

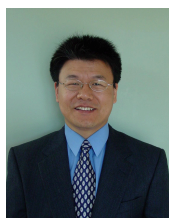
# Chemistry Notices

For the Week of January 16 to January 20, 2012

## VISITING SPEAKERS & SEMINARS

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALBERTA

### Organic Division Invited Speaker



### Zhongwu Guo

Professor of Chemistry  
Wayne State University  
Detroit, Michigan, USA

will speak on

### "Synthesis and Biological Applications of Complex Glycoconjugates"

**DATE:** Monday, 16 January 2012  
**TIME:** 11:00 a.m.  
**PLACE:** CCIS L1 - 140

TLL/dl (ext: 2-9756)

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALBERTA

### INORGANIC DIVISION VISITING SPEAKER

### Professor Samuel A. Johnson

Department of Chemistry  
and Biochemistry  
University of Windsor  
Windsor, Ontario

will speak on



### "The Fast and the Furious: Nickel Complexes for C-H and C-F Bond Activation"

**DATE:** Thursday, 19 January 2012  
**TIME:** 11:00 a.m.  
**PLACE:** E3-25 Gunning/Lemieux Chemistry Centre

MC/dl (ext: 248-1506); 1/10/12; 11:38 AM

## EMPLOYMENT OPPORTUNITIES



### A Postdoctoral Position

A postdoctoral position is available to study molecular regulatory mechanisms of a peptide antibiotic-sensing and response system in Gram-positive streptococci. The candidate is expected to have extensive training in molecular biology, biochemistry or microbiology with experience in manipulating DNA, RNA and bacterial genomes. Experience in bioinformatics is a plus. The position is for one year with the possibility for renewal. The stipend for the position is \$35,000/yr plus the benefit, which can be found at the Dalhousie University website of <http://dalgrad.dal.ca/postdoctoral/faq/>. Applicants should send their CV, a cover letter and contact information of three references to Dr. Yung-Hua Li, 5981 University Ave, Rm5215, Halifax, NS, Canada, B3H 1W2. E-mail: [yung-hua.li@dal.ca](mailto:yung-hua.li@dal.ca). Dalhousie University is an equal opportunity/affirmative action employer.

# EMPLOYMENT OPPORTUNITIES, *continued*

## ***Postdoctoral position in fluorescence upconversion, optical spectroscopy and single-molecule fluorescence microscopy***

A postdoctoral position in the research group of Prof. Matthew Paige in the Department of Chemistry, University of Saskatchewan (U of S) is available. The candidate will be part of an interdisciplinary research program directed towards characterizing and improving non-coherent photon upconversion in molecular systems, with a view towards improving performance efficiency of photovoltaic devices (solar cells). The candidate will work in collaboration with a group of spectroscopists, materials scientists and electrochemists that comprise a U of S photovoltaic research team. The candidate is expected to carry out research in spectroscopy, assist graduate students with measurements, prepare manuscripts and interact with both academic and industrial partners during the course of the position. Initial appointment is for one year, with possible renewal for a second year contingent upon mutual agreement and availability of funding.

Applicants must hold a PhD degree in chemistry, physics or a related discipline, and have experience with steady-state and time-resolved fluorescence spectroscopy measurements. Experience in the general area of photovoltaic devices or (single-molecule) fluorescence microscopy would be an asset but is not required.

Salary is \$40,000 CDN per annum, with a travel allowance provided to assist in relocating to Saskatoon. Start date is flexible, but should be around March 1<sup>st</sup> / 2012.

Application should include a cover letter, CV, and the name and contact information for two references.

For more information email: [matthew.paige@usask.ca](mailto:matthew.paige@usask.ca)  
Matthew Paige , Department of Chemistry  
University of Saskatchewan

### **Chancellor's Fellowships**

The University of Edinburgh is making a major investment in the future of its academic staff with the appointment of three tenure-track, 5-year Fellowships in the School of Chemistry. These are intended to support outstanding candidates at the start of their independent academic career, and we are inviting applications from candidates in any area of Chemistry.

A Chancellor's Fellow will demonstrate a capability to conduct outstanding research and the potential to become an international leader in their discipline. The Fellowship will enable the holder to concentrate on research in the early years, acquiring University Lecturer duties later, in the anticipation of transfer to the University academic staff.

[http://www.jobs.ed.ac.uk/vacancies/index.cfm?fuseaction=vacancies.detail&vacancy\\_ref=3015150&go=GO](http://www.jobs.ed.ac.uk/vacancies/index.cfm?fuseaction=vacancies.detail&vacancy_ref=3015150&go=GO)

Applications should contain a detailed CV and a 1-page outline of a proposed research programme. Please note there are three deadlines **16 JANUARY, 29 FEBRUARY, AND 16 APRIL 2012**. General advice may be obtained by emailing [chancellorsfellows@ed.ac.uk](mailto:chancellorsfellows@ed.ac.uk) and specific details may be obtained from the Head of School, [Chemistry.HoS@ed.ac.uk](mailto:Chemistry.HoS@ed.ac.uk). Potential applicants are encouraged to let us know by email if they intend to apply for one of the later deadlines.

# EMPLOYMENT OPPORTUNITIES, *continued*



## THE UNIVERSITY OF WINNIPEG

The Department of Chemistry at the University of Winnipeg invites applications from outstanding candidates for a tenure-track position in Physical Chemistry at the rank of assistant professor. Applicants should have a Ph.D. degree (postdoctoral experience preferred), with research interests in any area of physical chemistry. The successful candidate is expected to develop a strong, externally-funded research program, involving students at both the undergraduate and graduate levels, and to contribute to teaching at the undergraduate level, including in their area(s) of expertise.

The University of Winnipeg ([www.uwinnipeg.ca](http://www.uwinnipeg.ca)) is committed to excellence in research and undergraduate teaching. The Department is undergoing a period of rejuvenation with the anticipated hiring of several new faculty members, the development of a new graduate program, and the recent move into our new state-of-the-art Richardson College for the Environment and Science Complex (September 2011). Excellent opportunities are also available for collaboration with researchers at other Winnipeg-based institutions, such as the University of Manitoba, the Freshwater Institute, the National Research Council Institute for Biodiagnostics, and the Prairie Research Institute for Materials and Energy (PRIME), and for supervision of graduate students and postdoctoral fellows. For further information and research interests, please see the Department's website at <http://chemistry.uwinnipeg.ca>.

Consideration of applications will begin on February 13, 2012. Applications will be accepted until the position is filled. Subject to budgetary approval, this position will commence on July 1, 2012. Applicants should send a letter of application, a *curriculum vitae*, a research proposal, a statement of teaching interests and philosophy, and the names and contact information of three referees to the Chair, Department of Chemistry, The University of Winnipeg, 515 Portage Avenue, Winnipeg, MB, Canada R3B 2E9. Phone: (204) 786-9859; Fax: (204) 774-2401; Email: [chemistry@uwinnipeg.ca](mailto:chemistry@uwinnipeg.ca).

The University of Winnipeg is committed to employment equity, welcomes diversity in the workplace and encourages applications from all qualified individuals including women, members of visible minorities, aboriginal persons, and persons with disabilities. In accordance with Canadian Immigration requirements, this advertisement is initially directed to Canadian citizens and permanent residents.

# OTHER OPPORTUNITIES

*CaPS has arranged for a Chemistry Career Forum on Thursday, January 19, from 5:30 to 7:30 p.m. at the University of Alberta.*

Important: Students are encouraged to register for the event on the CAPS website at <http://www.caps.ualberta.ca/lookingforwork/Services/CareerForums/Chemistry%20Career%20Forum.aspx>

**Event:** Chemistry Career Forum

**Date:** Thursday, January 19 from 5:30 to 7:30 p.m

**Location:** Room L1-160 in the Centennial Centre for Interdisciplinary Science (CCIS) on the University of Alberta North Campus. (In CCIS there are two rooms with very similar numbers, L1-160 and 1-160. They are only a floor apart so if you arrive and no one is around, it is possible you have found 1-160.) Please access a campus map here: <http://www.campusmap.ualberta.ca/>

**Target Audience:** Students studying Chemistry and students interested in exploring their career options. Students will range from 1st to 4th year as well as some graduate students.

**Event Purpose:** To showcase the variety of careers that are available to students who graduate from this discipline and offer them advice in regards to work search, employability strategies and career development. To learn more about career forums please visit: <http://www.caps.ualberta.ca/en/lookingforwork/Services/CareerForums.aspx>

**Event Structure:** This is a panel discussion where 5 speakers will each address the students for 10 minutes. This is followed by a question and answer period and a networking session where refreshments will be served.

**Breakdown of Activities (subject to change):**

1. Doors open at 5:15 p.m.
2. Speakers address students one at a time starting at 5:40 p.m.
3. Question and answer period begins at 6:40 p.m.
4. Networking at 7 p.m.
5. Event concludes at 7:30 p.m.

**Refreshments:** Water will be available for you. Juice, pop and pizza will be served during the networking session courtesy of the Faculty of Science and the Department of Chemistry.

**Panelists:**

- Elisha Edwards - Research Associate, Process Development, Gilead
- Richard Paproski - Research Chemist, Analytical Services, Research and Development, Syncrude Canada Ltd.
- Elaine Robson - Environmental Coordinator, West Fraser
- Nada Djokic - Assistant Laboratory Coordinator Undergraduate Organic Chemistry Labs, Department of Chemistry, University of Alberta
- Shawn Chizen - Product Development, Quantum Group of Companies



# OTHER OPPORTUNITIES , *continued*

WISER and CAPS present...

## What's Your Story?

Resumes for Advanced Degree Holders

WISER and CAPS: Your U of A Career Centre invite you to a workshop designed to help you create an effective resume. In this seminar, we will cover the four cornerstones of a resume: content, format, wording, and presentation. Through detailed explanations and feedback, learn how to write a concise and persuasive resume to get you that interview! Whether you're looking for work now or later, don't miss out on this opportunity to develop an essential skill for competing in the job market.

Food and refreshments will be provided.

**When:** Wednesday, January 25, 2012. 5:30 – 7 pm

**Where:** Telus 236/238

**RSVP:** <http://www.wisest.ualberta.ca>

**Cost:** \$5