

Visiting Speakers

Prof. Gerry Wright, Antimicrobial Research Centre, Dept. of Biochemistry and Biomedical Sciences, McMaster University, Hamilton, Ontario, will speak on "Chemical genetics approaches to new antibiotics" on December 3, 2007 at 11:00 a.m. in MEC 2-1 Mechanical Engineering.

There will be a luncheon in E4-43 on December 4 from 12:00-2:00 where all graduate students and postdoctoral fellows are invited to join.

Dr. Stephen Maldonado, Division of Chemistry and Chemical Engineering, California Institute of Technology, will speak on "Chemical control of electrode interfaces for energy conversion and storage" on Thursday, December 13, 2007 at 10:30 a.m. in E3.25.

502 SEMINAR

Ruokun Zhou will speak on "(-)-Diazonamide A, a Unique Marine Toxin: Total Synthesis and Biological Activity" on Wednesday, December 5 at 1:00 p.m. in E3-25.

CUMES – The next cumulative examination will be held on Saturday, December 1, 2007 at 11:00 a.m. in Rm. E3-25.

Annual Bioanalytical poster session
Featuring cutting edge research in bioanalytical, bioorganic(ytical?) and bionano(ytical?) chemistry!!
December 4th, 4th floor balcony from 12:30-2:30 p.m.

Tickets are now on sale for the fabulous annual CGSS Christmas banquet! You can buy them from Bernie Hippel at Stores (WB-26), Dr. Bob McDonald (E3-13) or Matt Zamora and Lindsay Hounjet in Dr. Cowie's lab (E3-18). Make sure you get there quickly, as space is limited!

The banquet will feature amazing door prizes of astounding value, fantastic entertainment provided by

DJ – Vince Ziffle

and the chance to see all of your fellow students, staff and faculty dressed to the nines (dress is as formal as you want it to be)!

Tickets are
\$23 for students and postdocs,
and \$27 for staff, faculty and guests.

Saturday, December 15th:

cocktails at 6 pm, food at 7 pm
@ The Maple Room, Lister Centre

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>.

Novartis has several positions available

- 1 – Medicinal chemists (BS/MS) 4 – Group Leader, Scale up (PhD)
- 2 – Chemogenetics lab head (PhD)
- 3 – Scale up chemists (BS/MS) 5 – Proteomics Res. Assoc. (BS/MS)

Intel is looking for a recent college graduate to investigate novel molecular synthesis techniques. Please see www.intel.com/jobs for more information.

Sanofi Aventis BioTalent Challenge is looking for mentors for High School students who are studying a biotechnology related question. Please see sabc.Edmonton@bioalberta.com for more information.

Western Washington University has a full time, tenure track position as an assistant or associate professor in biochemistry. Please see employment board for more information.

Natural Sciences and Engineering Research Council of Canada has openings for three postdoctoral fellows. Please see employment board for more information.

Brown University invites applications for a faculty position (open search) in the general area of inorganic chemistry at the Professor rank or tenured senior rank. Please see employment board for more information.

Queen's University, Department of Chemistry invites applications for an appointment as the Alfred Bader Chair in Organic Chemistry. Please see www.chem.queensu.ca for more information.

University of Alberta has an opening for a Laboratory technician. Please see employment board for more information.

Indiana University is seeking applicants for a faculty position in Analytical Chemistry. Please see employment board for more information.

UOIT invites applications for a tenure stream position in Chemistry at any rank. Also invitations are extended for a full time position as Associate Dean in the Faculty of Science. Please see employment board for more information.

Xenon Pharma, has an immediate opening for a BS/MS chemist. Please see <http://www.xenon-pharma.com> for more information.

University of Munich, has an immediate opening for a scientist in Chemical Proteomics with a strong background in synthetic organic or medicinal chemistry. **There is also** an opening for a scientist of data management and bioinformatics with a strong background in relational database technology and object oriented programming. Please see www.wzw.tum.de/bioanalytik for more information.

CHEM 401/403 Talks Friday Dec. 7, 2007 E3-25

Time	Speaker (Supervisor)	Title
9:40 AM	Michelle Morrow (Lowary)	Synthesis of UDP-C-galactofuranose, a potential inhibitor of galactofuranosyl transferases in <i>Mycobacterium tuberculosis</i>
10:00 AM	Andrew Stevens (Lowary)	Formation of 1,2-cis Glycosidic Bonds in Furanose Ring Systems
10:20 AM	COFFEE BREAK	
10:40 AM	Jing Li (Hall)	The application of Vivol
11:00 AM	Hernan Martinez (Campbell)	Development of a FRET-based Cdk1 biosensor
11:20 AM	Darrel Cotton (Campbell)	Directed Evolution of Circularly-permuted Red Fluorescent Proteins
11:40 AM	Myron Wilde (Tykwinski)	Synthesis and Characterization of a Cross Conjugated Macrocyclic from the Diphenylalkylidene Building Block
12:00 PM	LUNCH BREAK	
1:00 PM	Nena Nguyen (Le)	Detection of Temperature-Induced Conformational Changes in Various Proteins Using CE-LIF and Fluorescently-labeled Aptamers as Probes
1:20 PM	Leila Yu (Le)	Method Development for the Analysis of Arsenic Species in Blood Serum Using HPLC-ICPMS
1:40 PM	Justin Anderson (Harynuk)	Gas Chromatography - Mass Spectroscopy Multivariate Computer Model To Determine Ignitable Fluids In Arson Investigations
2:00 PM	Jenilee Way (Wong)	Chiral Separation of Polychlorinated Biphenyl (PCB) Enantiomers by High Pressure Liquid Chromatography (HPLC)
2:20 PM	COFFEE BREAK	
2:40 PM	Yang Liu (Xu)	Solvent effects on vibrational circular dichroism measurements
3:00 PM	Lydia Glover (Veinot)	Thermally and Oxidatively-Stable Blue-emitting Polyfluorene-based Materials For Polymer Light-Emitting Diodes
3:20 PM	Jennifer Ruhl (Veinot)	Material Properties and the Fabrication of Polymer Light-Emitting Diodes
3:40 PM	Michael Gaultois (Mar)	Investigation of Ternary Zirconium Silicon Arsenides in the Zr-Si-As System
4:00 PM	BREAK	
4:10 PM	Clare Donnelly (West)	TBA
4:30 PM	Elisha Edwards (West)	Synthesis of a 7-membered monocyclic ring via oxonium ylide rearrangement
5:00 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 RATT to celebrate the achievements of the past term.