

VISITING SPEAKERS

Dr. Albert Padwa, Department of Chemistry, Emory University, Atlanta, Georgia, will speak on "Cascade Processes for Alkaloid Synthesis" on Wednesday, October 12, 2005 at 11:00 a.m. in V-107 Physics Wing.

The Harry Emmett Gunning Lecture Series presents **Professor Carol Robinson**, Professor of Biological Chemistry, Department of Chemistry, University of Cambridge, UK will speak on the following topics at 11:00 in V-107

- "Mass spectrometry from rare gases to ribosomes" on Tuesday, October 18, 2005.
- "Mass spectrometry of non-covalent complexes – more than the sum of their parts" on Wednesday, October 19, 2005.
- "Mass spectrometry and the shape of things to come" on Thursday, October 20, 2005.

Prof. Seiichi Matsuda, Department of Chemistry, Rice University, Houston, Texas, U.S.A. will speak on "Catalytic and evolutionary origins of triterpenoid skeletons" on Monday, October 24/05 at 11:00 a.m. in V-107.



University buildings will be closed on Monday, October 10/05

**Upgraded Spectrofluorometer now available in Spectral Services!**

The Photon Technology International (PTI) Quantmaster spectrofluorometer formerly housed in Dr. R. Tykwinski's research lab has been moved into Spectral Services and significantly upgraded. The upgrade includes the addition of an excitation polarizer and a motorized emission polarizer. These polarizers enable anisotropy (polarization) measurements that can provide information on molecular movements that take place during the fluorescence lifetime. Anisotropy measurements can also be used to measure binding constants or probe the microenvironment of a fluorophore. The upgrade also includes a peltier heater/cooler cuvette holder that enables accurate temperature control and temperature ramping experiments. If you are interested in using this instrument, please see Wayne Moffat in Spectral Services (E5-43). Support for this upgrade came from a CFI-CRC grant to Dr. R. Campbell with matching funds provided by the University of Alberta.

EMPLOYMENT OPPORTUNITIES

ARE POSTED ON THE BULLETIN BOARD
ACROSS FROM THE ELEVATORS ON THE THIRD FLOOR
PLEASE DO NOT REMOVE THE EMPLOYMENT NOTICES FROM THE
BULLETIN BOARD

Employment opportunities are posted on a new internet site:

<http://www.careerowl.ca>

Aims Fine Chemicals Inc., is looking for suitable candidates to fill Industrial Post Doc positions (1) asymmetric synthesis and Chiral Auxiliaries and Chirality's Directing Ligands (2) experienced synthetic organic chemist with hands on experience in product isolation and identification techniques. See employment board for more information.

University of Waterloo, Quantum information and materials, Tier II Canada research chair Chemistry department and Institute for quantum computing invites applications for a Tier II Canada Research Chair faculty position. <http://www.science.uwaterloo.ca/chemistry>

University of Minnesota, seeks to fill one tenure track faculty position beginning July 1, 2006 or later. www.chem.umn.edu

Université de Montréal, Department of chemistry, Faculté des arts et des sciences, has an opening for a tenure-track position in all areas of experimental chemistry within the NSERC UFA program. http://www.chimie.umontreal.ca/index_eng.html.

University of Toledo, Department of Chemistry, invites applications or nominations for three tenure-track faculty positions in 1) bioanalytical chemistry 2) surface characterization of thin films and 3) macromolecular crystallography beginning Aug. 2005. Detailed information on this position is on the employment board.

California Institute of Technology, Div. Of Chemistry and Chemical Engineering invites applications for Postdoctoral Scholar appointments in Chemistry. <http://cce.caltech.edu>.

University of Toronto at Scarborough, Dept. of Physical and Environmental Sciences invites applications for two tenure track positions at the rank of Assistant Professor in the area of environmental chemistry. <http://www.utsc.utoronto.ca/~physsci/>.

University of Toronto, invites applications for a tenure stream position at the rank of Assistant Professor in the area of Organic chemistry on or after July/2006.

University of Calgary, invites applications for a full time tenure track position in any area of Analytical Chemistry at the Assistant Professor level.

George Washington University, invites applications for a tenure track position at the Assistant Professor level beginning Aug. 2006 in Nanoscale Biomaterials. <http://www.gwu.edu/~gwchem>.

University of Calgary, Post Doctoral Fellowship in inorganic electrochemistry.

Outreach Activities can be accessed
at: www.ualberta.ca/Outreach/whats%20new.htm#science