

Archived newsletter website – http://www.chem.ualberta.ca/news_seminars/2009/newsletter/contents.html

To submit an item for inclusion in the departmental weekly newsletter, please email the item to newsletter@chem.ualberta.ca.

VISITING SPEAKERS

Prof. Ronald Raines, University of Wisconsin-Madison, will speak on: “*Chemical forces that stabilize proteins*” on Friday, Sept. 18, 2009 @ 1:00 p.m. in MEC 2-1

Laura L. Kiessling, Hilldale Professor of Chemistry and Biochemistry, Laurens Anderson Professor of Biochemistry, Department of Chemistry, University of Wisconsin-Madison, will speak on: “*Multivalent ligand probes of carbohydrates in signalling*” on Friday, Sept. 18 in NRE-2-001

Kenzo Hiraoka, University of Yamanashi, Kofu, Japan, will speak on “*Ambient imaging and profiling mass spectrometry by electrospray ionization using a solid needle as sampling probe*” on Monday, Sept. 21, 2009 @ 11:00 a.m. in E3-25.

Prof. Robert Batey, Department of Chemistry, University of Toronto, will speak on “*Advances in organic synthesis using organoboron and pericyclic chemistry*” on Tuesday, Sept. 22, 2009 @ 11:00 a.m. in E3-25.

Mark Nitz, Department of Chemistry, University of Toronto, will speak on “*Design of fluorescent glycosaminoglycan probes from peptides to cyclodextrins*” on Friday, Sept. 25, 2009 @ 11:00 a.m. in CAB 281

Michael L. Gross, Departments of Chemistry, Medicine, & Immunology, Washington University in St. Louis, will speak on “*Mass-spectrometry based biophysics: The fourth pillar of proteomics*” on Monday, Sept. 28, 2009 @ 11:00 a.m. in E3-25.

Morton Z. Hoffman, Professor of Chemistry, Department of Chemistry, Boston University, will speak on “*Teaching and learning chemistry: The three guiding principles*” in E3-25 @ 11:00 a.m. on Wednesday, Sept. 30

Dr. Abdul Malik, Department of Chemistry, University of South Florida, will speak on “*Sol-gel approach to column technology for analytical microseparation and sample preconcentration*” on Wednesday, Sept. 30, 2009 @ 1:00 p.m. in CAB 377.

502 Seminar

B.J. Medos will speak on “*Organo-SOMO catalysis: α -alkylation of aldehydes*” on Monday, Sept. 21, 2009 @ 11:00 a.m. in MEC 2-1.

CUME exam

CUME exam The next CUME exam has been scheduled for October 3, 2009 in E3-25 at 11:00 a.m.

Congratulations to:

Dr. Glen Loppnow who has recently been awarded a Vargo Teaching Chair at the University of Alberta. These positions have been created to foster excellence in teaching at the University. This program is committed to support individuals demonstrating innovative and creative teaching methods which enhance learning by undergraduate and graduate students.

Mojtaba Gholami (Tykwinski) passed his PhD final exam on August 31, 2009

Jeff Quesnel (Stryker) passed his MSc final exam on August 31, 2009

Stephanie Lessard (Hall) passed her MSc final exam on September 2, 2009

Rahul Samant (Cowie) passed his PhD final exam on September 3, 2009

Vivek Rauniyar (Hall) passed his PhD final exam on September 4, 2009

Tony Tam (Lowary) passed his PhD final exam on September 11, 2009

Venugopal Miyyapuram (Vederas) passed his PhD final exam on September 14, 2009

This weekend in Chemistry history

September 18

[Edwin Mattison McMillan](#) born 1907: transuranium elements; co-discoverer of [neptunium](#) (Np, element 93) and [plutonium](#) (Pu, 94); [Nobel Prize](#), 1951

September 19 [First underground nuclear test explosion](#), 1957. Previous [US nuclear weapons tests](#) were all above ground. (Thanks to Lucio Gelmini for bringing this to my attention.)

September 20

[James Dewar](#) born 1842: liquefied hydrogen; invented [vacuum flask](#) (Dewar flask); phosphorescence at low temperatures; co-developer of cordite

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>.

University of Kentucky is seeking candidates with interests at the interface of chemistry and biology for two tenure track positions at the assistant professor level with a start date of August 2010. Please see <http://www.chem.uky.edu/facultysearch> (includes instructions for submission of applications).

University of Calgary is seeking a Manager for their Instrumentation Facility. The appointee will have responsibilities managing the operation and maintenance of the Departmental Instrumentation Facility. Candidates must have a Ph.D. in chemistry or the equivalent, hands on experience in the operation and maintenance of NMR and/or Mass Specs. Qualified applicants should submit a curriculum vitae, statement of managing philosophy, evidence of experience in the operation and maintenance of instruments, and arrange for at least three letters of reference to be sent to: head@chem.ucalgary.ca

McMaster University is looking for a Synthesis/NMR Spectroscopy Research Technician on a contractually limited appointment with the potential for extension. Responsibilities include, but are not limited to the maintenance and operation of the CMCB Chemistry laboratory, operation, service and maintenance of a new Bruker AV700 NMR spectrometer, and preparing data and figures suitable for reports and research publications, presentation is required. The ideal candidate has a M.Sc. or higher degree in chemistry or a related field, backed by suitable experience in an academic, pharmaceutical or biotechnology setting. Expert technique in conducting the synthesis and NMR analysis of small organic molecules is essential. Experience in maintaining modern NMR instrumentation is required. Please send a cover letter, a copy of your curriculum vitae and a list of three references to: Dr. Gerald D. Wright Director, Michael G. DeGroote Institute for Infectious Disease Research, Michael G. DeGroote Centre for Learning, Room 2301, 1200 Main Street West Hamilton, Ontario L8N 3Z5.

University of Lethbridge has an opening for a postdoctoral research associate in the Hayes Research Group. This project is sponsored by the Canada School of Energy and Environment and focuses on development of P-stereogenic catalysts for the stereocontrolled polymerization of lactide. Candidates are expected to have a Ph.D. degree in a relevant field with a record of productivity. Strong communication skills are essential. The preferred start date is January 1, 2010 and the appointment is for one year. Review of applications will begin September 1, 2009 and will continue until the position is filled. Please send a cover letter and curriculum vitae and be prepared to submit at least 2 letters of recommendation upon request to: Dr. Paul G. Hayes at p.hayes@uleth.ca