

Chemistry Newsletter

Office Hours for Chemistry General Office and Purchasing
Monday – Friday 8:15-12:00 and 1:00-4:15

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VISITING SPEAKERS

ICI Distinguished lecture series presents **Dr. Matthew Tirrell**, Professor and Dean, College of Engineering, University of California – Santa Barbara who will speak on “Beyond the molecular frontier: Challenges for chemistry and chemical engineering” on Thursday, January 20, at 3:30 p.m. in ETLC E1-007

ICI Distinguished lecture series presents **Dr. Matthew Tirrell**, Professor and Dean, College of Engineering, University of California – Santa Barbara who will speak on “Challenges in chemical processing by self-assembly” on Friday, January 21, at 1:00 p.m. in ETLC E1-003.

Dr. Phillip Jessop, Canadian catalysis lectureship award recipient, Department of Chemistry, Queen's University will speak on “The utility of carbon dioxide in homogeneous catalysis” on Thursday, January 20, at 10:00 a.m. in V-110.

Dr. Derek Muir, Senior Research Scientist and Project Chief, atmospheric contaminants impacts, aquatic ecosystem protection research branch, National water research Institute – Environment Canada will speak on “Is mercury increasing in Arctic Biota? A review of the evidence” on Friday, January 21 at 12:00 p.m. in BS M149

Dr. Derek Muir, Senior Research Scientist and Project Chief, atmospheric contaminants impacts, aquatic ecosystem protection research branch, National water research Institute – Environment Canada will speak on “Identifying new POPs: Challenges for environmental analytical chemists” on Friday, January 21, at 4:00 p.m. in V-106.

The lecture will be followed by a 'Meet the Speaker' social in the staff lounge (E4-43), starting at 5:00 p.m. Faculty, graduate students and postdocs interested in meeting Dr. Muir are invited.

Prof. Jeffrey Johnston, Department of Chemistry, Indiana University, Bloomington, Indiana, USA, will speak on “The development of new reactions and reagents for alkaloid total synthesis: The advent of chiral proton catalysis” on Monday, January 24, at 11:00 a.m. in V-107

Prof. Soledade Pedras, Department of Chemistry, University of Saskatchewan, Saskatoon, will speak as the WUESP Lecturer on “Plants and fungi: Chemical warfare or natural coexistence” on Monday, January 31, at 1:00 p.m. in V-124 Physics Wing.

Prof. Uwe Bunz, School of Chemistry and Biochemistry, Georgia Institute of Technology, will speak on “Synthesis and structuring of PPEs” on Monday, February 7, at 11:00 a.m. in V-107

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Thanh Luu will speak on "Recent Advances in the Study and Synthesis of Fulgide Switches" on Monday, January 17 at 11:00 a.m. in V-107.

Kubarat Saliu will speak on “Gadolinium (III) based contrast agents (CAs) in magnetic resonance imaging (MRI); recent advances” on Wednesday, January 19 at 11:00 a.m. in V-107.

NOTICES

"The Chemistry Graduate Students' Society (CGSS) would like to invite you to the first annual Chemistry Bowling and Billiards Night 2005 at Gateway Rec Center (3414 Gateway Blvd) on Saturday Jan 22. Compete in Neon 10-pin Bowling from 8-10pm followed by Billiards from 10-11pm! Round-trip bus transportation will be provided. Tickets will only be \$5 for grads and undergrads, and \$10 for professors, staff, and CIC members. Each attendee can purchase one ticket for a friend or significant other at \$15. Jason Anderson (dja@ualberta.ca, office E3-10) will be selling tickets until Jan 17, but as there is limited space, we encourage you to purchase your tickets well in advance! We hope to see many of you there!"

Photos from the Chemistry Girls' Luncheon and the Chemistry Social are available for viewing in the mailbox (E3-43). There is a list in the album for recording your reprint requests. The final date the album will be available for view will be January 21, 2005.

Volunteers needed: The Wisest (Women in Scholarship, engineering, science & Technology) Group needs volunteers for an annual event known as Choices: A conference for Grade Six students on February 23 and 24, 2005. Please contact the Project Coordinator (Preeti Nigam) at 492-7774 or visit their website at <http://www.wisest.ualberta.ca/>

Academic Women's Association, nominations due March 1, 2005.

More information is available at:

<http://www.ualberta.ca/~awa/awards.htm>

Graduate Students – Information regarding January 2005 Orientation for Graduate Teaching Assistants is available on the table by the mailbox.

Information booklets and registration forms on Teaching and Learning Effectiveness Sessions are available on the table by the mailboxes.

<http://www.registrar.ualberta.ca/ro.cfm?id=200>

T2202A (Tuition and Education Amount) Tax Forms

> The University of Alberta will no longer mail out T2202A tax forms to students. Instead, students now can access their T2202A forms for previous years in Bear Tracks and download them as PDFs. The 2004 tax information will be displayed on Bear Tracks in February 2005. For more information, visit Bear Tracks at <https://www.beartracks.ualberta.ca> or the following page of the Registrar's Office website:

The **Fourth International Dendrimer Symposium** will be held from May 18-21, 2005 on the campus of Central Michigan University in Mount Pleasant, Michigan. Call-for-papers deadline is January 15, 2005; poster deadline is February 15, 2005; registration deadline is March 1, 2005. This conference will showcase the most active and exciting fields of modern materials research - a field that combines the fundamental disciplines of chemistry, physics, biology and engineering with the rapidly developing fields of materials research in biotechnology, pharmaceuticals, optoelectronics, nanotechnology and others. The resulting scientific and commercial applications hold enormous potential. For more information visit <http://www.ids4.org>

Fisher World presents The largest lab & Safety show January 19, from 9:00 a.m. – 3:30 p.m. at the Telus Convention Centre, Calgary, AB. Transportation provided leaving from U of Alberta Central Receiving Parking lot at 7:00a.m. and 8:30 a.m. Calgary department time 3:30 p.m. Featuring latest techniques and products from over 100 suppliers. On-line registration at www.fishersci.ca or fax registration to 613-226-8639. Session (1) **10:00 a.m.** “Advances in western blotting – Margaret Dentinger, Pierce Biotechnology; Session (2) **11:00 a.m.** Ion Chromatography & Sample preparation innovations – Derrick W. Rowe, Metrohm-Peak, Inc.; Session (3) **1:00 p.m.** Spill control for research and laboratory environments – Patrick Smale, E.K. Gillin and Associates; Session (4) MicroArray bioinformatics sensitivity and specificity – Ross Ouellette, Operon Biotechnologies.

Achievements and Recognitions

Congratulations to Margaret-Ann Armour, winner of the 2005 Montreal Medal of the Chemical Institute of Canada. This medal was established by the Montreal Local Section of The Chemical Institute of Canada (CIC) in 1956, to be presented as a mark of distinction and honour to a resident of Canada who has shown significant leadership in or has made an outstanding contribution to the profession of chemistry or chemical engineering in Canada.

There are still some outstanding raffle prizes that have not been picked up.

TV – raffle ticket #0809671
\$50 Staples gift certificate – 0809924

Please check your tickets, if you still have them to pick up the prizes.

The Sandy Mactaggart Award is open to both undergraduate and graduate students who are interested in studying in the Orient for one year as part of their University of Alberta degree. The value of the award is up to \$25,000 and the application deadline is February 15, 2005. Application forms are available on the Student Award website at <http://www.registrar.ualberta.ca/awards>

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>

Ohio State University, Health Science Center invites applications for the position of a tenure-track/tenured faculty position in the Division of Medicinal Chemistry and Pharmacognosy, College of Pharmacy.

The Plant Biotechnology Institute, National Research Council of Canada, in Saskatoon, has two openings for a Visiting Postdoctoral Fellow: (1) A synthetic organic chemist; (2) A natural products chemist. For more information please see http://www.nserc.gc.ca/sf_e.asp?nav=vfnav&lbi=3d.

University of Ontario – Institute of Technology, invites applications for their newest University. For more information please see <http://www.science.uoit.ca>

Université Laval invites applications for a tenure-track faculty position in Materials Chemistry at the Assistant, associate or full professor level according to experience.

Aims Fine Chemical has three industrial postdoctoral opportunities. The deadline for application is January 15, 2005. Please visit their website for more information about the company. <http://www.aimsfc.com>. Contact information is: Dr. Inder Singh (Director of Research); 6312-60 St., Edmonton, AB; T6B 2N7

Polytechnic University is currently searching for an tenure track faculty position in the area of Chemical Biology at the Assistant or Associate Professor Level. Please see website at <http://chem.poly.edu/gross/> for further information.

Biotica is looking for new recruits with positions to fill on natural products chemistry, synthetic organic chemistry, microbiology and fermentation. Further information is available on their website http://search.netscape.com/ns/boomframe.jsp?query=tracy+jennings+biotica&page=1&offset=0&result_url=redir%3Fsrc%3Dwebsearch%26requestId%3Ddce9afab9ab2de9b%26clickedItemRank%3D1%26userQuery%3Dtracy%2Bjennings%2Bbiotica%26clickedItemURN%3Dhttp%253A%252F%252Fwww.biotica.co.uk%252Fchemistry.htm%26invocationType%3D%26fromPage%3DnsBrowserRoll%26amp%3BampTest%3D1&remove_url=http%3A%2F%2Fwww.biotica.co.uk%2Fchemistry.htm

University of Alberta, Department of chemistry, Faculty of Science requires a Faculty Services Officer. The Department of Chemistry invites applications for a Faculty Services Office position – the *Assistant Chair (Student Services)*. This position is expected to be a focal point and leader for teaching and/or research support in the department. The position will have primary responsibility for maintaining and enforcing university and Faculty policy on academic standards in the Chemistry program; provide career and course advice to students in Chemistry and establish a research program in an area that complements and supports the teaching or research missions of the department.

<http://www.careers.ualberta.ca/Opportunities/index.aspx?Page=47&CompNo=519>

University of Alberta, Augustana Faculty invites applications for a tenure-track position in Chemistry at the rank of Assistant Professor. www.augustana.ca for more information.

Outreach Activities can be accessed at: www.ualberta.ca/Outreach/whats%20new.htm#science