

Visiting Speakers

Dr. Lai-Xi Wang, Institute of Human virology and Dept. of biochemistry and Molecular biology, University of Maryland School of Medicine, will speak on “*Chemoenzymatic synthesis of homogeneous glycoproteins*” on September 29, 2008 @ 2:00 p.m. in CAB 239.

The Harry Emmett Gunning Lecture Series 2008 Lecturer

Prof. Martin Gruebele, William H. and Janet Lycan Professor of Chemistry, Physics, and Biophysics, and computational biology, Department of chemistry, University of Illinois, Urbana-Champaign, Illinois, USA will speak on the following topics.

Wednesday, October 1, 1:00-2:00 p.m. in V-102

“*Protein and RNA folding: physics or evolution?*”

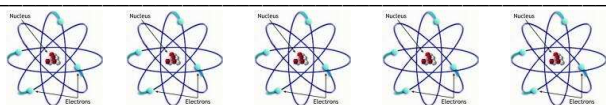
Thursday, October 2, 1:00-2:00 p.m. in E3-25

“*Vibrational energy flow and control of molecular reactivity*”

Friday, October 3, 11:00 AM-12:00 p.m. in

Dentistry/Pharmacy 2022

“*Single molecule absorption spectroscopy at room temperature*”



Prof. Barbara Baird, Department of chemistry and Chemical Biology, Cornell University, Ithaca, NY, will speak on “*Spacail regulation and subcellular targeting in IgE-Receptor signaling*” on Monday, September 29, 2008 @ 11:00 a.m. in MEC 2-1 (Mechanical Engineering)

Prof. Tomas Hudlicky, Department of Chemistry, Brock University, St. Catharines, Ontario, will speak on “Total synthesis of natural products via Chemoenzymatic and/or new reagent-based strategies: The story of morphine, Pancrastatin, and Balanol” on Monday, October 6, 2008 @ 11:00 a.m. in MEC 2-1 Mechanical Engineering.

David Beratan, Duke University, will speak on “*Dynamical control of electron transfer in large and small molecules*”, on Wednesday, October 8, 2008 @ 11:00 AM in E3-25.

Prof. David Reingold, H. George Foster Professor, Department of Chemistry, Juniata College, Huntington, PA, will speak on “*Aromatic systems with gaps and holes*” on Thursday, October 16, 2008 @ 3:00 p.m. in E3-25.

Cumulative Exam: The next cumulative examination will be held on Saturday, October 4, @ 11:00 a.m. in E3-25.

Tutoring in Chemistry: - We get a number of requests from undergraduate students for tutors in their Chemistry courses. Tutors are paid by the student on an hourly basis, where the average rate is \$15-\$20 per hour.

If you are a Chemistry Graduate student and are interested in tutoring, please give your name, phone number, E-mail address, and the courses you would be prepared to tutor or the areas (such as high school, general, inorganic, organic, physical, analytical chemistry) to Christie McDermott (christie.mcdermott@ualberta.ca).

NOTE: You may not tutor a student in a course for which you are a teaching assistant.

Charles Lucy :)

Congratulations to:

Ruokun Zhou who defended his Masters thesis this week. (T. Lowary)

Tao Zeng who successfully passed his Candidacy exam this week (M. Klobukowski)

This Weekend in Chemistry History

September 27

- (Adolf Wilhelm) Hermann Kolbe, born 1818: synthesized acetic and salicylic acids; theory of radicals; despite his achievements, he is perhaps best known for his vitriolic critiques
- *Silent spring*, a scathing critique of chemical pesticides (including DDT), by Rachel Carson was published in 1962.

September 28

- Lise Meitner and Otto Hahn met, 1908. Their collaboration led, 30 years later, to the experimental detection and interpretation of fission.
- Ferdinand Frederic Henri Moissan born 1852; first to isolate fluorine (F, element 9); electrical furnace for preparation of metal and silicon carbides; Nobel Prize, 1906. Read Fluorine and its compounds (en francais).
- Solvay Process Company incorporated 1881.

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>.

Thompson Rivers University (Kamloops), requires a Chemistry Sessional lecturer for the Physical Sciences. Please see employment board for more information.

University of Helsinki/North Carolina seeks applications from well qualified candidates for a joint Postdoctoral Fellowship to work in the area of Organic & Polymer Chemistry of Wood Biopolymers. Please see <http://www4.ncsu.edu/~dsargyro> for more information.

University of Florida, announces an open area search for tenure track faculty members to begin in Fall 2009 at either the Assistant or Associate Professor level. Please see employment board for more information.

University of Iowa, invites applications for a tenure track Assistant Professor position effective August 2009 in the broadly defined areas of organic or inorganic Chemistry. Please see <http://facsearch.chem.uiowa.edu> for more information.

Wilfred Laurier, Department of Chemistry invites applications for a tenure track appointment supporting biochemistry offerings in Health Sciences at the Assistant Professor level. Please see www.wlu.ca/science/chemistry for more information.

University of Calgary invites applications for a full time tenure track position in any area of Theoretical Organic Chemistry at the Assistant Professor level. Please see <http://www.ucalgary.ca/chem> for more information.

University of Calgary invites physical chemists who could make a significant contribution to the new Nanoscience program recently implemented in North America. Please see <http://www.ucalgary.ca/chem> for more information.

University of Nebraska is currently seeking nominations and applications for a tenure track Assistant Professor in Organic Chemistry. Please see <http://employment.unl.edu> for more information.

Cornell University is searching for tenure track faculty members at the Assistant Professor level. Please see employment board for more information.

University of Victoria, is seeking an energetic and enthusiastic Senior Scientific Assistant to manage the Department's Mass Spectrometry facility. Please see <https://uhire.uvic.ca> for more information.

University of Montreal is seeking an analytical/bioanalytical chemistry professor in the faculty of arts and sciences. Please see <http://www.chimie.umontreal.ca> for more information.

Alberta Sulphur Research Limited has two openings available – (1) Research Chemistry to work in the lab on problems of sulfur and (2) an analytical chemist to work on problems of sulfur chemistry associated with the recovery of oil and natural gas. Please see <http://www.chem.ucalgary.ca/asr/> for more information.

York University invites applications for a tenure track appointment at the assistant professor level in the area of medicinal chemistry. Please see employment board for more information.

York University invites applications for a tenure track appointment at the assistant professor level in the area of material chemistry. Please see employment board for more information.

University of Alberta - requires a B.Sc. or M.Sc. chemist or engineer required for a technical position on a photovoltaics project. One year term. Very hands-on people strongly encouraged to apply. E-mail: researchisvital@gmail.com