

CHEMISTRY NEWSLETTER

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

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VISITING SPEAKERS

University of Alberta, Department of Chemistry, Alberta Ingenuity Centre for Carbohydrate Science presents **Dr. Thomas Peters**, University of Lubeck, Germany, Department of Chemistry who will speak on “NMR experiments to detect and characterize binding of ligands to receptor proteins” on Monday, June 14, 2004 at 11:00 a.m. in V-107.

Department of Chemistry, University of Alberta Analytical division and NINT presents **Dr. Christopher Yip**, Canada Research Chair in Molecular Imaging, Department of Chemical Engineering and Applied Chemistry, Department of Biochemistry, Institute of Biomaterials and Biomedical Engineering, University of Toronto will speak on “Biophysical applications of scanning probe microscopy: Challenges and insights” on Wednesday, June 16, 2004 at 11:00 a.m. in V1-10.

Prof. Thomas Webster, Dept. of Biomedical Engineering and School of Materials Engineering, Purdue University, will speak on “Nano-biotechnology: The design of better implants through the use of nanophase materials” on Monday, June 28 at 11:00 a.m. in V-107.

NOTICES

Attention Chemistry Graduate Students: Please note that the deadline for submitting the first Annual Progress Report (for the year 2003 - 2004) has been extended to **July 1, 2004!**

ATTENTION GRAD STUDENTS - A Free Lunch on the Grass! Come one, come all to the next GSA BBQ! The new VPSS is pleased to be holding the first of his many student events. It's on **June 10 held from 12:00pm to 2:00pm** on the little patch of grass between Rutherford and the GSA office (suggestions for names for this area?). There will be meaty hot dogs and burgers as well as non-meaty hot dogs and burgers and beverages will also be available and as always, all will be free of cost to you!



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>

The Department of Chemistry, University of Alberta, invites applications for positions as sessional instructors to teach Introductory University chemistry (Chem 10X) for the academic year 2004-2005. An M.Sc. or Ph.D. degree is required. Please see posting at the following website.

<http://www.careers.ualberta.ca/Opportunities/index.aspx?Page=47&CompNo=380>

Mount Allison University, NSERC USF tenure track position effective July 1, 2005, assistant professor in Chemistry. E-mail ufa@mta.ca

Augustana University College, invites applications for a sessional teaching position in Chemistry for the fall term 1 September 2004 through 31 December 2004. deansoffice@augustana.ca

Advanced Integrated MicroSystems Ltd. (AIMS) is seeking applicants for the positions of Applications Development Scientist (Separation Science) and Research Associate Scientist. Positions require a B.Sc. to Ph.D level degree in analytical chemistry, biochemistry or a related discipline, with relevant academic or industry (preferred) experience in the areas of microfluidics, solid phase extraction, LC/MS, or capillary electrophoresis. Contact rwilliston@aims-bio.com

National Research of Canada, requires three postdoctoral fellowship candidates to be hired under the “NSERC Visiting Fellows in Canadian Government Laboratories program. (1) PLEDS; (2) NLO; (3) Photovoltaics E-mail: mike.day@nrc.ca

University of Tennessee, has a non-tenure track position in Analytical and general chemistry. Department information 222.chem.utk.edu. E-mail fshell@utk.edu

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

The Research Services Office is hosting two workshops about NSERC programs.

1. How to access NSERC's Idea to Innovation Program ... and details on the CRD, IRC and Research Network programs

Learn about NSERC's Idea to Innovation (I2I) program and how it can help researchers and inventors accelerate the development of promising technology through the early stages of validation and market connection.

For more information, visit

http://www.rso.ualberta.ca/details.cfm?ID_event=1431

To register, visit <http://www.rso.ualberta.ca/registration.cfm>.

...more interesting tidbits and workshops and seminars on next page...

University of Ottawa National Undergraduate Chemistry Conference October 1 & 2, 2004. Registration and abstract submission deadline: August 15th, 2004. Travel award application deadline: July 15, 2004

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University of Alberta Department of Chemistry Achievements and Recognitions

Congratulations to Enrico Fok for being awarded one of 5 inorganic Chemistry book awards for the best Graduate Student Inorganic poster presentation at the CSC conference in London, On. Enrico's work focuses on the Synthesis and Surface functionalization of Germanium Quantum Dots.

JOKES OF THE DAY

This is one for all you feminists out there...(Fe)male...male with iron added, for greater strength, ductility, and magnetisim.

What did the MS say to the GC?
MS - mass spectrophotometer
GC - gas chromatograph
Breaking up is hard to do.

The application deadline is quickly approaching for the Genomics and Proteomics workshops in the highly acclaimed Canadian Bioinformatics Workshop series, and you are encouraged to spread the word to friends, students and colleagues who may be interested. Applications can be made for the following workshop at: www.bioinformatics.ca

Proteomics

Dates: July 19 - 24, 2004

Location: Calgary, AB

Registration Fee: \$1,600 CAD

Application Deadline: May 22nd 2004

Proteomics Workshop Participants will gain practical experience and skills to:

- * visualize protein structures and make high quality images for publication
- * understand techniques used in high throughput proteomics
- * understand data resulting from proteomics
- * use public domain tools for modeling three-dimensional structures
- * understand concepts and methods involved in threading analyses.

Genomics

Dates: August 16 - 21, 2004

Location: Vancouver, BC

Registration Fee: \$1,600 CAD

Application Deadline: June 19th 2004

Genomics Workshop Participants will gain the practical skills and understanding to:

- * Install and use in-house information reference systems.
- * Access EnsEMBL using Perl API
- * Understand microarray data for gene expression.
- * Analyze Single Nucleotide Polymorphism (SNP) and genotype data.
- * Detect and analyze gene structures from eukaryotic genomes

The curriculum has been designed so that graduates from both life sciences and computational sciences can work together through the material to complete a variety of graded and ungraded assignments. Graded assignments may count towards a Certificate in Bioinformatics, accredited by the universities of British Columbia, New Brunswick and Toronto.

Through the generosity of the Canadian Bacterial Diseases Network, nine bursaries of \$1000 each are available to Canadian graduate students and post-docs attending this workshop; additional bursaries are designated specifically for CBDN and MITACS members. For further information and to apply, visit www.bioinformatics.ca/bursaries.php

<<<http://www.bioinformatics.ca/bursaries.php>>>.

For further information contact Saara Romu (sromu@cgdn.ca <<<mailto:sromu@cgdn.ca>>>).

Saara Romu