentatively like to meet. More information is available on the websites of the individual research groups.

Thomas Back (Organic synthesis. Medicinal/bioorganic chemistry)
Thomas Baumgartner (Organic materials. Main group chemistry)
Darren Derksen (Organic Synthesis. Medicinal Chemistry)
Jürgen Gailer (Metal-based anticancer drugs. Toxicology of metals)
Belinda Heyne (Photochemistry. Nanotechnology)
Farideh Jalilehvand (EXAFS, spectroscopy, Bio-inorganic Chemistry)
Peter Kusalik (Molecular simulations, Crystal nucleation & growth, OH* in aqueous environments)
Chang-Chun Ling (Carbohydrate Chemistry, Bioorganic chemistry, Supramolecular chemistry).
Justin MacCallum (Biomolecular design. Molecular recognition and binding)
Robert Marriott (Applied industrial research)
Hans Osthoff (Analytical and atmospheric chemistry)
Warren Piers (Organometallic chemistry. Homogeneous catalysis)
Roland Roesler (Organometallic chemistry. Energy conversion and storage)
Dennis Salahub (Multiscale modeling. Chemical reactions in complex environments)
Yujun Shi (Chemical vapor deposition chemistry, metal nanoparticles by laser dewetting)
George Shimizu (Inorganic Materials. Metal organic frameworks.)
Todd Sutherland (Organic materials)
Venkataraman Thangadurai (Batteries. Fuel cells)
Simon Trudel (Nanomaterials. Electrochemistry)
Gregory Welch (Organic materials. Clean energy)

Indicate Desired Degree (MSc or PhD): ________________

Have you been in contact with any faculty member(s) within our department?

Yes / No: ________

NAME(S): __________________________________________

Did you apply for an NSERC graduate scholarship? At the University of Calgary Yes / No: ________

At another university Yes / No: ________

All reasonable travel related costs for selected applicants will be covered by the Department of Chemistry, University of Calgary. Successful applicants will be contacted by January 9, 2017.

Further information about the Department is available at http://www.ucalgary.ca/chem

This information is collected under the authority of the Freedom of Information and Protection of Privacy Act. It is required to process your request. If you have any questions about the collection or use of this information, please contact the Office of the Head, Department of Chemistry, Science A, room 229, 403-220-5340.