CHEMISTRY NEWSLETTER

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VISITING SPEAKERS

Professor Richard McCreery, Department of Chemistry, Ohio State University will speak on "Carbon-based Molecular Junctions: a Unique Approach to Molecular Electronics" on Wednesday 6 July 2005 at 1:00 pm in Room V-107 Physics Wing.

NOTICES

IMPORTANT — DOMESTIC HOT WATER SHUTDOWN — The domestic hot water shutdown will run from **Friday 17 June at 8:00 am to Sunday 26 June at 6:00 pm**.

IMPORTANT — CHILLED WATER SHUTDOWN — There will be a planned shutdown of the chilled water for Biological Sciences, Physics and some areas of the Chemistry building from **Saturday 25 June at 6:00 am** to **Saturday 25 June at 11:59 am**. This shutdown is to tie in the new CCIS building.

Congratulations to Jillian Buriak who has recently been awarded the 2005 Martha Cook Piper Research Prize of this University. This prize is given annually to recognize faculty members who are at the early stage of their career, enjoy a reputation for original research, and show outstanding promise as researchers.

Congratulations to:

Colin Hessel who received the award for best materials chemistry poster at the recent CSC conference in Saskatoon

Lise Menard who won 3rd prize in the undergraduate poster session in the Organic Division

Jose Rodriguez who won 3rd prize in the undergraduate poster session in the Inorganic Division

Reactive Intermediates in Photochemistry — An international symposium celebrating Tito Scaiano's achievements — August 24 - 26, 2005, University of Ottawa, Ottawa, Canada

FGRS Outreach Opportunities are posted on the bulletin board by the mailboxes

1. WISEST mentors
2. Leadership
3. Archbishop Macdonald High School Speakers Forum
4. Aids Research Survey

Surplus Chemicals

Dr. Cavell has surplus chemicals in his lab. Anyone who would like can have them free of charge by contacting Jim or Robert in E4-24.

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

Acadia University — Tenure-track position in Biochemistry
Dalhousie University — NSERC University Faculty Award

SURFACE SPECTROSCOPY TECHNICIAN — Faculty of Science - Chemistry
CompetitionNo: 0506FTT10658LE
Posting Date: June 15, 2005
Closing Date: June 29, 2005
Position Type: Full Time - Grant Funded
Salary range: $3059 - $3855 per month
Grade: 8
Hours: 35 per wk
This position has a comprehensive benefits program. End date: March 31, 2009

Duties
This position will provide operational support for instrumentation within the University of Alberta's Protein Gene Discovery Centre (Prote-Gene) and technical support for research projects utilizing this instrumentation; is responsible for the maintenance, optimization and operation of Raman spectroscopic and surface plasmon resonance (SPR) imaging instrumentation to be used for the detection (reading) of biological binding events on surfaces.

- Ensures the day-to-day operation of Raman and SPR instrumentation including establishing a scheduling protocol for users, scheduling service visits from the vendors as well as performing standard maintenance, repairs and optimization of instrument settings
- Trains new users on the equipment and aid in the initiation of user projects, when necessary
- Creates standard operating procedures and documentation related to training of graduate students and other research personnel on the equipment
- Implements and maintains a fee structure for outside users
- Ensures that reagents and supplies are adequately maintained for the equipment, in a timely fashion
- Learns established procedures and develops new methodology for the microfluidic patterning of surfaces to fabricate biomolecule arrays
- Learns established procedures and develops new methodology for detecting biological interactions at fabricated arrays with SPR imaging and Raman spectroscopy
- Works with collaborators to ensure the efficient transfer of information and materials
- Ensures that documentation relative to the fabrication and reading of bimolecular arrays is complete

Qualifications
- Technical diploma (chemistry, physics, biology or related field); BSc (chemistry, physics, biology, or related field) preferred with a strong background in analytical spectroscopy
- Direct knowledge and experience in lasers, Raman spectroscopy or SPR an asset
- Direct knowledge of standard analytical spectroscopies such as infrared, UV-visible and fluorescence
- Experience with biological materials an asset

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More Outreach Activities can be accessed at:

www.ualberta.ca/Outreach/whats%20new.htm#science