VISITING SPEAKERS AND SEMINARS

Inorganic Division Visiting Speaker

Guangsheng Pang
Professor, New Century Talent Program of the Ministry of Education
Jilin University, Changchun, Jilin Province, China

“Porous structures formed by nanoparticles and nanowires”

DATE: Tuesday, November 8, 2016
TIME: 2:00 p.m.
PLACE: E3-25

Chemistry Department Visiting Speaker

Dr. Andy Dicks
Associate Professor, Teaching Stream
3M National Teaching Fellow
Department of Chemistry
University of Toronto

“On being a Science Teaching Faculty Member at the University of Toronto”

The University of Toronto faculty teaching stream was established in 1999, when new instructors were hired as “lecturers” and could gain continuing appointments after five years of service. This presentation will outline the structure of the teaching stream from a physical science perspective, what being a faculty member entails, and opportunities that have arisen during the past 15 years. These include lecture/laboratory curricular redesign (including the implementation of “green chemistry”), developing communities amongst science students, and the importance of teaching effective scientific writing to undergraduates.

DATE: Wednesday, November 9, 2016
TIME: 11:00 a.m.
PLACE: Room E3-25 Gunning/Lemieux Chemistry Centre

Di Wu
Ph.D Seminar
will speak on
“Studies of Fundamental Theories and Retention Mechanism of Charge Transfer and Hypercrosslinked Phases in Normal Phase High Performance Liquid Chromatography”

Tuesday, November 8, 2016
1:00 p.m. in Chemistry Centre Room E3-25
Express in Edmonton offers you the service of two offices, and 10 dedicated recruitment specialists in the following niche areas:

- Labor & skilled Labor
- Administrative
- Accounting & Finance
- Operations
- Supply Chain
- Technical/Trades

We offer candidates with a wide range of skill levels, from entry level to upper management. We help our clients streamline and simplify the hiring process, for temporary, contract and permanent placements. Let us help you!

Express Employment Professionals is looking for an Analytical Laboratory Technician!

Our South Side client is looking for a qualified candidate to join their quality control group. Our client produces a variety of high quality polymers for specialized applications.

Education/Experience Requirements:
- Chemical Technology Diploma or a Bachelor of Science Degree
- Five years of previous Lab work
- Direct experience in Plastic/Polymer testing and production processes
- Knowledge of ISO9001, QMS and GMP processes

Testing Specifics:
- Melt index testing as per ASTM D1238 method
- Spectroscopic techniques
- Operation of Lab scale extruders
- Film testing, blow and tape testing
- Defect inspection of resin and film
- Gas Chromatography
- Density and Adhesion testing

To apply for the position, please send your resume to Branko Culo, branko.culo@expresspros.com.
Canada Research Chair Tier I in Interfacial and Applied Surface Science

The Department of Chemistry at The University of Western Ontario (www.uwo.ca/chem) is pleased to announce a search for a Canada Research Chair Tier I in Interfacial and Applied Surface Science to be appointed to a tenured position at the rank of Associate Professor or Professor. The rank will be commensurate with the successful applicant’s qualifications and experience.

In accordance with the regulations set for Tier I Canada Research Chairs (www.chairs-chaires.gc.ca/) the successful candidate will be an outstanding and innovative researcher. The candidate must have a Ph.D. in Chemistry, or related field, and a demonstrated record of independent research accomplishments. Candidates should be recognized internationally as leaders in interfacial and surface science, as evidenced by publications in top tier international journals and other accolades such as active membership on advisory boards, international panels, editorship on major journals or a record as a keynote presenter at national and international conferences. A demonstrated success in attracting external funding, especially through large, multidisciplinary team-based projects is essential. The successful candidate should also have a superior record of attracting and supervising graduate students and postdoctoral fellows, and providing leadership in research and interdisciplinary scholarship.

At Western, the successful chair holder is expected to provide leadership, collegiality and strategic vision through collaboration with existing Chemistry faculty members and to build links between the departments within the Faculty of Science and in other Faculties. The candidate must carry out innovative research of the highest quality that will attract excellent trainees, and is expected to work on problems of industrial relevance partly with the goal of commercialization with facilitation by Western’s World Discoveries (www.worlddiscoveries.ca/). The candidate is also expected to contribute to our teaching mission by developing graduate courses in their speciality and participating in undergraduate training in the Department of Chemistry. Interfacial and surface science is an important area of materials science in which Western has a well-established national and international reputation. The Faculty of Science has extensive research infrastructure in this area, including Surface Science Western (www.uwo.ca/sci), the Nanofabrication Facility (uwo.ca/fab/), the Zaplab (http://uwo.ca/earth/zaplab/) and the Tandetron facility (www.isw.physics.uwo.ca). In addition, the Faculty of Science and the Department of Chemistry have exceptional expertise in synchrotron-based research, with extensive connections to synchrotron facilities in the country and around the world. Western is in the process of enhancing capacity in the area of Chemistry, and within the last year has made CRC appointments in computational materials (Tier I) and in innovative materials (Tier II), and is engaged in an ongoing search for an industrial research chair.

With annual research funding exceeding $220 million and an international reputation for success, Western ranks as one of Canada’s top research-intensive universities. Western is home to about 35,000 full-time undergraduate and graduate students and has one of Canada’s most beautiful campuses. General information about the University can be found at www.uwo.ca/. The university campus is in London, Ontario, a city of 340,000 located midway between Toronto and Detroit. With parks, river valleys, tree-lined streets, and bicycle paths, London is known as the “Forest City.” London boasts an international airport, galleries, theatre, music and sporting events (see www.goodmovelondon.com/).
Interested qualified applicants should submit a cover letter with a statement of interest, a brief summary of achievements in research (1 page) and a curriculum vitae. Candidates selected for consideration of an interview will be required to provide a concise research proposal (five pages, NSERC Discovery Grant format preferred), evidence to support the ability to contribute to the teaching mission of the university, and arrange for at least three letters of reference.

Application materials may be sent to:

Professor Jeff Hutter, Associate Dean
Office of the Dean, Faculty of Science
The University of Western Ontario
London, Ontario N6A 5B7, Canada
chemcrc@uwo.ca

Please ensure that the Application for Full-Time Faculty Position Form available at http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf is completed and included in your application submission.

Applications will be considered starting January 1, 2017 and will continue until the position is filled. The Anticipated starting date for the position is July 1, 2017.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Aboriginal persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact sattard2@uwo.ca

Posted on the Faculty Relations website November 1, 2016.
York University

Faculty of Science

Faculty Appointment

The position will commence **July 1, 2017** and is subject to budgetary approval. The successful candidate must be eligible for prompt appointment to the Faculty of Graduate Studies. Applications will be accepted until **November 15, 2016**.

Department of Chemistry

Department Chair

The Department of Chemistry invites applications for a tenure-track appointment at the rank of Associate or Full Professor who will serve as Chair of the Department for an initial 5 year term with the possibility of renewal. The Department seeks candidates who demonstrate excellence in teaching and scholarly research. Outstanding candidates in any area of chemistry will be considered, with emphasis on candidates who will complement or extend the department’s strengths in biochemistry, mass spectrometry and materials. The successful candidate will have a PhD in Chemistry, and an outstanding research record.

**For complete job description and application details,** visit [https://academicjobsonline.org/ajo/jobs/7577](https://academicjobsonline.org/ajo/jobs/7577)

York University is an Affirmative Action (AA) employer and strongly values diversity, including gender and sexual diversity, within its community. The AA Program, which applies to Aboriginal people, visible minorities, people with disabilities, and women, can be found at [www.yorku.ca/acadjobs](http://www.yorku.ca/acadjobs) or by calling the AA office at 416-736-5713. All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority.
Prospective Student Visitation Weekend

Department of Chemistry, University of Calgary
February 17-19, 2017

The Department of Chemistry at the University of Calgary is pleased to invite students considering graduate school in Chemistry to a prospective student visitation weekend on February 17-19, 2017.

Completed application forms along with a copy of your CV and unofficial transcripts to be submitted to prospect@ucalgary.ca or mailed to:

University of Calgary
Department of Chemistry, SA 229
2500 University Drive NW
Calgary, Alberta. T2N 1N4
Attn: Visitation Weekend

http://www.ucalgary.ca/chem/

Deadline to apply: December 16, 2016.

Name: ________________________________
Telephone #: ____________________________
Email Address: __________________________
Address: ______________________________
City: __________________ Province: _________ Postal code: ______________

Academic History:
Current Institution: ______________________
Past Institutions: _________________________
Projected Graduation Date: ______________
GPA (Overall): __________________________
OTHER OPPORTUNITIES, continued

Indicate all areas of chemistry that you are interested in pursuing (e.g. analytical, applied, biological, computational, electrochemistry, environmental, industrial, inorganic, medicinal, nanomaterials, organic, organometallic, physical, polymer, theoretical, other: ____________).

Indicate four to six faculty members that you would tentatively like to meet. More information is available on the websites of the individual research groups.

Thomas Back (Organic synthesis. Medicinal/bioorganic chemistry)
Thomas Baumgartner (Organic materials. Main group chemistry)
Darren Derksen (Organic Synthesis. Medicinal Chemistry)
Jürgen Gailer (Metal-based anticancer drugs. Toxicology of metals)
Belinda Heyne (Photochemistry. Nanotechnology)
Farideh Jalliehvand (EXAFS, spectroscopy, Bio-inorganic Chemistry)
Peter Kusalik (Molecular simulations, Crystal nucleation & growth, OH* in aqueous environments)
Chang-Chun Ling (Carbohydrate Chemistry, Bioorganic chemistry, Supramolecular chemistry).
Justin MacCallum (Biomolecular design. Molecular recognition and binding)
Robert Marriott (Applied industrial research)
Hans Osthoff (Analytical and atmospheric chemistry)
Warren Piers (Organometallic chemistry. Homogeneous catalysis)
Roland Roesler (Organometallic chemistry. Energy conversion and storage)
Dennis Salahub (Multiscale modeling. Chemical reactions in complex environments)
Yujun Shi (Chemical vapor deposition chemistry, metal nanoparticles by laser dewetting)
George Shimizu (Inorganic Materials. Metal organic frameworks.)
Todd Sutherland (Organic materials)
Venkataraman Thangadurai (Batteries. Fuel cells)
Simon Trudel (Nanomaterials. Electrochemistry)
Gregory Welch (Organic materials. Clean energy)

Indicate Desired Degree (MSc or PhD): ________________

Have you been in contact with any faculty member(s) within our department?

Yes / No: ______

NAME(S): __________________________

Did you apply for an NSERC graduate scholarship? At the University of Calgary Yes / No: ______

At another university Yes / No: ______

All reasonable travel related costs for selected applicants will be covered by the Department of Chemistry, University of Calgary. Successful applicants will be contacted by January 9, 2017.

Further information about the Department is available at http://www.ucalgary.ca/chem

This information is collected under the authority of the Freedom of Information and Protection of Privacy Act. It is required to process your request. If you have any questions about the collection or use of this information, please contact the Office of the Head, Department of Chemistry, Science A, room 229, 403-220-5340.