


Chemistry Notices

For the Week of November 28 to December 2, 2011

VISITING SPEAKERS & SEMINARS

Department of Chemistry / University of Alberta
ORGANIC DIVISION VISITING SPEAKER

Professor Jean Gariépy
University of Toronto



will speak on


**“Design and Discovery of
New Biotherapeutics”**

Date : **Monday, 28 November 2011**
Time : **11:00 a.m.**
Place : **CCIS L1 140**

HF/dd

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALBERTA

Analytical Division Visiting Speaker



Janusz Pawliszyn

Professor of Chemistry
University of Waterloo, Waterloo, Ontario

will speak on

**“BIOANALYTICAL APPLICATIONS
OF SOLID-PHASE
MICROEXTRACTION”**

DATE: **Friday, 02 December 2011**
TIME: **4:00 p.m.**
PLACE: **E3-25 - Gunning/Lemieux Chemistry Centre**

Refreshments will be served.

Please turn over for Abstract

MS/All (ext. 9756)

Brandon Johnston
502 Seminar

will speak on

**“Designing Electrochemical Interfaces
with Functionalized Magnetic
Nanoparticles and Wrapped Carbon
Nanotubes as Platforms for the
Construction of High-Performance
Bionzyme Biosensors”**

**Wednesday, November 30, 2011
11:00 a.m. in CCIS L1-140**

EMPLOYMENT OPPORTUNITIES

The Department of Chemistry, University of Toronto, is seeking a Research Associate (Limited Term) to join Professor Andrei Yudin's group. The successful candidate is expected to have extensive experience in cyclic peptide synthesis and characterization. The candidate must be well familiar with advanced NMR techniques aimed at elucidating three dimensional structure of complex cyclic peptide molecules. In addition, the candidate is expected to have extensive training in molecular modeling using Schrodinger software.

Please send your Curriculum Vitae to Professor Robert Morris, Chair by November 25, 2011 to chair@chem.utoronto.ca.

Tenure Track Assistant Professor of Chemistry at IU Northwest

Tenure Track Assistant Professor of Chemistry at IU Northwest, August 2012. A PhD in Chemistry plus experience in teaching and ability to develop a strong and visible research program is required. The specific sub-discipline is open but the successful candidate will be responsible for teaching advanced inorganic chemistry and inorganic lab. The department is certified by the American Chemical Society. IUN, located in the greater Chicago area, is one of eight campuses of Indiana University. The campus has a population of 6,000 students and offers Baccalaureate and Master degrees in a variety of academic disciplines. Deadline for full consideration is January 6, 2012 but applications will be accepted until the position is filled. Send a cover letter, cv, research and teaching statement as well as have three reference letters forwarded to N. De Leon, Chair, Search Committee, Department of Chemistry/Physics/Astronomy, Indiana University Northwest, 3400 Broadway, Gary, Indiana 46408 (email: cpachair@iun.edu). Indiana University Northwest is an EEO/AA employer and institution.

EMPLOYMENT OPPORTUNITIES, *continued*



Acadia University is recognized as one of Canada's premier undergraduate institutions. Academic innovation and a technology-rich teaching and learning environment have garnered the university a reputation for excellence. Our progressive workplace is located only one hour from Halifax in Nova Scotia's beautiful Annapolis Valley - a small-town setting offering an affordable lifestyle, outstanding recreational opportunities, internationally-acclaimed restaurants, a healthy economy, and the best weather in the Atlantic Provinces.

**Faculty of Pure and Applied Science
Chemistry Department via Open Acadia
ONLINE COURSE DEVELOPMENT OPPORTUNITY**

Competition #CHEM 08-307-11

Course Title CHEM 2513 – Organic Chemistry
Contract Term To Be Decided
Basic Stipend \$2,500 for online course development

Course Description

An introduction to organic chemistry covering structure, nomenclature and reactions of the main classes of organic compounds. This will be a blended course. There will be an onsite face-to-face 3h lab.
Prereq: CHEM 1023 or 1123 with C- or better.

Note: The appointee is offered the first right of refusal to teach this online course once development is complete and approved. In the event the appointee elects not to teach, there will be a competition for the position.

Qualifications

The successful applicant must have a Master's degree in Organic Chemistry, although a PhD is preferred. Experience in on-line course development/delivery is preferred.

Submissions should include a letter of application and curriculum vitae. Applications should be sent via any of the following to:

Kelli Mahoney, Human Resources Department
Post: Acadia University, Wolfville NS B4P 2R6 Fax: 902-585-1075 E-mail: kelli.mahoney@acadiau.ca

Competition closes November 28, 2011.

The University invites applications from all qualified individuals; however, Canadians and permanent residents will be given priority. Acadia University is committed to employment equity and values a diverse and inclusive workplace. We therefore invite applications from Aboriginal peoples, African Nova Scotians, persons with disabilities, visible minorities, and women, as well as persons of any sexual orientation or gender identity. Consistent with the principles of employment equity, the primary criterion for appointment to a position is academic and professional excellence. Candidates who are a member of one of the aforementioned groups, and who wish to have the application considered as such, should complete the [Employment Equity Voluntary Self-Identification Form](#) as part of their application package.

EMPLOYMENT OPPORTUNITIES, *continued*



Job Description

Posted November 17, 2011

Company: Botaneco Corp.
Position Title: QC Chemist/Analyst
Department: Quality Control
Reports To: QC Manager
Employment Type: 1 year contract, with possibility of renewal
Location: Calgary, Alberta
Deadline to Apply: November 30, 2011
Apply to: brothersk@botaneco.ca

Botaneco Corp, which includes subsidiary Botaneco Specialty Ingredients Inc., Natunola Health Biosciences Inc., and Advitech Inc. provides quality ingredients to the personal care, food and nutraceutical markets. We are a health sciences and technology company that develops, manufactures and markets proprietary natural ingredients.

Position Description

The QC Chemist/Analyst will provide analytical support for process development and manufacturing activities. The QC Chemist/Analyst will help maintain the QC capability within Botaneco Corp. through the development and continuous improvement of appropriate documentation, methodologies, instrumentation, and equipment necessary to carry out the day to day operations consistent with Botaneco Corp. and external (industry) standards for such products.

This position is also responsible for advancing Botaneco's oleosome based technology into the Personal Care/ OTC Marketplace by assisting in the development of the Features/Benefits/Application profile for all new products. Duties include supporting the new technology introduction from product concept, to claim substantiation, to finished formulations, to working with lead customers in the development of marketable finished products.

Qualifications

Education:

- MS degree in chemistry, biology, cosmetic chemistry or equivalent;

Experience:

- Analytical laboratory experience;
- Familiarity with instrumentation/equipment commonly found in a cosmetics laboratory (i.e. pH meters, viscometers, and stability ovens);

Other:

- Strong analytical and problem solving skills; adaptability and creativity; demonstrated ability to work independently; strong interpersonal and communication skills with the ability to communicate across technical and business issues and results oriented.

All interested applicants should email their resume and cover letter in MS Word, rich text format or PDF to the attention of **Karen Brothers** at brothersk@botaneco.ca. We thank all candidates for responding. Only those candidates chosen by the client for an interview will be contacted. All other resumes will be retained for future consideration.

OTHER OPPORTUNITIES



Challenges in Inorganic and Materials Chemistry (ISACS8)

19 - 22 July 2012 • Toronto, Canada

This conference will review current research developments and identify future challenges in a comprehensive plenary programme which explores the following themes:

- Catalysis
- Porous Materials
- Magnetism
- Organometallic Chemistry
- Main Group Chemistry
- Materials for Energy

Key Dates & Deadlines	
24 February 2012	Oral abstract submission deadline
18 May 2012	Poster abstract deadline
18 May 2012	Early bird registration deadline
15 June 2012	Registration closes

Speakers

Simon Aldridge, UK
R. Tom Baker, Canada
Viola I. Birss, Canada
Paul J. Chirik, USA
George Christou, USA
William Dichtel, USA
François P. Gabbaï, USA
Sossina Haile, USA
Joseph T. Hupp, USA
Noritaka Mizuno, Japan
Russell Morris, UK
Kyoko Nozaki, Japan
Warren E. Piers, Canada
Annie K. Powell, Germany
Roberta Sessoli, Italy