

## Visiting Speakers

**Dr. John Ripmeester**, The Steacie Institute for Molecular Sciences National Research Council of Canada, Ottawa, will speak on "Nature's Guest-Host materials: the Clathrate hydrates" on Friday, December 1, 2006 at 11:00 a.m. in E3-25.

**Dr. Yasuhiro Ohki**, Department of Chemistry, Graduate School of Science, Nagoya University, Nagoya, Japan, will speak on "Synthetic studies on modeling the nitrogenase active sites" on Monday, December 4, 2006 at 2:00 p.m. in E3-25.

**Dr. Pierre L. Beaulieu**, Boehringer Ingelheim (Canada) Ltd., Research and Development, Laval, Quebec, will speak on "Discovery and large scale synthesis of BILN 2061: first HCV NS3 protease inhibitor with efficacy in man" on Monday, December 11, 2006 at 11:00 a.m. in E3-25.

## 502 Seminars

**Wesley Chalifoux** will speak on "Chiral Binaphthyl Phosphates as Enantioselective Brønsted Acid Catalysts" on Monday, December 4 at 11:00 a.m. in MEC 2-1

**Anthony McKnight-Whitford** will speak on "Visual olfaction: A colourimetric array for volatile organic compound detection" on Wednesday, December 6, 2006 in E3-25.

**CUMES** The next cumulative examination will be held on Saturday, December 2, 2006 at 11:00 in room E3-25

## 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 California, Berkeley**, Applications are invited for the position of Lecturer in the Department of General Chemistry. <http://apo.chance.berkeley.edu/evaltr.html>.

**McMaster University John Jay College of Criminal Justice (City of New York)** has two tenure track positions available (Chemistry and Toxicology for instructor/assistant/associate/full professor). <http://johnjay.jjay.cuny.edu/info/calendar/>

**John Innes Centre** requires a project leader  
<http://www.jic.ac.uk>.

**University of Manitoba** has an opening for in instructor II position in Chemistry. <http://umanitoba.ca/chemistry/>

**McGill University**, Department of Chemistry, has an immediate postdoctoral position available in the area of histone deacetylase inhibitor synthesis. <http://gleason.chem.mcgill.ca>

**Outreach Activities** can be accessed at: [www.ualberta.ca/Outreach/whats%20new.htm#science](http://www.ualberta.ca/Outreach/whats%20new.htm#science)  
'Archived Outreach activities can be found at <http://www.mailman.srv.ualberta.ca/pipermail/fgsr-outreach/>.

## CHEM 401/403 Talks in E3-25 Friday December 8, 2006

Time	Speaker (Supervisor)
<b>9:00 AM</b>	Po Chan (Le) <i>Arsenic and Vanadium in each fraction of oil sands during oil production process</i>
<b>9:20 AM</b>	Chen Liang (Lucy) <i>Polar Compound Retention in High Temperature Normal Phase HPLC</i>
<b>9:40 AM</b>	Karmen Ko (Green) <i>Combinatorial Inverted Atomic Force Microscopy (AFM) Using Fluorescently Labeled Beads</i>
<b>10:00 AM</b>	Priya Sudhir (Wong) <i>Chiral High Performance Liquid Chromatography Separations of Pharmaceutical Enantiomers for Environmental Analysis</i>
<b>10:20 AM</b>	COFFEE BREAK
<b>10:40 AM</b>	Susan Ng (Veinot) <i>TBA</i>
<b>11:00 AM</b>	Brooks Magnowski (Buriak) <i>TBA</i>
<b>11:20 AM</b>	Melissa Faichuk (Veinot) <i>Photochemical etching of Silicon nanoparticles</i>
<b>11:40 AM</b>	Michael Hass (Bergens) <i>Polymeric Enantioselective Ketone Hydrogenation Catalysts made through ROMP Assembly</i>
<b>12:00 PM</b>	Brandy Stauffer (Loppnow) <i>Detection of UV Damage to DNA Using Microarrays</i>
<b>12:20 PM</b>	LUNCH BREAK
<b>1:00 PM</b>	Karen Ridgway (Campbell) <i>A biosensor for determination of CDK1 activities in live cells</i>
<b>1:20 PM</b>	Haley Carlson (Campbell) <i>Engineering EGFP and mCherry with Novel Chromophore Structures</i>
<b>1:40 PM</b>	Ryan Fradette (West) <i>Intermolecular Capture of the Nazarov Oxyallyl Intermediate via Electrophilic Aromatic Substitution</i>
<b>2:00 PM</b>	Brenna Brown (West) <i>The Interrupted Nazarov Reaction: A New Approach</i>
<b>2:20 PM</b>	COFFEE BREAK
<b>2:40 PM</b>	Princess Cornelio (Vederas) <i>Studies into the Synthesis and Ring-opening of threonine beta-lactones</i>
<b>3:00 PM</b>	Simon Byrns (Lowary) <i>Synthesis of 2-O-tert-butylidimethylsilyl-3,5-O-(di-tert-butylsilanediyl)-β-D-arabinofuranosyl phosphate</i>
<b>3:20 PM</b>	Jared Jacobson (Lowary) <i>The Synthesis of 4'-(2-O-methyl-α-L-rhamnopyranosyloxy)methyl benzoate</i>
<b>3:40 PM</b>	Nikolas Romaniuk (Lowary) <i>Studies toward the synthesis of the repeating unit of the antigenic polysaccharide of Eubacterium saburreum, strain T19</i>
<b>4:00 PM</b>	COFFEE BREAK
<b>4:20 PM</b>	Danielle Vallee (Tykwinski) <i>Click Chemistry: Beyond The Monoyne</i>
<b>4:40 PM</b>	Alissa Cheung (Fenniri) <i>Altering the surface chemistry of orthopaedic implants</i>
<b>5:00 PM</b>	Closing Remarks/Informal Social Gathering*

\* All 401/403 students, their supervisors, and interested faculty are invited to attend the Closing Remarks and the informal social gathering @ the Powerplant to celebrate the achievements of the past term.

### Library Resources and E-Learning

**A Workshop for Faculty, Instructors and E-Learning Staff**  
**Thursday, December 7, 2006, 1:30pm-3:45pm**

**Location:** CAB 235

**Limit:** 75 participants

**Cost:** Free

How can you integrate Web 2.0 tools and other new software to serve your research, teaching, and online course needs? In this new workshop in the *Library Resources and E-Learning* series, the Library and AICT's E-learning Group will cover tips for RSS feeds, social bookmarking, academic search engines, and Elluminate (the web-based conferencing/collaboration software).

**Workshop session descriptions and online registration are available at:**

<http://www.library.ualberta.ca/elearning/>

### Bioinformatics Workshop

**Dates:** February 12 - 24, 2007

**Location:** Vancouver, BC, UBC Bioinformatics Center

**Registration Fee:** \$2,800 CAD

This two-week workshop is the starting point for hands-on instruction in the use and development of software tools for computational biology research. Participants will have a comprehensive and practical introduction to:

- GenBank, PubMed, Entrez, whole genome sequence tools, and RNA and protein structure tools
- BLAST, Perl, and a great deal more
- Pattern matching and pattern detection algorithms

The exciting new curriculum is again designed so that graduates from both life sciences and computational sciences can work together through the material to complete a variety of graded and ungraded assignments. Graded assignments may count towards a Certificate in Bioinformatics, accredited by the universities of British Columbia, and New Brunswick.

In addition to an exciting new curriculum, we are offering a one-day lecture series open to the public. Applications for the following lecture series can be made at

[<http://bioinformatics.ca/course\\_work/application/>](http://bioinformatics.ca/course_work/application/)

### Bioinformatics Lecture Series- An Introduction into Bioinformatics

**Date:** February 12<sup>th</sup>, 2007

**Location:** Vancouver, BC, UBC Bioinformatics Center

**Registration Fee:** \$250.00 CAD

**Time:** All day with a reception in the evening

Please note that this one day lecture series is included in the full 2 week Bioinformatics Workshop. To have a look at our outline last year, please visit our website at

[<http://bioinformatics.ca/course\\_work/workshops/bioinformatics/>](http://bioinformatics.ca/course_work/workshops/bioinformatics/)

The Prairie Universities Biological Symposium (PUBS) is an annual conference held by university students at a designated prairie university.

PUBS 2007 the 41st annual conference will be held

February 22-24, 2007 at the University of Regina.

We hope to see many University of Alberta students at the conference! More information is available at our website

<http://uregina.ca/PUBS/>.

Please direct inquiries regarding this email to  
PUBS2007@hotmail.com



*Department  
of Chemistry*

*Annual  
Christmas Social*

***Celebrate the warmth  
of the Season***

***Thursday, December 14, 2006***

***E4-43 Gunning/Lemieux  
Chemistry Centre***

***3:00 - 7:00 pm***

**The Chemistry General Office  
will close at 3:00 on  
Friday, December 1, 2006  
until  
Monday, December 4.**