

Chemistry Notices


For the Week of November 29 to December 3, 2010

VISITING SPEAKERS & SEMINARS

Department of Chemistry / University of Alberta

VISITING SPEAKER

PROFESSOR MARVIN MILLER



*Department of Chemistry and Biochemistry
University of Notre Dame
Notre Dame, Indiana, USA*

will speak on

**Utilisation of Microbial Iron Assimilation
Processes for the Development of
New Antibiotics**

Date: Monday, November 29, 2010
Time: 11:00 a.m.
Place: ED N2-115 (Education Building)

JCV/sf

Nicole Beckers
Ph.D Seminar (Inorganic)

will speak on

“Synthesis and Screening of
Heterogeneous Multimetallic Nanoparticle
Catalysts for Mono-, Poly- and
Heteroaromatic Hydrogenation Activity
under Mild Conditions”

**Thursday, December 2
2:00 p.m. in Room E3-25**

Teague McGintie
502 Seminar (Analytical)

will speak on

“Development of a Differential
Interference Contrast Thermal Lens
Microscope for Sensitive Individual
Nanoparticle Detection in Liquid”

**Wednesday, December 1
11:00 a.m. in Room E3-25**

EMPLOYMENT OPPORTUNITIES

The University of Saskatchewan has two post-doctoral fellowships available immediately for highly motivated and organized individuals to help design and coordinate a new multi-investigator interdisciplinary research program on oil sands management and environmental risk assessment. This project is a key element of the Sustainable Development of Natural Resources theme of the \$30 million Canada Excellence Research Chair (CERC) in Water Security, and integrates world-class expertise at the University of Saskatchewan (U of S) in areas including hydrology, hydrogeochemistry, aquatic toxicology, environmental risk assessment and process technology. One successful candidate (post A) will work with a team of six principal investigators and several graduate students and technicians on a large scale experimental and modeling program, aimed at developing new science and risk assessment tools. The second (post B) will work on the development of new process technologies for oil extraction.

For post A, candidates must have a Ph.D. (or have a Ph.D. defense date set) in hydrology, hydrogeochemistry, aquatic toxicology, risk assessment modeling or a closely related field. For post B, a PhD in civil or chemical engineering or a closely related field is required. Applications must include a full Curriculum vitae, a list of three references who have each agreed to submit a letter of reference on behalf of the candidate if requested, complete academic transcripts (copies are acceptable), and a cover letter that addresses how the candidate meets the job qualifications and is suited for the responsibilities described above. Please send applications or direct inquiries to: Canada Excellence Research Chair, University of Saskatchewan Attn: Kate Wilson National Hydrology Research Centre 11 Innovation Boulevard, Saskatoon, SK, S7N 3H5, CANADA Tel: (306) 966-8014, Fax: (306) 966-1193, E-mail: kate.wilson@usask.ca

Virginia Tech Department of Chemistry invites applications for a position in the area of Energy and the Environment, including areas of research such as computational chemistry, electrochemistry catalysis, environmental, and polymer synthetic chemistry. The appointment level is open to both junior and senior level candidates. **Virginia Tech also** invites applications for a position the area of bioanalytical chemistry, with an emphasis on research related to mass spectrometry, spectroscopy, microanalytical techniques, imaging, protein sequencing, and trace chemical analysis. The appointment level is open to both junior and senior level candidates.

Applications and nominations will be considered until the position is filled. For more information and to submit your qualifications, go to www.jobs.vt.edu.

York University Centre for Research on Biomolecular Interactions (Toronto) searches for qualified candidates for two research and two technical positions.

The two research positions are a **Postdoctoral Fellow** and **Research Associate** who will work on the use of aptamers in cancer diagnostics and treatment. PhD in Biochemistry, Molecular Biology, or Bioanalytical Chemistry or another relevant discipline is required. Publication-proven experience of work with one or more of the following is also a requirement: DNA/RNA aptamers, mouse cancer models, whole-body fluorescence imaging, flow cytometry, confocal microscopy, new generation DNA sequencing, and mass-spectrometry.

EMPLOYMENT OPPORTUNITIES, continued

The two technical positions are a **Technician** with MSc in Molecular Biology and a **Research Assistant** with BSc in Chemistry or Biology. Salaries are competitive and depend on skills and experience.

The positions are for 3 years subject to probation and performance review and availability of funds.

Applications containing a statement of interest and a CV should be sent by e-mail to

Rosanne Evenhuis: roseeven@yorku.ca before or on November 30 2010.