

# Chemistry Notices

For the Week of March 21 to March 25, 2011

## EMPLOYMENT OPPORTUNITIES



UNIVERSITY  
OF MANITOBA

Department of Chemistry

### Instructor I or II position in Biochemistry

The Department of Chemistry at the University of Manitoba invites applications for a probationary faculty position at the rank of Instructor I or II. This position will be available July 1, 2011 or as soon as possible thereafter, subject to budgetary restrictions. Applicants will normally have a M.Sc. plus experience in a similar position, or a doctoral degree in biochemistry or a related field. The successful applicant will be responsible, in consultation with other faculty and support staff, for the classroom teaching of an undergraduate level biochemistry course, as well as the design and delivery of the laboratory components of our second-year biochemistry courses (currently CHEM 2360, CHEM 2370, CHEM 2770 and CHEM 2780). Responsibilities include preparation of the laboratory manuals and supervision of Teaching Assistants. Other duties may include participating in outreach activities. The successful candidate must have the ability to manage the academic aspects of the laboratory operation. Experience in new teaching technologies will be considered an asset.

Applications will begin to be reviewed on April 25, 2011 and the position will remain open until filled. Please refer to position number **12832** in all correspondence. Short-listed candidates will be required to give a teaching presentation on an assigned topic. Electronic applications (MS Word or PDF preferred), including a curriculum vitae, a statement of teaching experience and philosophy, and the names, mailing addresses, telephone numbers and e-mail addresses of three referees, should be sent to:

Dr. Peter H.M. Budzelaar  
Chair of the Search Committee  
Department of Chemistry  
University of Manitoba  
Winnipeg, MB Canada R3T 2N2

E-mail: [BiochemInst\\_search@umanitoba.ca](mailto:BiochemInst_search@umanitoba.ca)  
Telephone: (204) 474-9321  
Fax: (204) 474-7608

## EMPLOYMENT OPPORTUNITIES, *continued*



# THE UNIVERSITY OF WINNIPEG

The Department of Chemistry at the University of Winnipeg invites applications for a twelve-month sessional appointment at the rank of Instructor for the 2011-12 academic year. Salary and level of appointment will be commensurate with qualifications and experience. Duties will include lecturing and instructing student laboratories in first- and/or second-year level courses (as appropriate depending on qualifications); and other duties as assigned by the Chair. The successful candidate is expected to have teaching experience and a graduate degree (M. Sc. or Ph.D.) in a relevant field.

The review of applications will begin on May 1. Subject to budgetary approval, the position will start August 1, 2011. Applicants should submit a *curriculum vitae* and a statement of teaching experience and interests, and arrange for three letters of recommendation to arrive by May 1. Inquiries and applications should be directed to Dr. Désirée Vanderwel, Chair, Department of Chemistry, The University of Winnipeg, 515 Portage Avenue Winnipeg, MB, Canada R3B 2E9. Phone: (204)789-1483; Fax: (204) 775-2114; Email: [d.vanderwel@uwinnipeg.ca](mailto:d.vanderwel@uwinnipeg.ca). Applications and letters of reference may be submitted electronically.

**The University of Alberta** is seeking a PhD student or Postdoctoral fellow with NMR experience and interest in Microbial Glycobiology to start immediately. The successful candidate will be jointly supervised by Dr. Roderick Wasylshen (Department of Chemistry and Canada Research Chair in Physical Chemistry, <http://ramsey.chem.ualberta.ca/>) and Dr. Christine Szymanski (Department of Biological Sciences and Alberta Ingenuity Centre for Carbohydrate Science, [http://www.biology.ualberta.ca/faculty/christine\\_szymanski/](http://www.biology.ualberta.ca/faculty/christine_szymanski/)). The student will be involved in a multidisciplinary project examining bacterial capsular polysaccharides and developing new techniques to examine bacterial-host interactions using high resolution magic angle spinning NMR. The NMR Facilities in the Department of Chemistry are well equipped for the collaborative research project. Specifically we have access to a Varian 600 with a nanoprobe for magic-angle spinning experiments. Details of the other NMR spectrometers in the Department can be found at: <http://nmr.chem.ualberta.ca/>. Applicants should have a strong background in NMR and biological chemistry. Knowledge of solid-state NMR, molecular modeling and NMR programming would be an asset.

Interested applicants should send a single PDF document containing a CV, one-page statement of research interests and contact information of three references to:  
[cszymans@ualberta.ca](mailto:cszymans@ualberta.ca)

# OTHER OPPORTUNITIES

**UA-WISE / WISER CAREER PANEL DISCUSSION** UA-WiSE and WISER are pleased to invite you to our annual Career Panel Discussion

1. Meet a diverse panel of professionals in IT, Engineering, Biotechnology, Physical Sciences, Government, Academia and more
2. Panellists include the CEO & President of Teslacentral Enterprises; the Associate Chair (Graduate Studies) in the U of A's Department of Physics; an Industrial Technology Advisor at NRC-IRAP; an instructor from the Chemical Technology program at NAIT, and others
3. Ask the career-related questions you've always wanted answered
4. Network with the panellists and members of the WISEST networks

**WHEN:** Thursday, March 24, 5:30-8:30pm **WHERE:** TELUS Centre, (Room 236/238), University of Alberta North Campus (map:

<http://www.campusmap.ualberta.ca/index.cfm?campus=1&sector=6&feature=59>)

**COST:** Free **RSVP:** By Mar 21 at

<http://www.wisest.ualberta.ca/en/WISEST%20Events/2011/03/UAWiSEWISERCareerPanel.aspx>

Food will be provided for attendees who RSVP in advance. \*WISER activities support diversity in the workplace and encourage the participation of both men and women.\*

## **ACPA Scholarship Applications Due March 31**

Two scholarships of \$1000, one for chemistry undergraduates and one for chemistry graduate students, will be awarded by the ACPA this year. For details, please see the ACPA web page at <[www.pchem.ca](http://www.pchem.ca)>. *The deadline for applications and for any supporting documentation is March 31.*

## **Call for Exhibits/Volunteers for Science Rendezvous Edmonton 2011**

2011 is the International Year of Chemistry. The Chemical Institute of Canada and TELUS World of Science would like to establish **Science Rendezvous Edmonton 2011** as the inaugural one-day festival style celebration of chemistry and science at TELUS World of Science (TWOS) for all the public. **Science Rendezvous Edmonton 2011** runs from 10:00 a.m. to 4:00 p.m. on Saturday May 7. Consider exhibiting and help the public celebrate Science with us!

### **Who are you (in groups of 1-6 ...ideally 4)?**

You are a group of people who might have: a few good hands on kitchen/household science or chemistry experiments/demonstrations that you'd like to show to folks of all ages.

You might be a college or university professor/ teacher/researcher/graduate student doing, or directing, research/work of import that you wish to show the general public.

You could be someone who will dress up and take on the persona of, a famous scientist (Einstein, Newton, Curie, Rutherford, Dalton, Priestly, Lavoisier, etc) for the day at TWOS.

You could be a drama student, or drama group, willing to perform a short scene/excerpt from a play featuring a scientist or scientists (Hoffman and Djerasi's *Oxygen*, Capek's *R.U.R.*, Brecht's *Galileo*, Durenmatt's *The Physicists*, Kipphardt's *In the Matter of J. Robert Oppenheimer*, Stoppard's *Arcadia*,

## OTHER OPPORTUNITIES, *continued*

Andreyev's *To the Stars*, Maxim Gorky's *Children of the Sun*, and countless other suitable plays) – potentially in the foyer of TWOS.

A group of high school students, with their teacher willing, to demonstrate some research they've done or with exciting chemistry demonstrations to share.

A group of high school teachers demonstrating some exciting chemistry demonstrations they'd like to share.

A chemistry winner/finalist of the Regional Science fair contest.

An Association of local professionals (forensic scientists, fireman, EMTs, etc) who have a science demonstration the public just has to see.

Other relevant interested science group or company (...selling science not your services)

### **How long do you have to exhibit?**

In shifts your group will man a table continuously from 10:00 am to 4:00 p.m. on May 7th, 2011. The precise location of your (8×4) table in TWOS will be determined at a later date.

### **What does each group member get for your volunteer labour?**

The undying thanks of the organizing committee and a CIC Edmonton Volunteer T-shirt.

### **How do you apply to participate in Science Rendezvous Edmonton 2011?**

You must email the following information to Ian Phillips ([ian.phillips@epsb.ca](mailto:ian.phillips@epsb.ca))

**Your Name:** \_\_\_\_\_

**Your Address:** \_\_\_\_\_

**Your Group's name:** \_\_\_\_\_

**Your Organization's name:** \_\_\_\_\_

**Your Group Members' names:** \_\_\_\_\_

**Your Activity:** (Describe your exhibit in no more than 100 words)

There are currently only 30 spots available. Depending on the numbers and variety of entries for Science Rendezvous Edmonton 2011, there is no guarantee that your proposal will be accepted. Informal auditions at a yet to be chosen location (TBA) may be necessary to arrive at the final roster of participants. A call for volunteers is under consideration as of this writing.

Do not hesitate to telephone me at 780-448-5000 to talk to me in person if you need some clarification. I look forward to working with you in Science Rendezvous Edmonton 2011,

Dr. Ian G. Phillips (Teacher Ross Sheppard High school.