

Chemistry Notices

For the Week of December 5 to December 9, 2011

VISITING SPEAKERS & SEMINARS

Department of Chemistry Seminar

DR. JEAN BOUFFARD

University of California, Riverside

Department of Chemistry

WILL BE SPEAKING ON:

**“Synthesis and Applications of
Mesoionic Carbenes (MICs)”**

DATE: Monday December 05, 2011

TIME: 10:00 a.m.

PLACE: E3-25 Chemistry Building

Mesoionic carbenes (MICs) are a new family of 'bottle-able' stable carbenes, which are not only conveniently prepared on a large scale, but are also stronger electron-donors than N-heterocyclic carbenes (NHCs). MICs are powerful ligands for ruthenium olefin metathesis complexes that can rival and even surpass the activity of commercially available Grubbs-type precatalysts. The rich chemistry of MICs also extends to organocatalysis, and to the preparation of motifs that are not accessible with traditional NHCs, such as stable 1,4-bis(carbene)s and 1,2-bimetallic complexes.

Faranak Teimoory

502 Seminar

will speak on

**“Pyrene as a photophysical probe
for RNA intercalation dynamics”**

Wednesday, December 7, 2011

11:00 a.m. in E3-25

EMPLOYMENT OPPORTUNITIES

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*

Faculty of Science - Assistant or Associate Professor, Pharmaceutical Chemistry - UOIT11-156

Competition Number: UOIT11-156

Faculty of Science – Pharmaceutical Chemistry Professor

Posting Date: November 28, 2011

Closing Date: January 1, 2012

Appointment: Full-time Continuing

We invite you to consider joining UOIT's globally trained faculty as we further our reputation as a leading-edge learning and innovative research environment. UOIT has a 21st-century vision of teaching excellence at the undergraduate and graduate levels. At UOIT, we offer honours undergraduate degrees in chemistry with both bioorganic and pharmaceutical chemistry specializations. At the graduate level, we offer MSc and PhD degrees in both our applied bioscience and materials science graduate programs. Our educational philosophy is to challenge, encourage innovation, and connect our faculty, students and the community, while respecting the best practice traditions of Canada's established universities.

The Faculty of Science invites applications for a core faculty position in the chemistry program in the Faculty of Science. The appointment will be a tenure-stream or tenured position at the Assistant or Associate rank. This position is subject to budgetary approval, and would start at a mutually agreeable time, preferably no later than August 2012.

Applicants should possess a Ph.D. in Chemistry (with expertise in medicinal chemistry, chemical biology, synthetic organic chemistry or a related area) and a strong academic background with demonstrated achievement in teaching and research.

The successful candidate will have a demonstrated ability to develop and provide high quality curriculum; excellent communication skills; a willingness to work collegially; and be expected to play an integral role in the growth, development and identity of the chemistry program and the faculty of science. In keeping with a technology-enhanced learning environment utilizing laptop computers and wireless connectivity, UOIT seeks faculty members who will utilize a technology-enhanced learning approach, and who strive to explore and develop new pedagogies.

Applications will be accepted until January 1, 2012 or until suitable candidates are found. Applicants should submit in electronic format, a covering letter; a curriculum vitae including a list of publications; a statement of teaching interests; an outline of present and future research agendas; and 3 letters of recommendation to careers@uoit.ca, with competition number UOIT 11-156 and the applicant's name in the subject line.

UOIT is an equal opportunity employer and welcomes applications from qualified women and men, including members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

EMPLOYMENT OPPORTUNITIES, *continued*

Faculty of Science - CRC Tier II, Forensic Science - UOIT 11-158

Competition No: UOIT11-158

Faculty or Department: Faculty of Science

Position Title: Canada Research Chair (Tier II) in Forensic Science

Appointment Type: Assistant or Associate Professor

Salary Range: Commensurate with qualifications and experience

Posting Date: November 29, 2011

Closing Date: January 31, 2012

The Faculty of Science at the University of Ontario Institute of Technology (UOIT) invites applications for a Tier II Canada Research Chair (CRC) appointment. The Faculty is seeking an exceptional emerging researcher with potential to lead the field related to Forensic Biology or Forensic Chemistry. The candidate should meld cutting edge technique with innovative questions in Forensic Science. The CRC will also inform the ongoing growth and development of the Applied Biosciences graduate program. Candidates with collaborative and/or interdisciplinary research experience are preferred.

As an innovative university, UOIT delivers a leading-edge learning environment that uniquely combines academic knowledge, research opportunities, hands-on skills and a vibrant student life. The vision for research at UOIT is to be committed to and engaged in academic and research activities of national and international standards, especially those activities with strong potential to address issues of local, regional, national, and global significance. Research activity at this young university has grown dramatically with a research profile that is both competitive with, and distinct from, other Canadian universities. UOIT's commitment to research excellence has resulted in millions of dollars in grants and awards, including nine Canada Research Chairs. For detailed information please visit: http://research.uoit.ca/EN/main/about_research/fast_facts.html.

The CRC candidate must hold a PhD in a relevant discipline and should demonstrate extensive research experience in either Forensic Biology or Forensic Chemistry. It is essential that the candidate demonstrate commitment to research excellence, have the ability to develop collaborative research partnerships, the ability to conduct a dynamic and world-class research program, and exhibit strong teaching and communication skills. Appointment to this tenured or tenure-track faculty position will be at the Assistant or Associate Professor level, commensurate with the qualifications of the successful applicant.

Review of applications will begin on February 1, 2012 until a suitable candidate is found. Applicants should submit in electronic format a curriculum vitae including a list of publications, statements of research and teaching interests, and three letters of reference to careers@uoit.ca with the applicant's name and the competition number in the subject line.

UOIT is an equal opportunity employer and welcomes applications from qualified women and men, including members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Canada Research Chairs are subject to review and approval by the CRC Secretariat. Further details on the CRC Program can be viewed at <http://www.chairs.gc.ca>

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

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Chemical Sciences

www.rsc.org/isacs8

Invitation to join the WISER Mentor Network Executive Committee!

WISER (Women in Science, Engineering, and Research) is a community of graduate students, post-doctoral fellows, and early career professionals in the fields of science, technology, engineering, and mathematics. WISER is supported by a mentor network comprised of professionals from academia, industry, and government, including organizations such as TEC Edmonton, Edmonton Economic Development Corporation, Schlumberger, Enbridge, Suncor, Willowglen Systems, and Quantium Technologies. We hold monthly events which help attendees develop skills and networks to enable career success. Recent WISER events have included an Industry Mixer with keynote presentation by Dr. Jackie Shan, CSO of Afexa Life Sciences, Negotiation Skills workshop, and career panel sessions.

WISER is looking for graduate students and post-doctoral fellows to join our Executive and Event Committees. We hold one Executive meeting and one event per month. All new members are paired with an experienced WISER member who provides support and guidance. This is a great opportunity to meet new people, gain valuable experience in project management, marketing, leadership and to provide insight on the future direction of WISER.

If you are interested in a fulfilling opportunity to be part of a community that is making a difference and having fun at the same time, please send an e-mail to wiser@ualberta.ca with your name, position, department, letting us know of your interests.

*** WISER activities support diversity in the workplace and encourage the participation of both men and women.***