



## VISITING SPEAKERS

**Dr. Colin Raston**, University of Western Australia, will speak on "Controlling the confinement and interplay of fullerene C60 and other icosahedral molecules" on Thursday, April 22, 2004 at 11:00 a.m. in E3-25.

### 502 SEMINAR

**Eric Flaim** will speak on Molecular rectification and conductance switching in carbon-based molecular junctions by structural rearrangement accompanying electron injection on Wednesday, April 21, 2004 at 11:00 AM in Room V-110.

**Brenden Schill** will speak on "Developments and Applications of the Mukaiyama Michael reaction." On Monday, April 26, 2004 at 11:00 in V-107.

## Notices

**Cumulative Examinations** will be held on **Saturday, May 8, 2004 at 11:00 a.m. in Room E5-36** (May 1 date is canceled).

**Sabbatical Home** - Live close to University of Alberta in this charming, sunny one-and-a-half storey home on a quiet, tree-lined street in McKernan. This house is fully furnished, including fridge, washer/dryer, dishwasher, stove, gas grill, chest freezer, and other appliances. No pets, no smokers. \$1000 CAN/month, utilities extra. Available 9/03-8/04 (negotiable). Additional details including photos can be found at: [http://www.sabbaticalhomes.com/result\\_query\\_details.asp?MessageID=11653](http://www.sabbaticalhomes.com/result_query_details.asp?MessageID=11653)

Email [dietmark@athabascau.ca](mailto:dietmark@athabascau.ca) or call (780) 431-4924.

### *Chemistry 401 Presentations:*

*Monday, April 26, 2004 1:00-3:00 p.m. in E3-25*

**Logan LaRocque:** "Magnetic Resonance Imaging of an operating fuel cell"

**Andrea Lui:** "Development for combinatorial atomic force microscopy (AFM)"

**June Ng:** "How can a detector be modified?"

**Dennis Wenger:** "Possible applications of new photonic crystal fibres in Raman spectroscopy".

### *Chemistry 401 Presentations:*

*Tuesday, April 27, 2004 1:00-3:30 p.m. in E3-25*

**Colin Hessel:** "Biotransformation of PCB's in a tidal marsh food web".

**Robbie Nissen:** Synthesis of Methyl 5-Methylthio-alpha-D-Arabinofuranoside

**Jessica Ponto:** "Synthesis of a Rhodococcus suber lipoarabinomannan fragment."

**David Wingert:** "Indirect formation of a nitrogen heterocycle onto a benzene ring via radical cyclization."

**Wing Chung:** "Thermal dissociation of metal ion-carbohydrate complexes  $M^{2+}$  (trehalose)<sub>n</sub> in the gas phase".

## 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>

The Department of Chemistry is searching for an Analytical Laboratory Coordinator. The position will soon be posted. If you are interested please monitor the following URL - <http://www.careers.ualberta.ca/Opportunities/index.aspx?Page=4> . Submit your application according to the instructions and not directly to the department.

**Rocky Mountain College**, requires an assistant professor of organic chemistry <http://www.rocky.edu>

**Rocky Mountain College**, requires a director of their NMR facility in the department of chemistry. <http://www.rocky.edu>

**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/](http://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 (780)492-8695

**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](mailto:sdavid@ku.edu).

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

**Outreach Activities** can be accessed at:

[www.ualberta.ca/Outreach/whats%20new.htm#science](http://www.ualberta.ca/Outreach/whats%20new.htm#science)

The Edmonton Waste Management Centre is conducting a preview event for University researchers on April 27, 2004 to showcase two new research facilities at the City's Clover Bar Waste Management Centre and Gold Bar Wastewater Treatment Plant. For additional information about these tours and registration information please see Lin Ferguson.

...more exciting news on next page...

**Chemistry Graduate Students' Society** official results of the April 8, 2004 voting for executive members of the Chemistry Graduate Students' Society. The counting of the votes was conducted by: Amy MacDonald (graduate student), Kowlasar Misir (graduate student), Josef Takats (associate chair, graduate studies).

Name	Yes	No	Abstain
President: Richard Paproski	60	5	3
Vice President External: Leon Lau	56	8	4
VP Organic: Ali Rostami	59	5	4
VP Inorganic: Jason Anderson	60	1	4
VP Physical: Wendy Topic	61	1	6
VP Analytical: Nicholas Warner	59	2	7

**Catalyze your potential** – The 18<sup>th</sup> annual western Canadian undergraduate chemistry conference hosted by the 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 and Dr. Mel Comisarow (both of UBC), Dr. Thomas Back (U of Calgary) and Dr. Scott Kroeker (U of Manitoba). Registration deadline April 20, 2004. For more info email [umgallan@cc.umanitoba.ca](mailto:umgallan@cc.umanitoba.ca)

**University of Ottawa National Undergraduate Chemistry Conference** October 1 & 2, 2004. Registration and abstract submission deadline: August 15<sup>th</sup>, 2004. Travel award application deadline: July 15, 2004

**CSC Career Fair** held in conjunction with: 87<sup>th</sup> Canadian Chemistry Conference and Exhibition at the London Convention Centre May 31, 2004 9:00-16:00. Contact information Gale Thirlwall-Wilbee; Career Services Manager, Canadian Society for Chemistry; 130 Slater Street, Suite 550; Ottawa, On; K1P 6E2; Ph: 613-232-6252 ext. 223; FAX: 613-232-5862; [gwilbee@chminst.ca](mailto:gwilbee@chminst.ca). For more information [www.csc2004.ca](http://www.csc2004.ca)

## University of Alberta Department of Chemistry Achievements and Recognitions

Congratulations to the following graduate students who were recent winners in the University of Alberta 2004 General Awards Competition.

Andrew Stewart Memorial Graduate Prize: Stephen Fletcher  
Province of Alberta Graduate Fellowship: Mitchel Flegel, Xuri Gao, Dazhan Liu, Corbin Ralph, Mahmoud Yassine and Maolin Yu



Congratulations to Dave Bundle on winning the 2004 Bernard Belleau Award from the Canadian Society for Chemistry. This Award is presented to a scientist residing in Canada who has made a distinguished contribution to the field of medicinal chemistry through research involving biomedical or organic chemical mechanisms. This Award will be presented during the 87th Canadian Chemical Conference which is taking place in London, Ontario from May 29 - June 1, 2004.



Congratulations to Jed Harrison, who joined the ice racing community this season, which is organized by the Northern Alberta Sports Car Club (NASCC). Races were held on the ice in January and February on Telford Lake in Leduc, and at Lac La Biche. Driving a spiffy Dodge Omni, number 57, Jed turned in a season that earned him the **Rookie of the Year Award**. Some photos of the season are available at <http://www.nascc.ab.ca/pvgphotos.html>



Congratulations to John Klassen who has been chosen as one of this year's winners of the PetroCanada Young Innovator Award. This award comes with \$15,000 in research funds. Beers are on John!

### TODAY'S JOKE

It was time for the final and the student depending upon getting at least one right answer on the chemistry test.

The question was "If h<sub>2</sub>O is water, what is h<sub>2</sub>O<sub>4</sub>?"

This was a quick question for most, but it took the student some thinking time.

Finally, he wrote down his answer: For drinking, washing, and cleaning.

# GOOD LUCK WITH YOUR EXAMS STUDENTS!