

Chemistry Notices


For the Week of November 14 to November 18, 2011

VISITING SPEAKERS & SEMINARS

*Department of Chemistry / University of Alberta
Physical Division*

VISITING SPEAKER

Prof. P.W. Wiseman
*Department of Chemistry
McGill University*



will speak on

“Mapping molecular interactions & transport in living cells with fluorescence fluctuation methods”

Date: Friday Nov. 18, 2011
Time: 1:00 p.m.
Place: E3-25 Chemistry Building

AB/cw

EMPLOYMENT OPPORTUNITIES

The Department of Chemistry, University of Toronto, is seeking a Research Associate (Limited Term) to join Professor Jon Abbatt's atmospheric chemistry research group to study aqueous phase oxidation processes leading to secondary organic aerosol in the atmosphere. The candidate must have a doctorate and at least two years of postdoctoral experience in atmospheric chemistry, with an emphasis on aerosol processes. In addition, the candidate must be fully experienced with aerosol mass spectrometry, thermal desorption chemical ionization mass spectrometry, laboratory kinetics of dissolved organic species, cloud forming properties of organic aerosol, and field measurements of organic aerosol.

Please send your Curriculum Vitae to Professor Robert Morris, Chair by November 22nd 2011, chair@chem.utoronto.ca.

EMPLOYMENT OPPORTUNITIES, *continued*



Acadia University is recognized as one of Canada's premier undergraduate institutions. Academic innovation and a technology-rich teaching and learning environment have garnered the university a reputation for excellence. Our progressive workplace is located only one hour from Halifax in Nova Scotia's beautiful Annapolis Valley - a small-town setting offering an affordable lifestyle, outstanding recreational opportunities, internationally-acclaimed restaurants, a healthy economy, and the best weather in the Atlantic Provinces.

**Faculty of Pure and Applied Science
Chemistry Department
PART-TIME FACULTY TEACHING OPPORTUNITY**

Competition #CHEM 07-301-11

Course Title	CHEM 2710L – Biochemistry 1 Laboratory
Contract Term	December 15, 2011 to April 30, 2012 (Winter Term)
Course Schedule	Mondays, 6:00pm – 9:00pm
Employee Group	Acadia University Faculty Association
Basic Stipend	\$2,750 for 3 hour Lab

Course Description

Laboratory component for the introductory biochemistry course which covers the major organic substances of living organisms, proteins, carbohydrates, lipids, and nucleic acids: structure, analysis and biochemical function including activity and analysis of enzymes.

Qualifications

The successful applicant must have a Master's degree in Chemistry.

Submissions should include a letter of application and curriculum vitae. Applications should be sent via any of the following to:

Kelli Mahoney, Human Resources Department
Post: Acadia University, Wolfville NS B4P 2R6 Fax: 902-585-1075 E-mail: kelli.mahoney@acadiau.ca

Competition closes November 18, 2011.

The University invites applications from all qualified individuals; however, Canadians and permanent residents will be given priority. Acadia University is committed to employment equity and values a diverse and inclusive workplace. We therefore invite applications from Aboriginal peoples, African Nova Scotians, persons with disabilities, visible minorities, and women, as well as persons of any sexual orientation or gender identity. Consistent with the principles of employment equity, the primary criterion for appointment to a position is academic and professional excellence. Candidates who are a member of one of the aforementioned groups, and who wish to have the application considered as such, should complete the [Employment Equity Voluntary Self-Identification Form](#) as part of their application package.

While budgetary approval has been granted for this position, Acadia University reserves the right not to fill this position, or to fill this position at a level different from the advertised level or term.

EMPLOYMENT OPPORTUNITIES, *continued*



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**Faculty of Pure and Applied Science
Chemistry Department
PART-TIME FACULTY TEACHING OPPORTUNITY**

Competition #CHEM 06-218-11

Course Title	CHEM 3510L – Intermediate Organic Chemistry Laboratory
Contract Term	December 15, 2011 to April 30, 2012 (Winter Term)
Course Schedule	Tuesdays, 1:30pm – 4:30pm
Employee Group	Acadia University Faculty Association
Basic Stipend	\$2,750 for 3 hour Lab

Course Description

Laboratory component for an intermediate course which will study the chemistry of organic functional groups not covered at the 2000 level. Special attention will be given to the use of sophisticated organic reactions for the synthesis of more complex molecules. The students will be introduced to organic reactions on a microscale in the lab. The students will be introduced to organic reactions under inert and anhydrous atmosphere.

Qualifications

The successful applicant must have a Master's degree in Chemistry.

Submissions should include a letter of application and curriculum vitae. Applications should be sent via any of the following to:

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OTHER OPPORTUNITIES



**Chemical Institute of
Canada -Edmonton section**



Flash, Bang, Boom! **Exploring Chemistry In The World Around You** **Incredible chemical demonstrations**

**Come Celebrate the International Year of
Chemistry (IYC 2011) with us.**

**Nov. 22, 2011 at 7:00 PM Room 1-440
Centennial Centre for Interdisciplinary Science
University of Alberta North Campus**

MAC EWAN

Local gold sponsors:



Edmonton Science
Olympics Committee



WILSON ANALYTICAL



**Bring
Your own
eye & ear
protection**



Happy Happy Fun Times FUNdraiser



**in support of the
46th Annual Gunning/Lemieux
Golf Tournament**



Where: Champ's Sports Bar & Grill (11712 87 Ave NW)

When: Friday, November 18th, 2011 at 7pm

Tickets: \$10 each (includes 1 free drink)

Purchase tickets from Katie Nizio in W4-03 by
November 10th, 2011

All night happy hour + pizza & wing specials!

OTHER OPPORTUNITIES, *continued*

SciFinder Training/Information Sessions

Chemistry faculty and students –

On Wednesday November 9th Kristen Arienti from CAS will be on campus to provide three SciFinder training/information sessions. As most of you know, SciFinder is the world's leading source of chemical information, providing the most comprehensive index to the chemistry literature, the largest registry of chemical substances, and reaction, structure, and substructure searching capabilities.

In addition to covering text-based searching, Kristen will be demonstrating some of the newer features available in SciFinder:

- SciPlanner: a new interactive workspace that enables scientists to more quickly identify synthesis options for designing the best research pathways and approaches
- Assign priorities for preferred or non-preferred chemical suppliers
- Uncover additional, valuable patent information with Explore by Markush structure
- Prioritize answer sets in ascending or descending order
- Copy/paste from ISIS draw or Chemdraw
- Focus your reaction searches by limiting or refining by Non-participating Functional Groups or classes
- The addition of citations to MEDLINE[®] records

Kristen will be offering three sessions, all of which cover the same material, so hopefully one of these times will work for anyone who's interested in attending. The sessions last for one hour, with an additional 30 minutes available for Kristen to answer any SciFinder-related questions you may have. All sessions will be held in the Cameron (Science & Technology) Library computer lab in Room 1-30.

Session 1: 9:00-10:30

Session 2: 11:00-12:30

Session 3: 2:00-3:30

No registration is required. While these are demonstrations rather than hands-on instruction sessions, if you'd like to follow along either on the lab computers or your own laptop, please make sure that you've registered for your own SciFinder account before November 9th:

<https://origin-scifinder-cas-org.login.ezproxy.library.ualberta.ca/registration/index.html?corpKey=9C062931-86F3-F00A-11BD-EE58577AB085>

SciFinder has agreed to open up our license for the day so that more people will be able to log on at the same time. Please feel free to contact me if you'd like any further information.

Elizabeth

Elizabeth Wallace
Collections Librarian, Science & Technology Library
Liaison for Chemistry and Earth & Atmospheric Sciences

1-68 Cameron Library
University of Alberta Libraries
Edmonton, AB T6G 2J8

elizabeth.wallace@ualberta.ca
780.492.1419 (phone) 780.492.2721 (fax)

Elizabeth's web page

OTHER OPPORTUNITIES, *continued*

WISER invites you to a fun-filled evening at Steeps the Urban Teahouse!

Steeps offers a wide variety of fresh steeped tea, snacks, and board games. This is a great opportunity to get to know your peers better outside of a professional setting.

We can discuss past and future WISER events and welcome new members to our community. We can also talk about life or whatever is on your mind – this is as much about strengthening support networks as it is about networking. So drop by for a drink and chat for a while!

When: November 15th, 5:30 to 8:30 pm. **No RSVP** is required so feel free to drop by at any time and stay for as long as you want.

Where: Steeps the Urban Teahouse, 11116 Whyte Ave (very close to campus)

* WISER activities support diversity in the workplace and encourage the participation of both men and women.*