

## VISITING SPEAKERS

**Saman Alavi**, Steacie Institute for molecular sciences, National Research Council of Canada, Ottawa, Ontario, will speak on "Molecular dynamics simulations in environmental materials science: Room temperature ionic liquids, hydrogen clathrates, and calixarenes" in V-128 Physics on Friday, November 25/05 at 3:15 p.m.

**Prof. Yves L. Dory**, Laboratoire de synthèse supramoléculaire, Département de Chimie, Université de Sherbrooke, Sherbrooke, QC will speak on "Design, synthesis and characterization of cyclic peptides self assembling as supramolecular tubes or spheres" on Monday, November 28, 2005 at 11:00 a.m. in V-107.

Department of Chemistry, Analytical Division presents **Simon J. Gaskell**, Director, The Michael Barber Centre for Mass Spectrometry, The University of Manchester, UK, will speak on "Quantitative proteomics – multiple perspectives and new approaches" on Wednesday, Nov. 30 at 10:00 a.m. in V-112.

## 502 SEMINAR(S)

**Dianjie Hou** will speak on "Quorum sensing in bacterial communication and biofilm formation" on Monday, December 5 at 11:00 a.m. in V-107.

**Owen Lightbody** will speak on "Dendrimer synthesis and dendritic encapsulation of metalloporphyrins" on Wednesday, November 30, 2005 at 11:00 a.m. in V-107

**Cums:** The next cumulative examination will be held on Saturday, December 3, 2003 at 11:00 a.m. in E5-36.

### Applying for Alberta Ingenuity Scholarships

Speakers from Alberta Ingenuity will share information and application tips on the AI Scholarships (formerly Studentships). 4th-year undergraduate students, 1st-year MSc and PhD students and professors recruiting graduate students should find this workshop particularly helpful.

Register online at the Learning Shop.

**Event URL:** <http://rsoregistration.ualberta.ca>

**Date** Friday, December 9, 2005 9:00 AM - 10:30 AM

#### Location

Room E2-001, [Engineering Teaching and Learning Complex \(ETLC\)](#)

### Applying for Alberta Ingenuity Industrial Associateships

Speakers from Alberta Ingenuity will share information and application tips on the AI Industrial Associateships. This workshop will be of particular interest to MSc and PhD students in their final year of study and recent (less than five years) MSc/PhD graduates interested in working in Alberta industry.

Register to attend at the Learning Shop.

**Event URL:** <http://rsoregistration.ualberta.ca>

**Date** Friday, December 9, 2005 11:00 AM - 12:00 PM

#### Location

Room E2-001, [Engineering Teaching and Learning Complex \(ETLC\)](#)

## 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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**University of Alberta**, The Department of Chemistry invites applications for a faculty service officer position, Director of undergraduate organic chemistry laboratories. [http://www.chem.ualberta.ca/about/employment\\_opps.html](http://www.chem.ualberta.ca/about/employment_opps.html)

**University of Minnesota Duluth** invites applications in the Department of Chemistry and Biochemistry for a tenure track faculty position at the assistant professor level. <http://www.d.umn.edu/Chemistry>, U of Alberta

**Malaspina University College**, Department of Chemistry is re posting for a full time faculty appointment beginning Aug. 1/06 with interests in either chemical Oceanography or Marine Natural Products. See employment board for more information.

**University of Montana** seeks to fill a tenure track position in Biochemistry. <http://www.umt.edu/chemistry>

**University of Nebraska**, invites applications for one or more tenure-track tenured faculty positions with research interests in analytical or bioanalytical chemistry, mass spectrometry, and computational or theoretical approaches to structural biology. Please see [www.chem.unl.edu](http://www.chem.unl.edu) for more information.

**Temple University**, Department of Chemistry invites applications and nominations for two tenured/tenure-track positions with an emphasis on organic and biochemistry at the rank of Assistant Professor. <http://www.chem.temple.edu>

**General Intermediates of Canada Inc.** is a small Edmonton based producer of research materials a pharmaceutical intermediates specializing in nucleosides, pyridines, pyrimidines, fluorinations, etc. They are looking to hire 2-3 PhD organic chemists. For further information, please contact Dr. M. Kleiner, Manger, General Intermediates of Canada Inc., 17303-108 Ave., Edm., AB T5S1G2.

**Ottawa's Center for Catalysis Research and Innovation (CCRI)** has an immediate opening for a manager for the High Throughput Catalysis Facility of the CCRI at the University of Ottawa. Please see employment board for more information.

**University of Lethbridge**, Department of Chemistry and Biochemistry is seeking applicants for a tenure track position at the rank of assistant professor in any area of modern Chemistry commencing Jan. 1/06. <http://www.uleth.ca/chm/>

**University of Missouri-Rolla**, Department of Chemistry, Distinguished scientists are encouraged to apply for the Richard K. Vitek/FCR Endowed Chair in Biochemistry. <http://chem.umr.edu>

**NovaBioMed Inc.** is looking for a candidate who will be accountable for the maintenance of standard lab equipment, controlling the inventory and will also ensure that the lab is kept in a tidy and safe manner. See employment board for more detailed information.

**Outreach Activities** can be accessed

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

**Reminder regarding safe computing: from Scott Delinger**

Do NOT open attachments to email messages which you were not expecting. They may seem to come from strangers, organizations like the FBI, or from people you DO know. But if you're not anticipating the attachment, do not open it. Delete it. If it was real, and the sender did intend for you to receive it, they can send it again after you ask if they intended you to receive an attachment.

## 401/403 Presentations – Friday, December 7, 2005 in V-102

Time	Speaker (Supervisor)	Title	Time	Speaker (Supervisor)	Title
10:00 AM	Kristina Boates (Tykwinski)	The Synthesis of Adamantyl Polyynes	1:00 PM	Ryan Zaari (Brown)	Controlled Vibrational Excitation Diatomic Molecules: The Gene Algorithm
10:20 AM	Nina Cunningham (Tykwinski)	Synthesis of Donor/Acceptor-Substituted Tetraethynylethenes	1:20 PM	Jesse Kadosh (Klobukowski)	The Big Squeeze: Reactions in Nanotube Models and Analytic Potentials
10:40 AM	BREAK		1:40 PM	Nian Sun (Klassen)	The Study of Non-specific Binding between Proteins and Carbohydrates through NanoEs Process
11:00 AM	Thomas Tam (West)	Tandem Nazarov Cyclization/ Diels-Alder Reaction	2:00 PM	BREAK	
11:20 AM	Luke Moisey (Lowary)	Synthesis of a Protected-5-Methylthio-Xylofuranosyl Fluoride	2:20 PM	Lars Laurentius (McDermott)	Self-Assembly of Diazonium Derived Aryl Films on Gold Surfaces
11:40 BREAK			2:40 PM	Ziad Alqishawi (Buriak)	Sensing Applications of high surface area metal films directly integrated with semiconductor chips
			3:00 PM	Matthew Markiewicz (Bergens)	Electrooxidation of 2-Propanol over Metal Surfaces under Alkaline Conditions: Determination of Suitable Catalysts for Fuel Cells
THE END					

## IIP Presentations – Monday, November 28 in E3-49 at 4:00 p.m.

Jayden Sader, Crompton Corporation, will speak on "Parallel Organic Synthesis: The search for new insecticides and fungicides"  
Chris Kiel, National Research Council of Canada, will speak on "Determination of volatile organic compounds in smoke"

### Department of Chemistry Photo Contest

Anyone affiliated with the Chemistry Department can enter.

Entries close: November 30, 2005.

The photos will be displayed at the annual Department Mixer and prizes will be presented at that time. B&W or color print. To enter, fill in the entry form found on the Department's website

([www.chem.ualberta.ca/imaging/](http://www.chem.ualberta.ca/imaging/))

and mail to Imaging Contest, Department of Chemistry. The major dimension of the prints must be 25 cm., any minor dimension is acceptable. (i.e 25 cm. by x, where x is less than or equal to 20 cm.)

Subject matter will be:

- 1) Special category for pictures taken inside the Department (The Department of Chemistry reserves the right to use, on its web or in its publications, any of the images submitted in the competition.);
- 2) one wide ranging category black and white);  
one wide ranging category color.

### The Chemistry Graduate Students' Society

is pleased to announce the **2005 Departmental Christmas Banquet!!!**

Join us for an evening of dinner (buffet style), dancing, door prizes and a 50/50 draw! Music by *Sound Decision*

**Saturday, December 10<sup>th</sup>**

**The Maple Leaf Room in the University Conference Centre (87 Ave. and 116<sup>th</sup> St.)**

**Cocktail reception at 6:00pm**

**Dinner at 7:00pm, Dance at 9:00pm**

Cost: **\$27** for Faculty, Staff, and Postdocs; **\$22** for Graduate and Undergraduate Students

Guests are also welcome. **Cash bar available**

Tickets available **until Dec. 5<sup>th</sup>** from:

**Dave Norman (E5-51) Richard Paproski (W3-18) Eric Fan (E5-55)**

**Stu Chambers (W3-18) Amy MacDonald (W3-18) Paul Fancy (E5-27)**

**Nick Warner (W4-12) Julie Michaud (W5-66A) Rahul Samant (E3-14)**

**Gabor Borzsonyi (W6075 6<sup>th</sup> flr. ECERF) Bob McDonald (E3-13) Jeannette Loiselle (E3-44) Bernie Hippel (basement stores)**