

Chemistry Notices

For the Week of September 13 to September 17, 2010

VISITING SPEAKERS & SEMINARS

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALBERTA

Organic Division Visiting Speaker



Professor Richard P. Hsung

School of Pharmacy and
Department of Chemistry
University of Wisconsin-Madison

will speak on

"Cycloaddition Chemistry of Allenamides."

DATE: Tuesday, 14 September 2010
TIME: 9:00 a.m.
PLACE: E3-25 - Gunning/Lemieux Chemistry Centre

PGW/ill (encl2 9/156)

DEPARTMENT OF CHEMISTRY, UNIVERSITY OF ALBERTA

Inorganic and Materials Division Visiting Speaker



Dr. Paul Hayes

Associate Professor
Alberta Ingenuity Faculty

Department of Chemistry and Biochemistry
University of Lethbridge
Lethbridge AB

will speak on

"E-H Bond Activations Promoted by Organolutetium Complexes Supported by a Monoanionic Carbazole-based Pincer Ligand"

DATE: Thursday, 16 September 2010
TIME: 11:00 a.m.
PLACE: E3-25 Gunning/Lemieux Chemistry Centre

ER/Bonnie x3477 9/1/2010

UNIVERSITY OF ALBERTA – DEPARTMENT OF CHEMISTRY

Visiting Speaker



DR. ALEXANDRE BROLO

University of Victoria
Department of Chemistry

WILL BE SPEAKING ON:

"Biomedical Applications of Plasmonic Nanostructures"

DATE: Friday September 17, 2010
TIME: 12:00 p.m.
PLACE: E3-25

Joshua Wasylycia Ph.D. Seminar (Analytical)

will speak on
"Nano-Biofuel Sources for Molecular
Motors in Microfluidic Devices"

**Friday, September 17
2:30 in Room DP 1030**

VISITING SPEAKERS & SEMINARS, *continued*



The School of Energy and the Environment (SEE) invites you to attend the next presentation in our
“SEE the research at work” seminar series 2010-11:

“Solar Energy”

Jillian Buriak (Professor, Chemistry)

Without question, the greatest challenge facing humanity is the search for reliable, clean and scalable sources of energy. At present, humans on earth are consuming energy at a rate of 14 TW (terawatts); by 2050, this value will increase to at least 30 TW. Where will the additional 16 TW come from, in addition to the 14 TW from traditional legacy sources of energy such as coal, oil and gas? Solar is the only credible source of power that can supply this rapidly increasing worldwide demand when compared with nuclear power, other renewables, and legacy energy sources.

In this talk, we will describe the energy horizon of solar, nuclear, legacy and other non-renewable as an introduction into research ongoing at the University of Alberta and the National Institute for Nanotechnology (NINT) into solar energy. Our research efforts are focused on using nanoscience to design and produce inexpensive and highly manufacturable photovoltaics, with an eye on using abundant, economical materials. The promise of photovoltaics is alluring, and has brought together highly interdisciplinary collaborations to solve the various challenges associated with these devices, with the uniting force of nanoscience that allows for control on the molecular scale.

Date: Wednesday, September 15, 2010

Registration starts at 12:00 pm

Seminar: 12:15 pm to 1:30 pm

Location: Stollery Executive Development Centre, Room 5-04, [Business Building](#), University of Alberta

Please RSVP online at <http://www.see.ualberta.ca>

Questions? School of Energy and the Environment (SEE): uasee@ualberta.ca

EMPLOYMENT OPPORTUNITIES

George Washington University Department of Chemistry is actively soliciting nominations and applications for a tenure-track faculty position at the Assistant or Associate Professor level beginning with the 2011-2012 term in Organic Chemistry or in Inorganic Chemistry. While the search is open to all areas of inorganic and organic chemistry, applicants with research interests in energy and/or environmental chemistry including, materials/biomaterials chemistry and that complement the existing strengths of the department will be given preference.

Applicants must have a Ph.D. or equivalent degree and postdoctoral experience. Applications should include a letter of application, curriculum vita, publication list, description of future research plans and statement of teaching interests. Recommendations from at least three references should be sent directly to the Search Committee. Review of applications will begin October 15 and will continue until the position is filled. Applications should be sent to:

Chair, Search Committee
Department of Chemistry
George Washington University
Washington, DC 20052
e-mail at gwchem@gwu.edu or call 202-994-6121

Simon Fraser University's Department of Chemistry at) invites applications for a tenure-track Assistant Professor position within the areas defined by Metabolomics, Proteomics, and Bioanalytical Chemistry in support of the Pharmacogenomics and Therapeutic Chemistry initiatives, to take effect in September 2011, subject to final budgetary approval. Applicants should have a Ph.D. degree and will normally have postdoctoral or industrial experience. Outstanding candidates with a commitment to excellence in research and teaching are being sought. The candidates will be expected to develop and maintain both an innovative, externally funded research program, and an excellent teaching record at both the undergraduate and graduate levels in Chemistry.

Applicants should send a complete resume, a concise research proposal, a short teaching dossier, and a list of three individuals willing to act as referees with their addresses, telephone and/or fax numbers, and e-mail addresses. The competition will remain open until the position is filled. Screening of applications will commence on October 1, 2010. All correspondence should be sent to:

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