

# Chemistry Notices

For the Week of June 14 to June 18, 2010

## VISITING SPEAKERS & SEMINARS

**Professor David Davies**

Department of Chemistry  
University of Leicester, Leicester, England/UK

*will speak on*

*"Ambiphilic C-H activation: Mechanism and Applications in Catalysis"*

**Friday, 25 June 2010**

**11:00 a.m. in room E3-25**

## EMPLOYMENT OPPORTUNITIES

**Gilead Sciences Ltd.**, Analytical Development Group has an Analytical Research Scientist I position available at their Edmonton facility. They are seeking individuals with a PhD in analytical chemistry, or related expertise, with one year of post doctoral research experience. This role requires in depth knowledge and hands on experiences in HPLC, LC-MS, and GC. Expertise in molecular elucidation by using LC-MS, GC-MS, ICP-MS, XRD, and NMR is highly desirable. Apply at: [www.gilead.com](http://www.gilead.com)

**Alberta Environmental Appeals Board** is accepting applications from qualified individuals to serve as a Board Member. Opportunities are available for part-time Board Members with a technical, scientific, or public policy background relating to environmental issues. Expertise in medicine, engineering, or water resources is preferred. Please go to [www.jobs.alberta.ca](http://www.jobs.alberta.ca) for more information and to apply directly on-line, or fax your resume to the Environmental Appeals Board at (780) 427-4693. The closing date for this competition is June 18, 2010.

**Acadia University**, Department of Chemistry is seeking to fill a nine month contractually limited position at the rank of Instructor I commencing on August 1, 2010. Duties will primarily be the preparation and instruction of laboratory sections in support of chemistry courses taught during the 2010/11 academic year. Applications should include a letter of application, curriculum vitae, and the names, addresses, phone numbers, and e-mail addresses of three people providing letters of reference. Review of applications will begin June 3, 2010, and continue until the position is filled. Applications and reference letters should be sent to:

## EMPLOYMENT OPPORTUNITIES - *continued*

Dr. Jeffrey T. Banks, Head  
Department of Chemistry, Acadia University  
Wolfville NS B4P 2R6  
Facsimile: (902) 585-1114  
E-mail: [jbanks@acadiau.ca](mailto:jbanks@acadiau.ca)

**McMaster University**, Faculty of Engineering invites applications for a tenure-track faculty position in the area of Nuclear Materials. The applicant should have expertise in the field of nuclear materials, with a focus on structure and properties relationships of various reactor components and technologies. Applicants must hold a PhD in Materials Science/Engineering, or Engineering Physics, or a closely related discipline. This position is available as of July 1, 2010 and will remain open until filled. Applications by e-mail are encouraged. Interested applicants should send a letter of application, curriculum vitae, statements of teaching and research interests, a selection of research publications, and the names and addresses of at least three references to:

Faculty Selection Committee  
Department of Materials Science and Engineering  
McMaster University  
1280 Main Street West  
Hamilton ON L8S 4L7  
E-mail: [matsci@mcmaster.ca](mailto:matsci@mcmaster.ca)  
Reference: NUCLEAR 2010

**Keyano College** has a unique, contract-employment opportunity for an Environmental or Science student (Bachelor or Master) to teach a terrestrial course in our Environmental Monitoring program. The course dates are June 28th - July 9th (students have scheduled days off on June 30th and July 2nd). The course curriculum is fully developed and an outline can be emailed upon request. Contact:

Beverly Knibb, Coordinator  
Environmental Monitoring Program  
Community & Upgrading Education  
8115 Franklin Avenue  
Fort McMurray AB T9H 2H7  
1-800-251-1408 Ext. 3941  
Office: 780-715-3941  
Fax: 780-791-4868  
[www.keyano.ca](http://www.keyano.ca)

## EMPLOYMENT OPPORTUNITIES - *continued*

**The University of Pennsylvania School of Medicine**, Department of Radiology, is seeking three post doctoral fellow candidates:

- Post-Doctoral Fellow in Hyperpolarized  $^{13}\text{C}$  NMR (Position No. 547961)
- Post-Doctoral Fellow in Metabolic Hyperpolarized NMR (Position No. 547962)
- Post-Doctoral Fellow in Hyperpolarized Gas MRI (Position No. 547963)

These projects involve significant interaction with colleagues specializing in biochemistry, cell culture and *in vivo* techniques in a medical environment, as well as specialists in MRI and contrast agent hardware, pulmonary physiology, radiology, and sinus surgery. An in-depth and physically-based understanding of magnetic resonance is essential to these projects. Experience and comfort with hardware (electronics and computer control, RF, vacuum systems) is desirable as well. Please forward a cover letter, an up-to-date CV including a list of your publications, and the names & addresses of three references to:

Kiarash Emami  
Department of Radiology, University of Pennsylvania  
422 Curie Blvd, B1 Stellar-Chance Labs  
Philadelphia PA USA 19104-6100  
Fax: 215-573-2113  
Email: [upennradiologypostdoc@gmail.com](mailto:upennradiologypostdoc@gmail.com)

**The University of Saskatchewan** invites applications for a Tier 2 Canada Research Chair (CRC) in Photovoltaic Materials. We are seeking individuals who will provide vision and leadership in this area of materials research at the University of Saskatchewan. Qualified candidates are encouraged to apply by July 2, 2010, however applications will continue to be accepted until the position is filled. Please send a curriculum vitae, letter of introduction, contact information for three referees, and a research summary, in confidence, to:

Chair, Photovoltaic Materials CRC Search Sub-committee  
Department of Chemistry, University of Saskatchewan  
110 Science Place  
Saskatoon, SK S7N 5C9  
E-mail: [ronda.duke@usask.ca](mailto:ronda.duke@usask.ca) or phone: 306-966-4655

**Memorial University of Newfoundland**, Department of Chemistry, invites applications for a full-time, tenure-track appointment at the rank of Assistant Professor, effective on or after January 1, 2011, subject to budgetary approval. A Ph.D. in Chemistry is required, with post-doctoral experience in computational or theoretical chemistry. Interested candidates are asked to review the Chemistry Department home page at <http://www.chem.mun.ca> for further information. Deadline for receipt of applications is September 1, 2010. Applicants should send a curriculum vitae, a research proposal (NSERC Discovery Grant Format), and the names of at least three referees to:

Dr. Peter Pickup, Head  
Department of Chemistry, Memorial University of Newfoundland  
St. John's Newfoundland, Canada A1B 3X7  
Email: [chemhead@mun.ca](mailto:chemhead@mun.ca) or Fax: (709) 737-3702,

## EMPLOYMENT OPPORTUNITIES - *continued*

**Trent University** invites applications for a 9-month limited term appointment in the Department of Chemistry at the rank of Assistant Professor to start September 1, 2010. The position is subject to budgetary approval. A completed Ph.D. and appropriate teaching experience are required. The successful candidate will teach five half courses in areas including but not necessarily limited to: Spectroscopy, Transition Metal, Physical, and Quantum Chemistry. The deadline for receipt of applications is August 9, 2010. Applications, including a curriculum vitae, statement of teaching experience and philosophy, and the names, e-mail addresses, and phone numbers of three referees who would be willing to write on the candidate's behalf should be sent to:

Dr. David Ellis, Chair  
Department of Chemistry, Trent University  
1600 West Bank Dr.  
Peterborough, Ontario, K9J 7B8  
[davidellis@trentu.ca](mailto:davidellis@trentu.ca) or phone: 705-748-1011, ext. 7298

## OTHER OPPORTUNITIES

ARE YOU INTERESTED in being a possible mentor for Discover E at the University of Alberta? Discover E is run out of the Faculty of Engineering at the U of A and delivers various science, engineering and technology camps to campers in grades 1-12 throughout the summer. We look for mentors to come and speak to our campers on what type of work or research they do relating to science, engineering or technology. Mentors are really important to our program because they help get the kids excited for the many diverse opportunities that exist in science.

Would you be able to come and speak at any of our camps throughout the summer? We try to have one mentor per camp and have several camps a week. If you could come and share your expertise to help excite our campers about the opportunities that science can provide, it would be most appreciated. Any time you could provide would be wonderful. For more information, please contact:

Shenaigh Dumais  
Discover E Coordinator  
University of Alberta  
Email: [shenaigh@ualberta.ca](mailto:shenaigh@ualberta.ca)  
Phone: 780-935-4504