

Chemistry Notices

For the Week of November 19 to November 23, 2012

Submissions: Please send to newsletter@chem.ualberta.ca by Wednesday for the following week

VISITING SPEAKERS & SEMINARS

Physical Division 502 Seminar:

Cassandra D.M. Churchill will speak on *"The AIM of Bader: Reconciling Theory and Experiment through Electron Density Analysis"* on Wednesday, November 21st, 2012 at 11:00 am in room E3-25.



Chemical Institute



of Canada Edmonton Section

Presents on Thurs, 22 Nov 6:30 pm

Distinguished Asian Visitor

President of IUPAC

Prof. Kazuyuki Tatsumi

Nagoya University, Japan

**"Chemistry of Oxidoreductases:
Learning from Nature for our
Future Sustainable Society"**



University of Alberta: Chemistry Department (E3-25)

Thursday 22 November 2012 6:30 p.m. refreshments*
7:00 lecture presentation

*Please RSVP to Lucio Gelmini (GELMINIL@MACEWAN.CA) to ensure there will be enough refreshments. Thank you.

Please turn over for Abstract ➔

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALBERTA

Analytical Division Visiting Speaker



Hans-Peter Loock

Professor of Chemistry
Queen's University, Kingston, Ontario

will speak on

**"Cavity enhanced measurements of
absorption, refractive index and strain
using fiber optic cavities and
microcavities"**

DATE: Friday, 23 November 2012
TIME: 4:00 p.m.
PLACE: E3-25 - Gunning/Lemieux Chemistry Centre

Refreshments will be served.

EMPLOYMENT OPPORTUNITIES

The Placement Group is currently recruiting for a Laboratory Technologist for Shell Canada in Fort Saskatchewan.

RESPONSIBILITIES:

To include but not limited to:

- Work as a lab tech in a heavy oil refinery.
- Conduct tests to determine the quality of heavy oil, and to determine the quality of water used in the refining process.

QUALIFICATIONS:

- Diploma in laboratory technology or related discipline.
- Must be reliable and hard-working and open to shift work and overtime.
- Have a thorough understanding on laboratory functions in terms of safety and procedures
- Must be available for an in-person interview

Salary negotiable depending on experience

If you are qualified and interested in applying for this position, you are asked to forward your resumes to Janet Ross, Account Executive-Special Projects via email to jross@pgstaff.com.

Deadline for Applications November 30, 2012

Janet Ross

Account Executive - Special Projects

THE PLACEMENT GROUP

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jross@pgstaff.com | www.pgstaff.com

EMPLOYMENT OPPORTUNITIES, *continued*

Tenure Track Position in Inorganic Chemistry

University of Prince Edward Island

The University of Prince Edward Island invites applications to the Department of Chemistry for consideration for a **tenure track position** in Inorganic Chemistry at the Assistant Professor level, to commence July 1, 2013. Applicants should hold a Ph.D. degree in chemistry or a related field, and have relevant postdoctoral experience. Teaching experience would be a strong asset.

The department is committed to undergraduate and graduate teaching and the successful candidate will be expected to teach courses in inorganic chemistry and related areas. It is expected that the successful faculty member will develop a vigorous research program that will attract external funding. Applications from all areas of Inorganic Chemistry will be considered.

The Department of Chemistry at UPEI has a young and very active faculty, with a vibrant research profile. We offer Chemistry Majors, Honours, and Masters programs as well as an interdisciplinary PhD program in Molecular and Macromolecular Sciences. The Department is housed in a modern teaching and research facility, opened in 1996, and is well equipped with modern instrumentation including a 300 MHz FT-NMR, a powder X-ray diffractometer, TGA, DSC, and GC-MS. The successful candidate will have access to a well-equipped laboratory which includes gloveboxes, a solvent purification system, and GPC, all purchased within the past five years. The Department also maintains close ties to the NRC Institute for Nutrisciences and Health, which allows access to a wide range of research instrumentation including 600 MHz NMR and High Resolution Mass Spectrometers. For more information please see the departmental web page at <http://www.upei.ca/chemistry/>.

Completed applications will consist of a *curriculum vitae*, a research proposal (NSERC format) and a statement of the applicant's teaching philosophy and experience. Applicants must also arrange for letters from three referees to be sent directly to the address below. To receive full consideration, complete applications should be received electronically (pdf or word file) by December 14, 2012, however applications will be accepted until the position is filled.

In accordance with Canadian immigration requirements, all qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. UPEI is committed to the principle of equity in employment.

Enquiries and applications should be sent electronically to:

Dr. Nola Etkin,
Chair, Department of Chemistry
University of Prince Edward Island
550 University Avenue
Charlottetown, PE, C1A 4P3
Phone: (902) 566 0693
Fax: (902) 566-0632
Email: netkin@upei.ca

OTHER OPPORTUNITIES

There is a single phase isolation transformer available on a first come first serve basis in the mass spectrometry lab. It can also be used as a straight isolation transformer 208V in and 208V out or as a boosting transformer, e.g., 208V to 227V is a possibility. It has a 7.2 kVA power rating. The transformer was used on an old piece of equipment that is no longer in the lab. If anyone could make use of it, please see Randy in EB-38.