

Chemistry Notices

For the Week of July 4 to July 8, 2011

VISITING SPEAKERS & SEMINARS

Department of Chemistry / University of Alberta

VISITING SPEAKER

Professor David W. Lupton
Monash University, Melbourne, Victoria, Australia



will speak on

“Normal polarity NHC catalysis: Mechanistic insights into the *N*-Heterocyclic Carbene Catalyzed all-carbon [4 + 2] Cycloaddition/Decarboxylation”

Date : Wednesday, 6 July 2011
Time : 1:30 p.m.
Place : E3-25

DW/dd
22 June 2011

EMPLOYMENT OPPORTUNITIES

A post-doctoral position in theoretical chemical physics is available, beginning Sept. 1, 2011. The work, which is mostly computational, involves elucidating the mechanical and thermodynamic properties of soft elastic materials that contain embedded inclusions. The project is an extension of earlier work in this area (Saul Goldman, JCP, **131**, 184502 (2009); **132**; 164509 (2010)). The requirements include an ability to work independently, facility with basic vector field theory and tensors, experience in chemical physics or theoretical physical chemistry, and good computer and programming skills. The position is for one year, with the possibility of extension for a second year. The compensation includes a salary of \$36 K (CD)/year plus benefits. Please attach an up-dated CV and 1-2 recent representative publications to your application. Short-listed applicants will be asked to have their former supervisors provide references. Reply by e-mail to: sgoldman@uoguelph.ca.



EMPLOYMENT OPPORTUNITIES, *continued*



UNIVERSITY
OF MANITOBA

Post-Doctoral Fellowship at the University of Manitoba Synthetic Organic Chemist

The Sorensen Natural Products Group in the Department of Chemistry at the University of Manitoba has an opening for a post-doctoral fellow to start in Fall 2011.

The project involves the synthesis of a library of small molecule inhibitors for an enzyme that is critical to bacterial metabolism. The template for the design of these inhibitors is based upon derivatives of amino acids. This library will serve as lead compounds in the discovery of novel antibiotics.

The successful candidate will have defended a Ph.D. thesis within the last 3 years and will have a strong background in synthetic organic chemistry. The post-doctoral fellow will also be expected to conduct enzyme inhibition assays and preliminary screenings of antibiotic activity.

The funding for this position is **approved** and the project start date is September 1st 2011. The successful candidate should be prepared to start on, or shortly after, this date.

A CV (in PDF format) should be sent to:

Dr. John Sorensen
Department of Chemistry
University of Manitoba
Winnipeg, Manitoba, R3T 2N2
John_Sorensen@umanitoba.ca
Tel: (204)-474-9504

Assistant Professor in Inorganic Chemistry

10 month Term Position

University of Prince Edward Island

Competition Number 21A11

The University of Prince Edward Island invites applications to the Department of Chemistry for consideration for a **10 month limited term position** in Inorganic Chemistry. Applicants must either currently hold a Ph.D. degree in inorganic chemistry or a related field, or expect to complete their degree requirements by the date of appointment. Teaching experience and/or postdoctoral experience would be an asset. The appointment will be a limited 10 month term position at the Assistant Professor level, and will commence August 1, 2011 or as soon as possible thereafter.

The successful candidate will teach inorganic chemistry at the undergraduate level, as well as environmental and introductory chemistry. Specific courses to be taught are third year Inorganic Chemistry (Chem 374), Environmental Chemistry (Chem 202), one semester of first year General Chemistry (Chem 112) and possibly Polymer Chemistry (Chem 464) and/or a senior-level Inorganic Chemistry course (Chem 467 or 468); course descriptions can be found in the UPEI calendar (http://www.upei.ca/registrar/3_chemistry).

EMPLOYMENT OPPORTUNITIES, *continued*

Completed applications will consist of a *curriculum vitae* 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. Applicants may also include a statement of research interests. To receive full consideration, complete applications should be received electronically (pdf or word file) by July 4, 2011, however applications will be accepted until the position is filled.

Enquiries and applications should be sent to:

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