

## Visiting Speakers

**Dr. Jonathan Veinot**, Department of Chemistry, University of Alberta, will speak on "Hydrogen silsesquioxane: A versatile, solution processable precursor for silicon rich oxides and freestanding Si-based nanocrystals" on Monday, September 17, 2007 at 11:00 a.m. in E3-25.

**Dr. Charles Wong**, Department of Chemistry, University of Alberta, will speak on "Measurement, occurrence, and fate of chiral and emerging organic environmental pollutants" on Wednesday, Sept. 19, 2007 at 3:30 p.m. in V-103.

**Dr. Yunjie Xu**, Department of Chemistry, University of Alberta, will speak on "Exploring chirality and chiral recognition using spectroscopic and ab initio methods" on Friday, September 21, 2007 at 2:00 p.m. in V-103.

The Harry Emmett Gunning Lecture Series presents **Prof. Mark S. Gordon**, Department of Chemistry, Iowa State University, Ames, Iowa, USA will speak in CME (Mechanical Engineering) 346 at 2:00 on the following topics:

Monday, September 17 "Solvent Effects on chemical processes: an introduction to the effective fragment potential"

Tuesday, September 18 "The effective fragment potential: A general approach to intermolecular interactions"

Wednesday, September 19 "Clusters"

Department of Chemistry, University of Alberta, analytical division visiting speaker presents **Bibudhendra Sarkar**, University of Toronto, Hospital for Sick Children, who will speak on "Metalloproteomics and metal-associated diseases" on Thursday, September 20, 2007 at 2:00 p.m. in V-103.

**Prof. Richard Ernst**, Department of Chemistry, University of Utah, will speak on "Open and half open metallocenes: Synthesis, structure, bonding, and reaction chemistry" on Monday, September 24, 2007 at 1:00 p.m. in E3-25 Chemistry

**Prof. Mark Cushman**, Department of Medicinal Chemistry and Molecular Pharmacology, Purdue University, will speak on "Synthesis of Indenoisoquinoline Topoisomerase I Inhibitors: Molecular Forces that Could Be Involved in Stabilizing the Topoisomerase I DNA Inhibitor" on Monday, Oct. 1, 2007 at 11:00 a.m. in MEC 2-1 Mechanical Engineering

**Prof. Jacqueline Barton** will speak at the University of Calgary at the following times:

- October 16<sup>th</sup> 5:00 p.m. "Travels along the DNA Helix: A different perspective" in Tom Oliver Lecture Theatre, Earth Sciences Rm. 162

- October 17<sup>th</sup> 4:00 p.m. "DNA Charge Transport Chemistry and Biology" in Administration Bldg. Rm. 142

- October 18<sup>th</sup> at 2:00 p.m. "Targeting DNA Mismatches with Metal Complexes location TBA

**CUMES** – The next cumulative examination will be held on Saturday, October 13, 2007 at 11:00 a.m. in Rm. E3-25.

Doctoral student Qing Wen was recently the subject of a Student Research Profile by the Faculty of Graduate Studies and Research. Qing's profile and that of other students can be accessed at [www.grad.ualberta.ca:4459/grad/rpodocsearch.jsp](http://www.grad.ualberta.ca:4459/grad/rpodocsearch.jsp)

## Should've: death, mysteries, new bonds

*Artist? Scientist? Lover? Ever regretted a choice you've made? Should've invites you to ponder the ethics of decisions made in both science and art and in our everyday lives.*

Should Have Theatre is a company of professional theatre artists hosted by The King's University College and the University of Alberta Department of Drama. This world premiere production was lunched before an international audience of more than a thousand chemists at IUPAC 2007 in Torino Italy on August 5 2007. For more information about the play, the issues, and the artists, see [www.shoudve.kcvs.ca](http://www.shoudve.kcvs.ca).

Two public performances are scheduled at the Timms Centre for the Performing Arts Second Playing Space, 87 Avenue and 112 Street. Show times are Friday Sept. 21 and 1:30 p.m. and Saturday, Sept. 22 at 8 p.m.

**Tickets are \$10, GST included.  
Student groups of ten or more paid  
prior to Sept. 20 are \$8.00.**

*A reception with Roald Hoffmann follows the seventy five minute performance. Please RSVP by Friday, September 14, 2007. e-mail [chrystal@edmontonculturalcapital.com](mailto:chrystal@edmontonculturalcapital.com)*

# Employment Opportunities

are posted on the bulletin board across from the elevators on the third floor. Please do not remove the employment notices from the bulletin board.

Employment opportunities are posted on a new internet site:  
<http://www.careerowl.ca>.

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**East Tennessee State University** invites applications for tenure track positions in analytical chemistry, organic chemistry, and chemical education at the assistant professor level to begin with. Please see employment board for more information.

**University of Rhode Island**, has an assistant professor position for an analytical chemist. Please see employment board for more information.

**University of Vermont** requires a tenure track assistant professor in inorganic chemistry, Department of Chemistry, College of Arts and Sciences. Please see [www.uvm.edu/~chem/](http://www.uvm.edu/~chem/)

**University of Southern Mississippi**, invites applications for at least one tenure-track assistant or associate professor position beginning aug. 2008. Please see [www.chem.usm.edu](http://www.chem.usm.edu) for more information.

**University of Western Ontario**, invites applications for one or two tenure track appointments at the rank of Assistant Professor to begin on July 1, 2008. Please see <http://www.uwo.ca/sci> for more information.

**Trinity College** invites applications for a tenure track position in Physical Chemistry to begin in the fall term of 2008. Please see employment board for more information.

## **SFU, Department of Chemistry and Nuclear Chemistry/Radiochemistry**

, invites applications for two tenure track assistant Professor positions in the area of inorganic chemistry and Nuclear Chemistry/Radiochemistry to take effect in September 2008. Please see employment board for more information.

**Université de Montreal**, Department of Chemistry has an opening for a tenure track position in analytical or bio-analytical chemistry preferably in mass spectrometry. Please see [http://www.chimie.umontreal.ca/index\\_eng](http://www.chimie.umontreal.ca/index_eng) for more information.

**University of Manitoba**, is seeking a Director for the Manitoba Chemical Analysis Laboratory. Please see [http://umanitoba.ca/cgi-bin/human\\_resources/jobs/view.pl?posting\\_id=77650](http://umanitoba.ca/cgi-bin/human_resources/jobs/view.pl?posting_id=77650) for more information.

**Edmonton Waste Management**, requires two casual laboratory technician positions. Please see employment board for more information.

**University of Calgary**, has a position for a Postdoctoral Fellow in Organic Synthesis available. Please see employment board for more information.

**Biochemical Analytical Lab**, Department of Biological Sciences, University of Alberta is currently looking for a temporary lab technician. Please see <http://www.cicedmonton.org>.

**Nova Chemicals** requires a research technologist Please see [www.futurestep.com](http://www.futurestep.com) for more information.

**Zymeworks**, has a postdoctoral position in enzyme engineering. Applicants must be eligible for NSERC Industrial R&D Fellowship and successfully complete the nomination process <http://www.nserc.gc.ca/index.htm>.

**University of California at Santa Barbara** invites applications for faculty positions in organic chemistry. See employment board for more information.

**University of Waterloo** has two tenure track faculty positions in the area of physical chemistry/chemical physics.

**VWR University runner** for distribution of catalogues, promotions, seminar notices and shows. E-mail: [Stephanie\\_hansson@vwr.com](mailto:Stephanie_hansson@vwr.com) with your resume and cover letter no later than Sept. 21, 2007.

**University of Manitoba** requires the following positions to be filled. Assistant professor in Biochemistry (tenure track); Instructor II position in organic chemistry; Instructor II in physical chemistry. <http://umanitoba.ca/chemistry/>

**Brock University** invites applications for a probationary tenure track position in analytical chemistry or in closely related areas. [www.brocku.ca](http://www.brocku.ca)