

Chemistry Notices

For the Week of September 26 to 30, 2011

VISITING SPEAKERS & SEMINARS

Department of Chemistry, University of Alberta

The Reuben Benjamin Sandin Lecture Series

2011 Invited Lecturer



Vern L. Schramm

Professor and Ruth Merns Chair of Biochemistry
Albert Einstein College of Medicine
Yeshiva University, New York, NY

You are cordially invited to attend the Reuben Benjamin Sandin Lecture Series sponsored by the Department of Chemistry of the University of Alberta.

Lecture 1. "Drug Design from Transition State Analysis"
Monday, 26 September 2011, 11:00 a.m.
Locale: CCIS L1-140

Lecture 2. "Dynamics and Thermodynamics of Inhibitors and Catalysis"
Tuesday, 27 September 2011, 4:00 p.m.
Locale: CCIS L1-140 (REVISED - this is new locale as of 31 Aug 2011)

This is an annual series which commemorates more than forty years of outstanding service rendered to the University by the late Professor Reuben Sandin as a dedicated scholar and inspiring teacher of Organic Chemistry

TLL/df (to schedule a meeting please contact Lynne ext: 248-1506)

Xiaojiang Zhang

Ph.D Seminar

will speak on

"Patterning of Nanostructures by Block Copolymer Self-Assembly"

Wednesday, September 28, 2011
1:00 p.m. in Room E3-25

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALBERTA

Organic Division Visiting Speaker



Dr. Joanne Blanchfield

School of Chemistry and
Molecular Biosciences
University of Queensland
Brisbane, Australia

will speak on

"Rigid antigen presenting scaffolds in synthetic vaccines"

DATE: Thursday, 29 September 2011
TIME: 1:00 p.m.
PLACE: CAB 265 (Central Academic Building)

TLL/df (E5-33G: 780 248 1506)

Parnian Lak

502 Seminar

will speak on

"Recent Advances in the Application of Peptoids to Target Angiogenesis"

Wednesday, September 28, 2011
11:00 a.m. in L1-140 CCIS

VISITING SPEAKERS & SEMINARS, *continued*



Professor Peter McBreen
Department of Chemistry, University of Laval

Will speak on

“Chirality Transfer Preorganization on a Catalyst Surface”

Date: Tuesday Sept 27th 2011
Time: 11:00 am
Place: NINT, Taylor Seminar Room

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Chirality Transfer Preorganization on a Catalyst Surface

EMPLOYMENT OPPORTUNITIES

The Chemistry Department at Wichita State University invites applicants for **two tenure-eligible positions** at the assistant professor level. The first position is in **physical chemistry**. Applicants in all areas of physical chemistry will be considered, but preference will be given to computational chemists. The second position is in **analytical chemistry**; the area of research for this position is open, but preference will be given to candidates using mass spectrometry as a tool in their research. Successful candidates for both positions are expected to teach undergraduate and graduate courses in their respective areas, establish a vigorous externally funded research program and demonstrate a commitment to excellence in teaching and directing research involving undergraduate, masters, and doctoral level students. Successful candidates will have the opportunity to interact and collaborate with university-wide initiatives in bioengineering, aerospace engineering, and climate change and renewable energy. A PhD or equivalent degree in chemistry or related field, postdoctoral experience, a strong record of scholarly achievement and experience in working with diverse populations are required. A generous package of start-up funds, state of the art research facilities, and competitive salary are available. Review of applications will begin October 15, 2011 and will be continued until the position is filled. The following application materials should be submitted to the appropriate position (physical or analytical) online at <https://jobs.wichita.edu>: letter of application, curriculum vitae including a list of publications, and statement of teaching philosophy. In addition a description of research plans with estimated start-up costs and letters of recommendation from 3 individuals familiar with the applicant's professional accomplishments and qualifications should be sent to **Search Committee, Department of Chemistry, Wichita State University, Wichita, KS 67260-0051**, or e-mailed to chemistry@wichita.edu. Additional information on these positions, along with a full list of required and preferred qualifications is available at www.wichita.edu/chemistry. Offers of employment are contingent upon completion of a satisfactory criminal background check as required by Kansas Board of Regents policy. *Wichita State University is an affirmative action/equal opportunity employer dedicated to creating a diverse community. Individuals from underrepresented groups are encouraged to apply.*

EMPLOYMENT OPPORTUNITIES, *continued*



UNIVERSITY OF BRITISH COLUMBIA

DEPARTMENT OF CHEMISTRY

CANADA RESEARCH CHAIR TIER II

CHEMICAL SENSING

The Department of Chemistry at the University of British Columbia (www.chem.ubc.ca) invites applications for a Tier II Canada Research Chair position in the field of Chemical Sensing. The focus of the chair will be to advance the science of chemical measurements through the development and application of new analytical methodologies in order to characterize and better understand complex, dynamic chemical systems such as those found in single cells or in natural ecosystems.

The position requires a Ph.D. degree, postdoctoral experience and an exceptional research track record. The successful candidate will develop and maintain a dynamic research program that fosters new opportunities for the development of new translational analytical platforms. As a faculty member in the Department of Chemistry the successful applicant will be expected to effectively supervise graduate students, collaborate with other faculty members, obtain external funding, effectively teach undergraduate and graduate Chemistry courses and actively participate in departmental activities.

The successful candidate will be eligible to hold an appointment at the tenure-track Assistant Professor level but a higher rank may be considered for applicants with exceptional qualifications and experience. The anticipated start date is July 1, 2012.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. UBC is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas. However, Canadians and permanent residents of Canada will be given priority.

Canada Research Chairs are open to individuals of any nationality; offers will be made in accordance with the Canadian Research Chair program. Information about the Canada Research Chair program can be found at <http://www.chairs-chaires.gc.ca/>

Applicants should send curriculum vitae, a list of publications, a summary of research interests, a detailed research proposal, a statement of teaching philosophy and experience and arrange to have three reference letters sent directly to:

Chair, CRC Tier II Search Committee

2011crcsearch@chem.ubc.ca

Deadline for complete applications is **NOVEMBER 15TH, 2011**

EMPLOYMENT OPPORTUNITIES, *continued*

We are looking for an organic chemist with experience in the isolation and characterization of natural products preferably from filamentous fungi to contribute to studies of compounds from foliar endophytes of conifers. These fungi contribute to the tolerance of species such as white spruce and white pine to resistance to insect pests and needle diseases. This is part of a large, multiyear project investigating the role of these important fungi in the Acadian forest. For examples of some of the work this involves see (J Chemical Ecology 34:362; J Natural Products 71:1393; Nat Prod Commun 4:1497; Phytochemistry 71:760; Phytochemistry 72:1833).

This is available immediately.

Please contact J. David Miller, Department of Chemistry, Carleton University.

david_miller@carleton.ca

The Department of Chemistry, University of Toronto, invites applications for two full-time teaching stream positions at the rank of **Lecturer**, effective on or shortly after July 1, 2012. Applicants should possess a Ph.D. in chemistry.

Candidates will have a strong background in organic and/or environmental chemistry and will be expected to teach introductory and higher level courses and labs at the undergraduate level. Evidence of excellence in teaching is necessary. The successful candidate will be expected to be active in undergraduate research and perform related professional and administrative activities within the department. Salary will be commensurate with qualifications and experience.

Appointments at the rank of Lecturer may be renewed annually to a maximum of five years. In the fifth year of service, Lecturers shall be reviewed and a recommendation made with respect to promotion to the rank of Senior Lecturer.

Please submit your application online, <https://utoronto.taleo.net/careersection/10050/moresearch.ftl?lang=en> and refer to Requisition ID 1100804. Applicants should submit a teaching dossier, in a single pdf file (<2Mb), comprising a curriculum vitae, evidence of teaching practice, and a 3 page statement of career goals, teaching philosophy and undergraduate research plan.

Applicants should also arrange for signed letters from three referees, familiar with the candidate's teaching and academic background, to be sent to receptn@chem.utoronto.ca. The deadline for applications is September 30, 2011.

For more information about the Department of Chemistry and our courses, please visit our website, www.chem.utoronto.ca.

OTHER OPPORTUNITIES



Are you a graduate or senior undergraduate student
at the University of Alberta?

Are you interested in polar research?

Apply today to the **Canadian Circumpolar Institute** for research funding!

CCI administers TWO funding programs which provide 'seed' funding aimed at offsetting the high cost of conducting research in Canada's North and throughout the polar regions (including Antarctica).

Circumpolar/ Boreal Alberta Research (C/BAR) Grants

Value: Variable, up to \$5,000 (an average award is \$2,500)

Eligibility: Research in ANY subject area, provided the geographic area of focus is the circumpolar north (any area of the world north of the southern limit of the boreal forest), and Antarctica. Awards are for one-year; a maximum of 3 one-year grants may be received for any one project and/or degree program.

Northern Scientific Training Program (NSTP) Grants

Value: Variable, up to \$3,500 (an average award is \$2,500)

Eligibility: Research in ANY subject area, provided the geographic area of focus is north of the southern limit of the discontinuous permafrost zone, with the addition of all of the Southern Yukon in the West; that section of Labrador south to and including Red Bay; and the other seven Arctic countries (Finland, Greenland (Denmark), Iceland, Norway, Russia, Sweden and the U.S.A. - Alaska).

Open **ONLY** to Canadian Citizens or Permanent Residents registered with a program leading to a northern specialization.

Post-doctoral studies are **not supported**.

The combined value of C/BAR and NSTP award will not exceed \$5,000

Application: Terms of reference and application forms for **both grants** are available from the Canadian Circumpolar Institute (CCI) website:
<http://www.uofaweb.ualberta.ca/CCI/nav01.cfm?nav01=92005>

CCI Deadline: 20 October 2011

Departmental Deadline: Refer to your Department/Faculty deadlines

OTHER OPPORTUNITIES, *continued*



The Canadian Science Policy Conference (CSPC) is a national forum for science, technology and innovation policy discourse. It provides a unique opportunity to share ideas on how best to create an innovative Canada for all Canadians.

Under the motto "Building Bridges for the Future of Science Policy", CSPC 2011 is organized around issues of enduring and immediate concern to Canadian scientists, industry, government, and policy-makers. This year's meeting will have a special focus on Chemistry

The 3rd annual CSPC meeting will be held in Ottawa from November 16-18, 2011 and registration is now open. CSPC 2011 will be another milestone in Canadian science policy. By bringing together more than 500 high-profile scientists, executives, industry leaders, government officials, and academics, CSPC will provide a unique opportunity for networking amongst Canada's diverse science policy stakeholders. Register now: www.cspc2011.ca

To learn more about science policy in Canada visit our website: <http://sciencepolicy.ca>