

VISITING SPEAKERS

*** TODAY ***

Prof. William Smyrl, Department of Chemical Engineering and Materials Science, University of Minnesota, will speak on Portable Fuel Cells and Portable Batteries on Friday, April 2 at 11:00 a.m. in V-107.

Dr. Roger DeKock, Department of Chemistry, Calvin College, Grand Rapids, Michigan will speak on "The ideal electronic atom" on Monday, April 5, 2004 at 11:00 a.m. in E3-25 (Chemistry) .

Canadian catalysis award lectures presents **Dr. Charles A. Mims**, Department of chemical Engineering and Applied Chemistry, University of Toronto, will speak on "Heterogeneous catalysts – how do they really work and why should we care?" on Tuesday, April 6, 2004 at 3:30 .m. in ETLC Building, ETL 1-007. Refreshments will be served at 3:20 p.m..

Dr. Michael Sailor, Department of Chemistry and Biochemistry, University of California at San Diego will speak on "Smart dust: Photonic crystals derived from nanocrystalline porous Si and their applications in sensors and medicine". On Thursday, April 8/04 at 1:00 p.m. in E3-25.

Dr. John Ripmeester, NRC Steacie Institute for Molecular Sciences, Ottawa, will speak on "Applications of NMR spectroscopy and micro-imaging to materials and processes for gas adsorption" on Thursday, April 8, 2004 in V-102 at 11:00 a.m.

Perkin Elmer presents **Dr. Jens Coorsen**, Department of Physiology and Biophysics, cellular & molecular neurobiology research group, University of Calgary. You are invited to attend the Advancing Proteomics seminar (instrumentation presentations) on April 15, 2004 from 1:00-4:00 p.m. at the University of Alberta Faculty of Medicine, Classroom A 2F1.01 Walter Mackenzie Centre sponsored by Perkin Elmer. Snacks and roundtable discussion will follow. Space is limited so please register as soon as possible by contacting John Wulff at 990-8143 or e-mail john.wulff@perkinelmer.com

502 SEMINAR

Mikyung Seo, will speak on "Elucidation of the transport mechanism of the potassium channel : A computer simulation approach." on Wednesday, April 7, 2004 at 11:00 in V-107.

Ph.D. SEMINARS

Japhet Irangu, will speak on Cu(II/I) Self-Exchange and Cu(I)-NMR linewidth in acetonitrile on Monday, April 5, 2004 at 2:00 p.m. in E3-25.

Solomon Ssenyange, will speak on "Electrochemical etching of carbon materials: Applications in microfabrication, electroanalysis and electro-spray mass spectrometry" at 2:00 p.m. in E3-25 on Thursday, April 8/04.

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>

University of Saskatchewan, requires a laboratory manager in the toxicology centre. Send applications or direct inquiries to: Dr. Karsten Liber, Director, or Dr. Mark Wickstrom, Acting Director; Toxicology Centre, University of Saskatchewan; 44 Campus Drive, Saskatoon, SK; S7N 5B3. FAX: 306-931-1664.

Graduate Student/Post-doc Career Advice: The UofA Library has a subscription to Science's Next Wave, a weekly online publication that covers scientific training, career development, and the science job market. It can be accessed through the library or at nextwave.sciencemag.org/ca/

Students interested in Pharmaceutical Sales and Marketing jobs should search for vacancies online at <http://www.sciencejobs.com>

National Institute for Nanotechnology requires a Electron Microscopy Technical Officer. Contact person Thelma Finch, Human Resources Systems Coordinator (780492-8695)

University College of Cariboo requires full-time, ongoing faculty position for chemical biology.

University of Kansas, Lawrence KS has post doctoral positions in biochemistry/biophysics and microbiology, Department of Medicinal Chemistry. Send application to sdavid@ku.edu.

Brandon University, the Department of Chemistry has an opening for a tenure track position for biochemistry. E-mail wrightj@brandonu.ca

Alberta Sulphur Research Ltd. Located in the Department of Chemistry at the University of Calgary is seeking to appoint a physical chemist.

Bayer Pharmaceuticals Corporation, Department of Chemistry, West Haven facility is seeking a synthetic organic chemist.

ChemRoutes Corporation is a new Edmonton-based chemical contract synthesis company supplying intermediates, proprietary kits and tools to the pharmaceutical, biotechnology, chemical and genomic industries. To cope with the recent growth, our development and production laboratory facility has immediate requirements for highly motivated and creative candidates who can interact effectively in a team environment.

Industrial Post-Doc Scientists: Recent Ph.D. graduate in medicinal/organic chemistry responsible for route development, optimization and synthesis of new ChemKits™

Outreach Activities can be accessed at:

www.ualberta.ca/Outreach/whats%20new.htm#science

The next cumulative examination will be held on **Saturday, April 3, 2004 at 11:00 a.m. in Room E5-36.**

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Visit our brand new Chemistry website  
and see the exciting new changes.

<http://www.chem.ualberta.ca/>

# University of Alberta

## Department of Chemistry

### Achievements and Recognitions

The Chemistry Graduate Students' Society (CGSS) is looking to fill the following positions: **President, Vice President External, VP Organic, VP Inorganic, VP Physical, and VP Analytical.** Please e-mail [amy.macdonald@ualberta.ca](mailto:amy.macdonald@ualberta.ca) by April 7 at noon to nominate someone or express interest in any of the positions. An information and voting session will be held on Thursday April 8 from 2-5pm in V-107 with refreshments and donuts provided. The CGSS was formed with the following goals in mind:

1. Organize social events to help foster greater cooperation and interaction between International and Canadian graduate students as well as graduate students in different areas of chemistry.
2. Provide useful information and services for new and continuing graduate students.
3. Invite guest speakers from other universities and industry who the graduate students would like to hear and meet.
4. Represent the chemistry graduate students to the Department, the GSA, the U of A as well as other universities, and act as liaison with industry and the CIC.

For more information about the CGSS please attend the information/voting session on April 8 from 2-5pm in V-107.

## Catalyze Your Potential

### 2004 WCUCC Winnipeg

The 18<sup>th</sup> annual Western Canadian Undergraduate Chemistry Conference

hosted by

University of Manitoba

May 6-8, 2004

Website with registration form:

[www.umanitoba.ca/chemistry/ChemClub/conference.html](http://www.umanitoba.ca/chemistry/ChemClub/conference.html)

invited speakers:

Dr. Chris Orvig (U of British Columbia)  
Dr. Mel Comisarow (U of British Columbia)  
Dr. Thomas Back (U of Calgary)  
Dr. Scott Kroeker (U of Manitoba)

Registration deadline April 20, 2004

For more info email [umgallan@cc.umanitoba.ca](mailto:umgallan@cc.umanitoba.ca)

Congratulations on behalf of the Department to Profs. **Alex Brown** and **Pierre-Nicholas Roy** for being awarded the Chemistry Students' Association Excellence in Teaching Awards for the 2003-2004 academic year! The award recognizes excellent teaching at the undergraduate level and the winners are determined by votes cast by the Honors and Specialization Chemistry students. This is the third year that the awards have been given. The awards will be presented to Drs. Brown and Roy at a reception with the next week.

Congratulations on behalf of the Department to Jeffrey Mowat, a 3rd year Chemistry Specialization student, for being awarded a Pfizer Summer Undergraduate Research Fellowship. The award recognizes excellence in research potential in the area of organic chemistry. Only 20 of these fellowships are given out in North America. As part of the award, Jeffrey and his mentor, Prof. Fred West, will be able to attend the Pfizer Conference at their laboratories in October of this year to present their research.

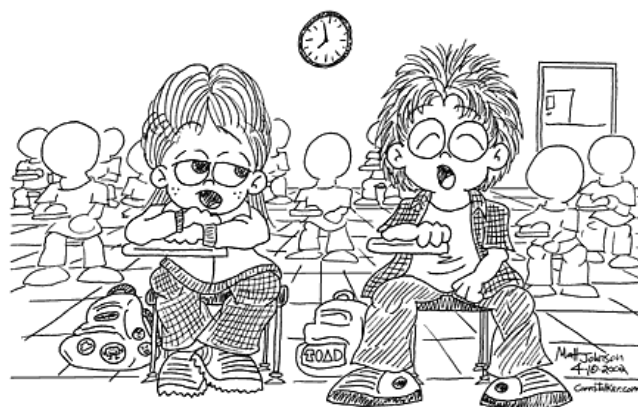
Congratulations to the following graduate students who were recently awarded NSERC PGS and PDF fellowships.  
*NSERC Canada Graduate Scholarship:* Bryan Demko and Glen Shoemaker.

*NSERC Postgraduate Scholarship Doctoral:* Chantel Benson, Marc Boudreau, Ebbing de Jong, Nathan Gerein, Tina Grant, Hugo Lachance, Leon Lau, Amy MacDonald, Graham Murphy, Richard Paproski, Mathew Willans.

*NSERC Postdoctoral Fellowship:* Katie Campbell, Stephen Fletcher, Michel Gravel, Nathaniel Martin.

Also, congratulations to the following graduate students who were recently awarded an *Alberta Ingenuity Scholarship:* Darren Derksen, Sherri MacLeod, Feng Peng, Wei Shi, and Zheng Su

Well done, the Department is proud of your accomplishments.



"How can losing one hour of sleep be so exhausting?"