

# Chemistry Newsletter

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

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## VISITING SPEAKERS

Astra Zeneca Lecturer, **Prof. M. Reza Ghadiri**, Department of Chemistry and Molecular Biology and Skaggs Institute for Chemical Biology, The Scripps Research Institute, La Jolla, California will speak on “Toward synthetic biology: Design and study of complex peptide networks on Monday, November 15, 2004 at 11:00 a.m. in V-107.

**Dr. Susan Kauzlarich**, Department of Chemistry, University of California – Davis, will speak on “Synthesis and characterization of magnetic Zintl phases and group IV semiconductor nanoparticles” on Thursday, November 18, 2004 at 11:00 a.m. in E3-25.

**Prof. A. Ramamoorthy**, Department of Chemistry, University of Michigan, Ann Arbor, Michigan, will speak on “Mechanism of membrane disruption by antimicrobial peptides” on Monday, November 22, 2004 at 11:00 a.m. in V-107.

## 502 SEMINARS

Johnathan Mane will speak on “prebiotic molecules in the interstellar space” on Wednesday, November 3, 2004 in V-107.

Vincent Ziffle will speak on “Recent advances in homogeneous gold catalysis” on Monday, November 8 at 11:00 a.m. in V-107 Physics wing.

## NOTICES

**CUME EXAMINATION** — The next cumulative examination will be held on **Saturday, November 6, 2004** at 11:00 am in Room E5-36.

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The next materials chemistry lunch will take place Friday, November 5, at 12:00 p.m. in E3-25. Prof. Glen Lopnow will be giving a talk entitled: Whips and chains: Structural dynamics and electron transfer on nanoparticle surfaces.

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The Industrial Internship Program presents students reports from **Hashem Taha** who worked in the Department of Chemistry Instructional resource Centre and **Stella Dang** who worked at Syncrude Canada Ltd., in Fort McMurray in E5-36 on November 8 at 4:00 p.m.

**TIME TO TURN YOUR CLOCK BACK!!!**  
**Saturday at midnight**  
**The clocks get turned back 1 hour**

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...the Halloween goblin has struck again – bwahaha!

**IMAGING COMPETITION:** Any image having at least one dimension 20 cm. (8”) and not exceeding 25 cm. (10”) will be accepted, i.e. 20 cm x 20 cm square format: 25 cm. X 5 cm. Rectangles, or 20 cm. Dia circles are all acceptable. But no itty-bitty visually challenging images please! Then submit your photograph(s) by November 30. There is a limit of three entries per contestant. There will be three judges, two external to the Department and one an Emeritus Professor of Chemistry. Subject matter will be Special category for pictures taken inside the Department color, and black and white (The Department of Chemistry reserves the right to use, on its web site or in its publications, any of the images submitted in the competition.), one wide ranging general category B&W, and one wide ranging category color.

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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>

**Brock University**, Nuclear magnetic resonance technologist, Department of Chemistry, St. Catharines, Ontario  
[www.brocku.ca/chemistry](http://www.brocku.ca/chemistry) or [www.brocku.ca/biotechnology](http://www.brocku.ca/biotechnology)

**University of Illinois at Chicago**, Department of chemistry invites applications for a tenure track assistant professor in organic chemistry.

**University of North Dakota**, invites applications for a tenure track assistant professor in analytical chemistry.

**Grand Valley State University**, Department of Chemistry seeks tenure track faculty positions in analytical chemistry, organic chemistry and biochemistry.

**University of Calgary**, invites applications and nominations for the position of Dean of Science.

**University of Calgary**, Department of chemistry invites application for a full time tenure track position in any area of theoretical, computation or physical organic chemistry at the assistant professor level.

**University of Calgary**, Department of Chemistry seeks associate or full professor of physical chemistry

**Iowa State University**, Department of Biochemistry, biophysics, and molecular biology seeks a tenure track assistant professor

**University of Nebraska-Lincoln** – Faculty positions (analytical, bioanalytical, mass spectrometry, protein/macromolecular crystallography, computational/theoretical) in Chemistry, Assistant or associate professor

**University of Manchester** — Postdoctoral positions

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

### Gunning Lecture Photo

There is a copy of the recent Gunning Lecture Series photograph to be viewed in Jackie Jorgensen's office (E4-34). If you would like to order a print, please pay for the copy at the time of ordering.

Cost: 8" x 10" (\$18.00) and 5" x 7" (\$10.00)

### *The 2004 Edward Herbert Boomer Memorial Lectures Series Group Photograph*

*A digital sample of the 2004 Edward Herbert Boomer Memorial Lectures Series group photograph, taken September 14<sup>th</sup>, 2004 - can be viewed in W4-35. Orders will also be taken in W4-35 for high quality photographic prints of the photograph.*

*Cost of prints is:*

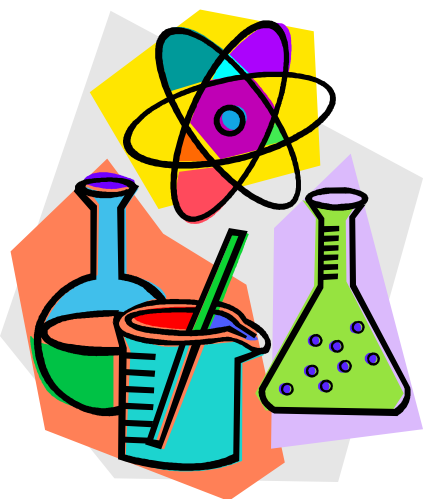
5" x 7" - \$10.00

8" x 10" - \$18.00

# CHEMISTRY MAGIC SHOW!

## GRADUATE STUDENTS NEEDED!

**Are you fun and  
creative in Chemistry?  
Come out and demonstrate  
your expertise  
during our annual  
SCIENCE WEEK!  
November 1-6**



If interested, contact Meilai at: [meilai@ualberta.ca](mailto:meilai@ualberta.ca) for more info.