

Chemistry Newsletter

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

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VISITING SPEAKERS

Dr. Karl Christe, Department of Chemistry, University of Southern California and US Air Force Research Laboratory's Edwards Research Site will speak on "Polynitrogen chemistry" on Friday, October 1, 2004 at 2:00 p.m. in E3-25.

Dr. Lothar Elling, University of Aachen, Germany, will speak on "From genes to glycoconjugates" on October 1, 2004 at 11:00 a.m. in Dentistry/Pharmacy 6069 (6th flr.)

Dr. Paul Pregosin, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland, will speak on "PGSE (Diffusion) and ¹H, ¹⁹F HOESY NMR Studies on homogeneous catalysts: Ion pairing and learning about anions" on Monday, October 4, 2004 at 11:00 a.m. in V-107.

Dr. Gary Christian, Department of Chemistry, University of Washington will speak on "Presentation to graduate students on scientific writing (or how not to write a paper: trials and tribulations of an editor)" on Friday, October 15/04 at 12:00 p.m. in E3-25.

Dr. Gary Christian, Department of Chemistry, University of Washington will speak on "A brief history of analytical chemistry: From the beginnings to modern analytical science. On Friday, October 15, 2004 at 4:00 p.m. in V-106.

Dr. Shijie Wu, Molecular Imaging, Tempe, Arizona, will speak on "SPM for nanoscience and nanotechnology" on Thursday, September 30, 2004 at 11:00 a.m. in E3-25.

NOTICES

Newsletter editor away until October 19

If you have any news items, notices, employment items Lin Ferguson will be doing the newsletter until my return.

Lin.ferguson@ualberta.ca. Any room booking reservations will be done by Ilona.

45th Sanibel Symposium - Forefront theory and computation in quantum chemistry, condensed matter and chemical physics, nanoscience, quantum biochemistry and biophysics. **March 5 - 11, 2005**, King and Prince Beach & Golf Resort, St. Simons Island, Georgia, USA. Please register via the web: <http://www.qtp.ufl.edu/sanibel.html> where you will find all symposium organization details.

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The next cumulative examination will be held on **Saturday, October 2, 2004 at 11:00 a.m. in Room E5-36.**

Attention Graduate Students: Ramsay Memorial PDF Fellowship 2005-2007. Information about the fellowship, details of eligibility criteria and other conditions are available from Lin Ferguson (Chem E3-38). The deadline for completed applications to the Ramsay Trustees and Advisory Council (London, UK) is: November 15, 2004.

University Open House, Saturday October 2, 9:00 to 4:00. Would you like to do experiments and talk with students at the Chemistry Department display?

The Chemistry Department display for high school students visiting the University during Open House will be at Booth 17 in the Universiade Pavilion (Butterdome) on Saturday October 2, between 9.00 am and 4.00 pm. We need people who would be willing to share their enthusiasm for chemistry with the students, hand out information and do experiments during that day. All the materials will be at the booth and there will be instructions for the experiments. There will be a brief information session at 5.00 pm on Wednesday, September 29 in W3-35. Please sign up on the sheet at Jeannette's desk in the General Office, E3-44. If you would like more information, talk with Margaret-Ann Armour in W3-35.

GRADUATE STUDENTS - University Teaching Services is offering a number of "Teaching and Learning Effectiveness Sessions" this fall. Information and registration forms are on the table by the mailboxes.

The 52nd Annual Western Spectroscopy Association Conference will be held January 26-28, 2005 at the Asilomar Conference Centre, Pacific Grove, California. For information on this conference see Lin Ferguson.

Dear Chemistry Graduate Student:

Are you interested in being a tutor for students in chemistry undergraduate courses? We presently have a number of requests from undergraduate students for tutors. The student pays you on an hourly basis. The average rate charged is \$15 per hour. You may not tutor a student in a course for which you are a teaching assistant. If you would like more information please talk with Margaret-Ann Armour in W3-35 or send her an E-mail at margaret-ann.armour@ualberta.ca with your questions. If you are interested, please give your name, phone number and E-mail address and the courses you would be prepared to tutor or the areas such as general, inorganic, or organic chemistry to Lin Ferguson in the Chair's Office, E3-38. We particularly need people to tutor in the Analytical Division.

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>

NMR News 2004-04 has been posted on the web at nmr.chem.ualberta.ca. Reading it is highly recommended to all NMR users. Contents:

- keys to NMR laboratories
- i400: shutdown for probe repair
- FAQ 2004-04.1: sample concentration and experimental time
- m400: update

Department of Chemistry Photo Contest: Anyone affiliated with the Chemistry Department can enter. Entries close: November 30, 2004. The photos will be displayed at the annual Department Mixer and prizes will be presented at that time. Format is any 8" x 10" B&W or color print. To enter, fill in the entry form found on the department's website (www.chem.ualberta.ca/imaging/) and mail to Imaging Contest, Department of Chemistry. 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.

Employment Opportunities

Northern Illinois University, Assistant Organic Professor, Department of Chemistry and Biochemistry

Northern Illinois University, Assistant (Interface of Chemistry and Biology) Professor, Department of Chemistry and Biochemistry

Simon Fraser University, Department of molecular biology and biochemistry invites applications for a tenure track position at the assistant professor level in any facet of bioinformatics <http://www.sfu.ca/mbb/>

Temple University, Department of Chemistry has an organic chemistry faculty position available <http://www.chem.temple.edu>

Temple University, Department of Chemistry has a biochemistry/chemical biology faculty position available

Employment opportunities cont...

QSV Biologics Ltd., has the following positions open (Director of operations, Manager QA, Manager analytical methods development, project manager, manager regional sales, protein purification specialist, molecular biologist, validation engineer)

University of Minnesota Duluth, invites applications for a tenure-track faculty position at the assistant or associate professor level in the Department of Chemistry.

Texas Tech University, has a tenure track faculty position available in organic chemistry for the Department of Chemistry and Biochemistry at the Assistant or Associate Professor level.

Texas Tech University, has a tenure track faculty position available in analytical chemistry for the Department of Chemistry and Biochemistry at the Assistant or Associate Professor level.

Brandeis University, Department of Chemistry is seeking a qualified individual to fill a tenure-track faculty position in biophysical chemistry with research emphasis on biological mass spectrometry.

Old Dominion University, Norfolk, VA, Department of Chemistry and Biochemistry has a faculty position available in biochemistry

Université du Québec à Montréal, Department of Chemistry and biochemistry is seeking candidates for a tenure-track position in any field of inorganic chemistry www.er.uqam.ca/nobel/dep_chim/dep_chim.htm

California State University (Fresno), invites applications for a tenure track position in physical chemistry at the assistant professor level. www.csufresno.edu/Chemistry/search.

University of Toronto, Centre for cellular and biomedical Research and the McLaughlin Centre for Molecular Medicine invites applications for a junior position in Bioanalytical Chemistry. <http://ccbr.med.utoronto.ca>

Dalhousie University, Department of Mining and Metallurgical Engineering invites applications for a probationary tenure-track position at the assistant Professor level starting April 2005.

Dalhousie University invites applications for a full-time probationary tenure track position at the assistant professor level in Material Chemistry at the Department of Chemistry.

University of Ontario, Institute of technology, Faculty of Science (Chemistry) – competition number UOIT04-37 has tenure stream positions available.

University of Montana, has a tenure-track position available in Biomolecular NMR in the Department of Chemistry at the level of assistant professor.

Southern Illinois University of Carbondale, The Department of chemistry and Biochemistry at SIUC is seeking to hire a tenure track assistant professor though more experienced candidates will be considered for Associate Professor.

Prep101 – a tutoring service that helps undergraduate students prepare for tests and exams - seeks highly qualified instructors in **Biology**: Intro Biology, **Chemistry**: Physical Chemistry, Organic Chemistry, **Economics**: Microeconomics, Macroeconomics, **Mathematics**: Calculus. Visit our website at: www.prep101.com

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