

Visiting Speakers

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.)

Prof. John Nolan, La Jolla bioengineering Institute, La Jolla, CA, will speak on "Raman spectroscopy meets flow cytometry: High speed multiplexed cell and biomolecular analysis" on Friday, April 25/08 @ 2:00 p.m. in E3.25.

Prof. Gary Schrobilgen, Department of Chemistry, McMaster University, Hamilton, Ontario, will speak on "Xenon(II) Sulfur Nitrogen Fluoride Cations Derived from $N\equiv SF_3$; the Synthesis and Structure of $FXeONO_2$; and New Xenon(IV) and (VI) Oxide Fluoride Anions and Cations" on Tuesday, April 29/08 @ 11:00 a.m. in E3-25.

The 2008 Merck Frosst Lecture series presents **Stephen Hanessian**, University of Montreal, who will speak on "Structure-based Synthesis: From Natural Products to Drug Prototypes" on Monday, April 28/08 @ 11:00 a.m. in CAB 235.

Prof. Andrew Whiting, Department of Chemistry, University of Durham, UK, will speak on "Palladium, polyenes and natural products" on Monday, May 5, 2008 @ 11:00 a.m. in NRE 2-003

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

Bryan Demko, will speak on "A Solid-State NMR Comparison of Main Group and Transition Metal Square-Planar Complexes of the Diselenoimidodiphosphinate Anion" on Tuesday, April 29/08 @ 2:00 p.m. in E3-25.

502 Seminars

Amr Mahmoud will speak on "Direct Comparison of Au^{3+} and C_{60}^+ Cluster Projectiles in SIMS Molecular Depth Profiling" on Wednesday, April 23/08 @ 11:00 a.m. in E3-25.

Chemistry Joke of the Week

A chemist walks into a pharmacy and asks the pharmacist, "Do you have any acetylsalicylic acid?"

"You mean aspirin?" asked the pharmacist.
"That's it, I can never remember that word."

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.

Invitation

2008 BAYER POSTDOC WORKSHOP September 13-16, 2008

Prof. Dr. Gunter Benz
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Congratulations to: Dr. Josephine Tsang who is a post doc with Dr. Liang Li. She has been named one of "Chatelaine's 80 amazing Canadian women to watch". See page 280 of the May issue of chatelaine for a short blurb about Jojo..

Congratulations to: Melanie and Jason Kaban who became the proud parents of twin girls, Michelle and Natalie on Friday 11 April 2008,. Melanie and the girls are doing fine and are now at home. If you wish to contribute a few dollars for flowers and sign their card, please see Wayne Moffat or Ryan Lister in E5-47 before next Thursday 24 April.

This weekend in Chemistry History

April 19

- [Samuel Cox Hooker \[scroll down\]](#) born 1864: sugar chemistry
- [Antoine Lavoisier](#) claimed the right to the discovery of [oxygen](#) (O, element 8), arguing that he and [Joseph Priestley](#) discovered the [same facts](#), but that he [recognized the role of oxygen in combustion](#) while [Priestley explained it in terms of phlogiston theory](#), 1776. (This claim is treated fictionally in the play [Oxygen by Carl Djerassi and Roald Hoffmann](#).)
- [Ines Hochmuth Mandl](#) born 1917: biochemical basis of [pulmonary emphysema](#); medicinal uses of [collagenases](#), [elastases](#), and their inhibitors; [Garvan Medal](#), 1982
- [Monsanto](#) incorporated, 1933.
- [François-Charles-Léon Moureu](#) born 1863: organic chemistry; oxidation and antioxidants; first president of [IUPAC](#).
- [Glenn Theodore Seaborg](#) born 1912: codiscoverer of [plutonium](#) (Pu, element 94), [americium](#) (Am, 95), [curium](#) (Cm, 96), [berkelium](#) (Bk, 97), [californium](#) (Cf, 98), [einsteinium](#) (Es, 99), [fermium](#) (Fm, 100), [mendelevium](#) (Md, 101), [nobelium](#) (No, 102), and [seaborgium](#) (Sg, 106) ([named by his coworkers](#)); [Nobel Prize](#), 1951.

April 20

- [Franz Karl Achard](#) born 1753: introduced [platinum crucible](#); invented process for [extraction of sugar](#) from [sugar beets](#) and opened the first beet sugar factory.
- [American Chemical Society organized, 1876](#), in New York City.
- Wilhelm Körner born 1839: [isomerism in substituted benzenes](#).
- [Karl Alexander Müller](#) born 1927: [high-temperature superconducting](#) materials; [Nobel Prize \(Physics\)](#), 1987.
- [Gertrude Perlmann](#) born 1912: protein biochemistry, particularly [phosphoproteins](#); [Garvan Medal](#), 1965.
- [Kai Manne Siegbahn](#) born 1918: electron spectroscopy; son of 1924 Nobel laureate X-ray spectroscopist [Karl Siegbahn](#); [Nobel Prize \(physics\)](#), 1981.