


Chemistry Notices

For the Week of December 13 to December 17, 2010

VISITING SPEAKERS & SEMINARS

 **UNIVERSITY OF ALBERTA**

Division of Analytical & Environmental Toxicology
Department of Laboratory Medicine & Pathology
Faculty of Medicine & Dentistry

Visiting Speaker Seminar
*presented by the Division of Analytical & Environmental Toxicology,
University of Alberta and the Alberta Water Research Institute*

Dr. Jerald Schnoor
Allen S. Henry Chair Professor in Engineering, Department of Civil and Environmental
Engineering; Co-Director, Center for Global and Regional Environmental Research,
University of Iowa
Editor-in-Chief, *Environmental Science and Technology* (American Chemical Society)
Member of the Academy of Engineering (USA)

***Sustainability and Grand
Challenges***

Tuesday, December 14, 2010
9:00 am
2-117 Clinical Sciences Building

This seminar is sponsored by the Alberta Water Research Institute.

EMPLOYMENT OPPORTUNITIES

Alberta Sulphur Research Ltd., located within the Department of Chemistry at the University of Calgary, is seeking a physical chemist to join its team of applied chemists. The appointment will be made at the Research Scientist and/or Project Management position, depending on the experience of the candidate. Candidates must hold a doctorate in chemistry (physical) and, preferably, have knowledge and experience within high pressure chemistry and phase behaviour. In special cases, if the candidate holds an MSc or BSc and has exceptional experience, they will be considered. Interests

EMPLOYMENT OPPORTUNITIES, *continued*

and experience in sour gas process chemistry, sulfur chemistry, surface chemistry and high pressure physical property measurement will be an asset. The appointee will have the opportunity to teach within the Department of Chemistry at the University of Calgary.

Qualified candidates should submit their résumés in pdf format, transcripts/courses completed and contact information for three referees before January 31st, 2011. If a suitable candidate has not been found at that time, consideration of applications will continue. *Note that the appointment is with ASRL and does not fall within the domain of regular appointments to The University of Calgary.

The Centre for Probe Development and Commercialization (CPDC) is seeking applicants for 2 positions:

- (1) an outstanding postdoctoral fellow to address key analytical R&D projects in the Probe Development & Production Division. This is a unique opportunity to learn cutting edge research and development skills in a rapidly expanding field. The successful applicant would be responsible for analytical method development and validation to support internal and external probe development projects and clinical trials. He/she would be responsible for internal R&D projects which may include assay development for screening as well as generation of standard test methods and method validation documentation in accordance with cGMP. As well, he/she would be responsible for radiopharmaceutical drug candidates, rapid analysis techniques, and integrated analytical systems for radiopharmaceuticals. Applicants must have a Ph.D. in Chemistry or Biochemistry and 0 to 2 years of relevant experience.
- (2) an outstanding postdoctoral fellow or research associate with experience in synthetic and/or radiochemistry to support R&D projects in the Probe Development & Research Division. This is a unique opportunity to learn cutting edge research and development skills in a rapidly expanding field. The successful candidate will be responsible for leading discovery efforts of novel molecular imaging probes for either positron emission tomography (PET) or single photon emission computed tomography (SPECT). The projects include the synthesis, development and radiolabelling of small molecules, peptides and other biologics and will employ the latest in automated discovery and labelling methods including microfluidic and microwave based methods. Applicants must have a Ph.D. in Chemistry or Biochemistry and 0 to 2 years of relevant doctoral or post-doctoral experience or an MSc. with 5 years of relevant experience in PET or SPECT chemistry. For either position: please submit a cover letter, resume or curriculum vitae and the names of two references to:

Ms. Kathryn Blais, Associate Director of Administration Centre
for Probe Development and Commercialization
1280 Main Street West, Burke Science Building, BSB-B231
Hamilton, ON L8S 4K1
Email: careers@imagingprobes.ca

The University of Alberta invites applications for a full-time NMR Spectroscopist in its Department of Chemistry. The Department of Chemistry is a large, complex, teaching and research department with 35 academic staff, each with their own research group, and a compliment of academic, non-

EMPLOYMENT OPPORTUNITIES, *continued*

academic, postdoctoral, and graduate student components totalling over 400 persons. Part of a team of specialists, this position will provide NMR support to researchers within the Department. Applicants must have a Bachelor of Science (B.Sc.) Degree in Chemistry and a minimum of 5 years experience in NMR. Knowledge of electronics and Unix-based operating systems and programming would be assets. The closing date is December 10, 2010. More information can be found on the University of Alberta web site at <http://www.careers.ualberta.ca/Competition/S104913120>.

Afexa has 2 new positions in R&D, a Process Scientist (Organic Chemistry PhD) and a lab technician (not yet posted on <http://afexa.com/corporate/careers.htm>). The Process Scientist will work in the corporate office located in Edmonton and be responsible for development of lab process for isolation/purification of active ingredients from natural sources, conduct scale up, and transfer to commercial production. In addition, the incumbent will also be responsible for technical support for commercial production and review of production record. Education/experience required: Completion of a Ph.D in Chemistry, Chemical Engineering, or related field with a minimum of 3 to 5 years of relevant experience would be considered an asset. Also required is a strong background and working experience in organic chemistry and natural product chemistry. Extensive knowledge about process development, scale up, and validation are among other requirements. If you are interested in this position, please send your cover letter and resume to: career@afexa.com.