

# Chemistry Newsletter

Chemistry Winter Office Hours are Monday – Friday 8:30-12:00 and 1:00-4:30

September 3, 2004 Volume 31 No. 36

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## THIS MONTH'S

The University of Alberta, Department of Chemistry presents The Harry Emmett Gunning Lecture Series. **Professor Mark A. Ratner**, Department of Chemistry, Northwestern University, Evanston, IL, USA will speak on:

“Molecular electronics and transport junction: Some generalities on Tuesday, Sept. 7, at 11:00 a.m. in V-107 (Physics Wing).

“Molecular electronics and transport junctions: Some mechanistic issues on Wednesday, September 8, at 11:00 a.m. in V-107

“Molecular nanoscale assemblies: some modeling results” on Thursday, September 9, 11:00 a.m. in V-107

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University of Alberta Chemistry Department presents the Edward Herbert Boomer Memorial Lectures. **Dr. Robert Kennedy**, Hobart H. Willard Professor of Chemistry, and Professor of Pharmacology, University of Michigan – Ann Arbor, Michigan, will speak on :

“Measuring the chemistry of life: How chemical measurements change our view of life processes on Monday, September 13, 2004 in Education North Room 2-115 at 4:00 p.m.

“New opportunities in chemical analysis by incorporation of affinity interactions into chemical separations on Tuesday, September 14, 2004 in V-106 at 4:00 p.m.

“Chips, imaging, and sensors for monitoring living cells on Wednesday, September 15, 2004 in V-wing Room V-107 at 11:00 a.m.

“Exploring brain chemistry in vivo using novel technology based on micro fluidics, capillary electrophoresis, and mass spectrometry on Thursday, September 16, 2004 at 4:00 p.m. in V-106

## VISITING SPEAKERS

**Dr. Jason Cleveland**, Department of Chemistry,, Asylum Research, Santa Barbara, California will speak on “Fazed by phase imaging” on Tuesday, Sept. 7, 2004 at 1:00 in E3-25.

**Prof. George Agnes**, Department of Chemistry, Simon Fraser University, Burnaby, British Columbia, will speak on “Chemistry and applications of media with net charge” on Friday, September 10, 2004 at 12:00 p.m. in E3-25.

The E. Gordon Young Lectureship of the chemical Institute of Canada and the 75<sup>th</sup> Canadian Society for Chemistry Lectureship Committee presents **Dr. Jacqueline Barton**, California Institute of Technology who will speak on “DNA: a different perspective” on Monday, September 20, at 7:30 p.m. in the atrium of the King’s University College, 9125-50 St. Edmonton.

**Dr. Jacqueline Barton** will present a more technical lecture on the topic of “DNA, recognition with metallointercalators” on Tuesday, September 21 at 11:00 in V-107 at the Gunning/Lemieux Chemistry Centre.

The 2004 Boehringer Ingelheim Lecturer, **Prof. Andrew Myers**, Department of chemistry and Chemical Biology, Harvard University, Cambridge, Massachusetts will speak on “A convergent and enantioselective synthetic route to the tetracycline antibiotics” on Thursday, September 23, 2004 at 1:00 p.m. in V-128 (Physics wing)

This is the  
**Labour Day Long Weekend**  
The University buildings  
will be closed  
**Monday, Sept. 7, 2004**

## NOTICES

**University Open House, Saturday October 2, 9:00 to 4:00. Would you like to do experiments and talk with students at the Chemistry Department display?**

The Chemistry Department display for high school students visiting the University during Open House will be at Booth 17 in the Universiade Pavilion (Butterdome) on Saturday October 2, between 9.00 am and 4.00 pm. We need people who would be willing to share their enthusiasm for chemistry with the students, hand out information and do experiments during that day. All the materials will be at the booth and there will be instructions for the experiments. There will be a brief information session at 5.00 pm on Wednesday, September 29 in W3-35. Please sign up on the sheet at Jeannette's desk in the General Office, E3-44. If you would like more information, talk with Margaret-Ann Armour in W3-35.

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The next cumulative examination will be held on **Saturday, September 11, 2004 at 11:00 a.m. in Room E5-36.**

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The photos from Shannon Qualie's farewell party are available for viewing in the mail room (E3-43). If you would like to order reprints, please indicate on the sheet in front of the album.

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**Clearance exams will take place September 7-11  
Please see Iona Baker to register for them.**

**A warm Chemistry  
welcome to all of our  
new graduate  
students!**

## 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>**

**McMaster University** invites applications for a tenure-stream faculty position in any area of inorganic chemistry at any level.

**University of Vermont** invites applications for a tenure-track assistant professor position in inorganic chemistry with a focus in Synthetic organic chemistry.

**University of Vermont** invites applications for a tenure-track assistant professor position in organic chemistry with a focus in Synthetic organic chemistry.

**Acadia University** has a tenure track position available for organic chemistry starting July 1, 2005

**California Institute of Technology**, division of chemistry and chemical engineering has research opportunities for postdoctoral scholars. <http://cce.caltech.edu>

**University of Iowa**, has an inorganic chemistry faculty tenure track Assistant Professor position available.

**Dalhousie University**, Department of chemistry has a tenure-track appointment available at the rank of Assistant Professor in the field of Materials Chemistry. <http://www.chem.dal.ca/no2004mcsearch.html>

**University of Buffalo**, The State University of New York has an assistant, associate or full professor in molecular diversity/medicinal chemistry position available. <http://www.chem.buffalo.edu/>

**University of Illinois at Urbana-Champaign**, Department of Chemistry invites applications for full-time tenure-track positions at the Assistant, Associate, and Full Professor levels in all areas of chemistry including the interdisciplinary areas of materials chemistry and chemical biology.  
<http://www.scs.uiuc.edu/chem/posannounce.html>

**Brock University**, has 3 tenure track positions for bioorganic, inorganic and analytical chemistry. [www.brocku.ca/biotechnology](http://www.brocku.ca/biotechnology)

**University of Toronto**, has an assistant professor position available for inorganic chemistry.

**Michigan State University** has a tenure-track position at the assistant professor level for organic chemistry.

<http://www.chemistry.msu.edu>

**NRC**, requires a Scientific and business support officer in Calgary. [www.nrc-cnrc.gc.ca/careers](http://www.nrc-cnrc.gc.ca/careers)

**Georgia Institute of Technology**, School of chemistry and biochemistry, seeks to fill several new tenure track faculty positions

**University of Utah**, Department of Chemistry two tenure track positions available in physical chemistry to be filled at the junior level but exceptional senior candidates may be considered.

**Outreach Activities** can be accessed at:  
[www.ualberta.ca/Outreach/whats%20new.htm#science](http://www.ualberta.ca/Outreach/whats%20new.htm#science)