

Visiting Speakers

Marc Porter, Departments of Chemistry, Chemical Engineering and Bioengineering, University of Utah, Salt Lake City, will speak on "Nanometric materials in optical and magnetic strategies for disease diagnosis" on Friday, April 11, 2008 @ 2:00 p.m. in E3-25.

Prof. Thomas Back, Department of Chemistry, University of Calgary, will speak on "New approaches to the synthesis of alkaloids and related heterocycles" on Wednesday, April 23, 2008 at 11:00 a.m. in CEB 321 (Civil Engineering Bldg.)

CUME EXAMS The next cume exam will be Saturday, May 3, 2008 at 11:00 a.m. – 12:30 p.m. in E3-25.

PhD Seminars

Julie Michaud will speak on "Carbonyl sulfide-doped and cyanoacetylene-doped hydrogen clusters studied with rotational spectroscopy" on Tuesday, April 15/08 @ 11:00 a.m. in E3-25.

502 Seminars

Hongqiang Liu will speak on "Recent mechanistic developments and application in chemical and enzymatic asymmetric pictet-spengler reactions" on Monday, April 14, 2008 @ 11:00 a.m. in NRE 2-003.

Ming Tao will speak on "Molecular imaging using positron emission tomography" on Wednesday, April 16/08 @ 11:00 a.m. in E3-25.

CORRECTION:

Congratulations to: Drs. George Kotovych and Jeffrey Stryker who were the recipients of the CSA teaching award this year by honors chem., spec chem., and CSA members.

Congratulations to: Julie Michaud who successfully defended her PhD thesis on Monday, April 7, 2008.

Invitation

2008 BAYER POSTDOC WORKSHOP September 13-16, 2008

Prof. Dr. Gunter Benz
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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>.

Xenon Pharmaceutical Inc. has openings for BsC and MSc students. Please see employment board for more information.

St. Francis Xavier University invites applications for a 3 year limited term appointment for an Assistant Professor level beginning August 1, 2008. Please see employment board for more information.

St. Francis Xavier University invites applications for a 10 month term appointment for an Assistant Professor level beginning August 1, 2008. Please see employment board for more information.

University of Toronto has a position available for an experimental Senior Research Associate in Materials Chemistry. Please see www.light.utoronto.ca for more information.

University of Toronto has a position available for a Senior Research Associate in Semiconductor Process Engineering. Please see www.light.utoronto.ca for more information.

IOSIL Energy Corporation are seeking people with a strong interest in renewable energy that have who will report to the Chief Technology Officer. Please see employment board for more information.

University of Vermont invites applications for a lecturer position in chemistry. Beginning in August 2008. Please see www.uvmjobs.com (Department of Chemistry) for more information.

Locksearch Group has a client that is looking for an analytical research chemist who will be responsible for conducting scientific research for the discovery of drugs through laboratory experimentation. Please contact Steven Davidson at sdavidson@locksearchgroup.com for more information.

Locksearch Group has a client who is looking for manufacturing technologist where you will be assisting in the manufacturing of revolutionary pharmaceutical products. Please contact Steven Davidson at sdavidson@locksearchgroup.com for more information.

Université Louis Pasteur is seeking candidates for a two year CNRS post-doctoral position to begin Sept. or Oct. 1st but not later than Jan. 1/09. Please see <https://www2.cnrs.fr/DRH/post-docs08> for more information.

CHEM 401/403 TALKS – Monday, April 14, 2008 – E3-25

Time	Student	Supervisor	Title
9:00	Leila Yu	Le	Method Development and analysis of Arsenic Species in Blood Serum Using HPLC-ICP-MS
9:20	Justin Anderson	Harynuk	TBA
9:40	Jenilee Way	Wong	Chiral Separation of Polychlorinated Biphenyl (PCB) Enantiomers by High Pressure Liquid Chromatography (HPLC)
10:00	Lisa D'Agostino	Harynuk	Comparing Deconvolution and Valley-Drop Methods for Peak Integration When Determining Enantiomer Fraction
10:20	Break		
10:40	Davin Piercey	Veinot	Synthesis of 9,9-dibstituted dibromofluorenes for polymerization and application
11:00	Leah Coumont	Veinot	Synthesis of novel fluorene-based materials for polymer light-emitting diode applications
11:20	Lydia Glover	Veinot	Synthesis and Investigation of Blue Light-emitting Polyfluorene-based Materials Containing Sulfur, Bromine and Fluorine
11:40	Break		
13:00	Sherni Koh	Brown	Brown Computational Studies of Photoabsorption of Substituted Coumarins
13:20	Yuan Ma	Roy	Quantum molecular dynamics with classical trajectories: the water dimer test case
13:40	Craig Turk	Loppnow	Excited State Structural Dynamics of 5-Methylcytosine
14:00	Yang Liu	Xu	Effects of hydrogen bonding on the chiroptical measurements of methyl lactate in solution
14:20	Break		
14:40	Verner Lofstrand	Stryker	Cobalt Mediated [5+2] Cycloaddition Reaction: Expansion to a 1,3-Dimethylpentadienyl Complex
15:00	Andrew Stevens	Lowary	Preferential Formation of 1,2-cis Glycosidic Linkages in Furanose Ring Systems
15:20	Simon Byrns	Lowary	Synthesis of α -(1 \rightarrow 5)-linked Oligomers of L-arabinofuranose as Ligands for an Active Site Mutant α -L-arabinofuranosidase
15:40	Break		
16:00	Darrel Cotton	Campbell	Creating Red Fluorescent Protein Based Ca ²⁺ Sensors
16:20	Elisha Edwards	West	Synthesis of a 7-Membered Ring via Oxonium Ylide Rearrangement
16:40	Myron Wilde	Tykwinski	Towards the Synthesis of a Cross-Conjugated Macrocyclic
17:00	Closing remarks/Informal Social Gathering*		

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

One –day Preconference Course - *Use of Microwaves in Organic Chemistry: Principles and Applications*

Saturday May 24th 2008, 8:00am to 4:30pm, Taylor Room, National Institute of Nanotechnology (NINT), University of Alberta

(Preceding the 91st Canadian Chemistry Conference and Exhibition)



Instructor: C. Oliver Kappe, PhD, Associate Professor of Organic Chemistry and Director of the Christian Doppler Laboratory for Microwave Chemistry (CDLMC) at the University of Graz, Austria

Who Should Attend

Chemists from industry, academia or government who are involved in basic research in biotechnology, pharmaceutical, agrochemical, or related synthetic topics. These could include medicinal, organic, or combinatorial chemists. A basic knowledge of chemistry is required. The course is designed to spark an interest in this new emerging field, and improve the synthetic productivity of any practicing B.S., M.S., and Ph.D. chemist.

General information about course outline and registration details could be found at: <http://www.csc2008.ca> or <http://www.ualberta.ca/~perezpin/main.html>

Contact person:

Dr Rolando Perez-Pineiro

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