

Visiting Speakers

Prof. Keith Fagnou, Department of Chemistry, University of Ottawa, will speak on "Catalytic Carbon-carbon bond formation without activating groups: A new Biaryl Synthesis" on Monday, April 16, 2007 at 11:00 a.m. in DP 2104.

Dan Mindiola, Indiana University, will speak on "Organometallic consequences of a one electron oxidation reaction. Mechanistic studies relevant to intermolecular C-X (X=H, O, F, and N) Bond Splitting reactions" on Thursday, April 19, 2007 at 1:00 p.m. in E3-25

David Clemmer, Indiana University, Department of Chemistry, will speak on "Understanding protein structure and dynamics in the gas phase: applications to proteomics" on Friday, April 20, 2007, at 2:00 p.m. in V-102.

Prof. Paul Hazendonk, University of Lethbridge, Department of Chemistry, will speak on "Methodological Developments in solid state 19F NMR of inorganic fluorides and fuel cell materials" on Friday, April 27 at 11:00 a.m. in E3-25.

502 SEMINAR

Venugopal Miyyapuram will speak on "Recent Developments and Applications of the Biginelli Reaction" on Wednesday, April 18 at 1:00 p.m. in E1-60

The CGSS Division 4 hockey team, the Chemical Brothers, won the division championship for the second year in the row this past weekend. We may want to nickname the department - University of Alberta Chemistry - Department of Champions.

A brief newsletter regarding IT matters has been published at <http://www.chem.ualberta.ca/~chemit/info/ChemITNews2007-01.pdf> and new issues will be generated on an as-needed basis, similar to the NMR Newsletter.

Sponsorship for "Walk For MS"

Gail Cowie and Karl Kopecky ("Team Indefatigable") will again be entering the "Walk For MS" to be held on Sunday 27 May. Karl will push Gail in her wheelchair over the 10 km route.

Gail and Karl are seeking sponsors for this walk in support of the Multiple Sclerosis Society. Anyone interested in sponsoring them is encouraged to contact Jeannette Loiselle in E3-44. Any level of support will be greatly appreciated. If you are available on the Sunday morning, Gail and Karl would love to have you join them on the walk.

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 Alberta, Agricultural Food and Nutritional Science, requires a lab technician in Soft materials Science. See employment board for more information.

Pittsburgh University, Department of Chemistry requires a lecture/lab coordinator. <http://www.pitt.edu/%7Eesweber/>

Palo Alto, CA, requires a device physicist – please see employment board for more information.

Mt. Allison University invites applications for a 9 month teaching appointment in organic chemistry.
<http://www.mta.ca/faculty/science/chem/index.html>

St. Francis Xavier University invites applications for a ten month limited term appointment at the Assistant Professor level beginning August 1, 2007.

Scientific American is searching for a start up client in Massachusetts at a Nanofabrication Scientist. Ph. Nick Meyler 818-597-3200 ext. 211.

Alberta Sulphur Research Limited requires a postdoctoral fellow <http://www.chem.ucalgary.ca/asr/>

University of Alberta (Bio Sci) has a summer job opportunity as a chemical lab assistant – please employment board for more information.

Xenon Pharmaceuticals Inc. has openings for 2 BS/MS and 1 PhD chemists to start immediately.

MCAT preparation program, requires individuals with a passion for teaching and great background in general, and/or organic chemistry. InfoVancouver@review.com

Outreach Activities can be accessed at: www.ualberta.ca/Outreach/whats%20new.htm#science
'Archived Outreach activities can be found at <http://www.mailman.srv.ualberta.ca/pipermail/fgsr-outreach/>.

CHEM 401/403 Talks

Monday Apr. 16, 2007 in E3-25

Time	Speaker (Supervisor)	Title
9:00 AM	Michael Hass (Bergens)	Catalyst Organic Frameworks for Asymmetric Hydrogenations
9:20 AM	Shawn Chizen (Stryker)	Synthesis of Bimetallic Cooperative Catalysts
9:40 AM	Melissa Faichuk (Veinot)	The Photochemical Etching of Silicon Nanocrystals
10:00 AM	Matthew Sirtonski (Veinot)	Improving the Thermal and Oxidative Stability of Polyfluorene-based Materials for Polymer Light Emitting Diodes (PLEDs)
10:20 AM	BREAK	
10:40 AM	Zhendong Li (Loppnow)	Photoluminescent Silicon Nanoparticles
11:00 AM	Susan Ng (Loppnow)	UV Resonance Raman Spectroscopy of 5-deuterouracil
11:20 AM	Walid Abdelaal (Wasylishen)	Preparation and Characterization of Metal Carboranes with Paramagnetic Centers
11:40 AM	Phuong Nguyen (Xu)	FTIR- Vibrational Circular Dichroism spectroscopy and Density Functional Theory studies of the chirality transfer effect in the aqueous solution of propylene oxide
12:00 PM	LUNCH	
12:30 PM	Karmen Ko (Klassen)	Arrhenius Parameters for Dissociation of Streptavidin-Biotin in the Gas Phase
12:50 PM	Nena Nguyen (Le)	Arsenic Speciation in <i>Typha latifolia</i> using HPLC ICP-MS
1:10 PM	Chen Liang (Lucy)	Study of Decomposition Kinetics of Carbazole Using High Temperature HPLC
1:30 PM	Nicole Oro (Lucy)	Anion- π Interactions in Capillary Electrophoresis
1:50 PM	BREAK	
2:10 PM	Haley Carlson (Campbell)	Engineering Fluorescent Proteins: New Chromophore Structures and Comparison with Computational Predictions
2:30 PM	B.J. Medos (Tykwinski)	Synthesis of Nanodiamonds
2:50 PM	Princess Cornelio (Vederas)	Synthesis of orthogonally protected β -methylanthionine derivatives
3:10 PM	Landon Reid (Vederas)	Synthesis of C-terminal Containing Peptides and the Development of a Side Chain Immobilizing Resin
3:30 PM	BREAK	
3:50 PM	Alissa Cheung (Lowary)	Synthesis of disaccharides for probing blood group glycosyltransferases
4:10 PM	Nikolas Romaniuk (Lowary)	Studies toward the synthesis of the repeating unit of the antigenic polysaccharide of <i>Eubacterium saburreum</i> , strain T19
4:30 PM	Mitch Huot (Cairo)	The Synthesis and Investigation of an Intramolecular Fluorescence Quencher
4:50 PM	Naresh Tulsi (Cairo)	Synthesis of a Probe for Protein Tyrosine Phosphatase
5:10 PM	Ryan Fradette (West)	Intermolecular Trapping of the Nazarov Intermediate via Electrophilic Aromatic Substitution
5:30 PM	Closing Remarks/Informal Social Gathering*	

* All 401/403 students, their supervisors, and interested faculty are invited to attend the Closing Remarks and the informal social gathering @ the Powerplant to celebrate the achievements of the past term.