

# Chemistry Newsletter

Office Hours for Chemistry General Office and Purchasing  
Monday – Friday 8:15-12:00 and 1:00-4:15

April 15, 2005 Volume 32 No. 15

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**Prof. James Morken**, Department of chemistry, University of North Carolina at Chapel Hill, will speak on “Catalytic asymmetric synthesis thru the intermediacy of stereogenic carbon-metal bonds” on Monday, May 2, 2005 at 11:00 a.m. in V-107

The Reuben Benjamin Sandin Lecture series presents **Prof. Henri Kagan**, Department of Chemistry, Université Paris Sud University, will speak on the following topics in E1-60

Mon., May 9 11:00 a.m.	“Some aspects of screening in asymmetric catalysis
Tues., May 10 4:00 p.m.	“History of asymmetric synthesis”
Wed. May 11 11:00 a.m.	Asymmetric amplification and propagation of chirality in chemical systems

## 502 SEMINARS

**Wei Shi** will speak on “Organic synthesis of Endohedral fullerenes and their potential application in medicine” at 11:00 a.m. in V-107 on Monday, April 18/05

**Hongmei Shang** will speak on Shielded stationary phases base on porous polymer monoliths for the capillary electrochromatography of highly basic biomolecules” at 11:00 a.m. in V-107 on Wednesday, April 20.

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**W.E. Harris Teaching workshop in Analytical Chemistry, May 26-27, 2005.** To assist with planning for a symposium being organized at the CSC Conference in Walter Harris’ honour please e-mail either [ron.kratochvil@ualberta.ca](mailto:ron.kratochvil@ualberta.ca) or [Robert.Crawford@ualberta.ca](mailto:Robert.Crawford@ualberta.ca)

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Notice to all users of the Micro-analytical Laboratory's Elemental Analysis Service:

Due to unforeseen circumstances, elemental analyses are not able to be performed during the period of 04 to 15 April. Routine analysis of samples should resume 18 April.

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**Reactive intermediates in photochemistry – an international symposium celebrating Tito Scaiano’s achievements** August 24-26, 2005, University of Ottawa, Ottawa, Canada.  
<http://scaiano-symposium.com/index.html>

**Genomics Workshop** will be held from May 2-7 in Calgary. Prereq: Bioinformatics workshop or equivalent experience. Workshop counts towards a Certificate in Bioinformatics [www.bioinformatics.ca](http://www.bioinformatics.ca)

**National Carbohydrate Symposium** organized by the Alberta Ingenuity Centre for Carbohydrate Science to be held at the Fairmont Chateau Lake Louise April 29 and 30, 2005. [www.aiccs.com](http://www.aiccs.com)

**April 25, 2005 Monday, 10:00 a.m. - Chem E4-36**  
**Ryan Lister- TBA**

**Dominique Hebert** “Electro-oxidation of Isopropanol in an alkaline medium with possible application as a fuel for a rechargeable fuel cell”

**Jesse Li- TBA**

**Jeffrey Mowat- TBA**

**Rick Berkenbosch** “The Optimization of Patterning in Inverted Atomic Force Microscopy”

**April 29, 2005 Friday, 10:00 a.m. E5-36**  
**Jesse Kadosh - TBA**

**Hariyanto Darmawan** “Electric dipole moment of Van der Waals complexes: Helium-carbonyl sulfide”

**May 2, 2005 Monday, 10:00 a.m. E5-36**  
**Melissa Gajewski** “Inversion of symmetric polystyrene b- polyvinyl-4 pyridine micelles on substrates”.

**Lise Menard** “Patterning linear features on semiconductor surfaces via Diblock copolymer templates”.

**Jose Rodriguez** “TGA and TPD analysis of hydrogen desorption from nanoporous silicon matrix”.

**Stephanie Wong** “Pair Densities for the Investigation of Quantum Nanodroplets”.

**Felicia Owokalu - TBA**

**May 3, 2005 Tuesday, 10:00 a.m. E5-36**

**Paul Bichler- TBA**

**Ruokun Zhou-** “Preparation of a Pyran-2-one building block for the study of [4+4]-photocycloaddition reaction

**Hashem Taha- TBA**

**Shauna Durocher** “Arsenic speciation in a variety of food samples using HPLC-ICPMS”  
Tyler Taerum

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 Ontario – Institute of Technology**, invites applications for a position of senior laboratory instructor to start on June 15, 2005 competition #UOIT05-06. <http://www.uoit.ca/Cabot Superior MicroPowders>, requires an analytical laboratory manager scientist. <http://w1.cabot-corp.com/controller.jsp?N=21+1008>

**Renaissance College and Faculty of Science at UNB** invite applications for a joint position in chemistry and interdisciplinary education at the Instructor level. [www.unb.ca/renaissance/TRH2](http://www.unb.ca/renaissance/TRH2) and [www.unb.ca/Fredericton/science/chem](http://www.unb.ca/Fredericton/science/chem)

**Grant MacEwan College**, Faculty of Arts and Science seeks an excellent candidate for a full time instructor appointment in the area of organic/bioorganic for the Department of Chemistry, beginning July 2005.

**Position Title: Postdoctoral Fellowships ?** (1) Macromolecular Design for DNA Delivery, and (2) Organic Chemistry of Bisphosphonates. Background in organic, peptide, or biochemistry is desired. Location: Department of Chemical & Materials Engineering, University of Alberta. Contact: Hasan Uludag, Associate Professor, University of Alberta, e-mail: [hasan.uludag@ualberta.ca](mailto:hasan.uludag@ualberta.ca).

**St. Mary's University College** requires a full time lecturer or assistant professor in Chemistry (limited term 12 month position) see employment board for more details

**Voisey's Bay Nickel Co.** is recruiting 2 permanent, full time Chemists and 1 senior chemist. See employment board for more details

**Triumf** is looking for a good synthetic chemist at the Master level. [www.coop.uvic.ca/chemcoop](http://www.coop.uvic.ca/chemcoop)

**University of California**, Department of Chemistry is searching for an Assistant or Associate Professor level in Biophysical NMR Spectroscopy. [www-chem.ucdavis.edu](http://www-chem.ucdavis.edu)

**Roche** has opportunities for the following employment opportunities – Research Associate I/II/III; Research Scientist II and principal research scientist/Research leader for medicinal chemistry and research scientist I/II for Pharmaceutical Analysis. <http://paloalto.roche.com>

**Cornell University**, has a Postdoctoral position available in the Department of Microbiology and Immunology at the Medical College of Cornell University.

**Mount Allison University** invites applications for a three year term appoint in experimental physical/analytical chemistry subject to budgetary approval. Dealine is April 15/05 <http://www.mta.ca/faculty/science/chem/index.html>

**Le campus de Moncton** recherche des candidatures au poste Titulaire de la chaire d'Études K.C. Irving en développement durable [www.umoncton.ca](http://www.umoncton.ca)

**Outreach Activities** can be accessed

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

**Edmonton Regional Science Fair is recruiting judges for the Fair on April 9, 2005.** Please see [www.scincehotline.ca](http://www.scincehotline.ca) for more information.

Congratulations to Drs. M. Klobukowski and Fred West for being awarded the Students Teacher of the Year Award

Congratulations to the following people for the awards listed

Margaret Ann Armour	Montreal Medl (CIC)
Lois Bronwe	Faculty of Science Teaching Innovation
David Bundle	- Claude S. Hudson in Carbohydrate Chemistry - J. Gordin Kaplan for Excellence in Research
Jillian Buriak	The Forum of oung Global Leaders
Laura Deakin	William Hardy Alexander for Excellence in Sessional Teaching
Dennis Hall	Faculty of Science Research
Liang Li	Killam Annual Professorship
Albin Otter	Faculty of Science Service

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### Chemistry Graduate Students' Society Notices:

#### Item 1: CGSS Elections Are Coming!!! Nominate Someone!!!

The Chemistry Graduate Students' Society (CGSS) is looking to fill the following positions: **President, VP External, VP Organic, VP Inorganic, VP Physical, VP Analytical, Treasurer, Secretary, and two new Social Convenor positions.**

A Voting and Information Session will be held on **Monday April 18 from 1-5pm in V-107** with refreshments and donuts provided. Please visit [www.chem.ualberta.ca/~cgss](http://www.chem.ualberta.ca/~cgss) for more information about the CGSS and the upcoming elections!

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*You are Invited To... John Wiley and Sons*

*University of Alberta Chemistry Technology Demonstration Day*



*Date: Monday, April 18th, 2005*

*Demonstration Sessions:*

*12:00pm - eGradePlus for "Chemistry, 4th Edition" by Olmsted and Williams*

*2:00pm - eGradePlus for "Organic Chemistry, 8th Edition" by Solomons and Fryhle*

*Both sessions will also showcase MolQuiz*

*\*\*Upper level chemistry texts will be on display for viewing from 11:00am until 3:00pm in between information sessions.\*\**

*Place: Department of Chemistry, E3-25*

*- Refreshments will be served*

*- Bring a business card to win one of three gift certificates - One for each information session and one for the day*