Chemistry Newsletter

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Archived newsletter website – http://www.chem.ualberta.ca/news_seminars/2009/newsletter/contents.html

To submit an item for inclusion in the departmental weekly newsletter, please email the item to newsletter@chem.ualberta.ca.

502 SEMINAR:

Myles Poulin will be presenting *"Reagents and Techniques for Substrate-Directed Protein Labeling with the Retention of Protein Activity"* on Wednesday, October 21 at 11:00 am in room E3-25.

VISITING SPEAKERS:

Dr. Don Coltart, Department of Chemistry, Duke University will be speaking on *"Leveraging the Reactivity of Thioesters and Activated Hydrazones in the Development of New Synthetic Methods: Applications to Natural Product Synthesis"* on Monday, October 19, 2009 at 11:00 am in Mechanical Engineering room 2-1.

Dr. Rory Waterman, Department of Chemistry, University of Vermont will be speaking on *"Zirconium-Mediated Bond Formation: Stripping off Hydrogen to make σ- and π-Bonds"* on Thursday, October 22, 2009 at 11:00 am in Chemistry room E3-25.

The following talk hosted jointly by the Edmonton Section of the Chemical Institute of Canada and MacEwan University celebrates the award of a prestigious 3M National Teaching fellowship to Professor Glen R. Loppnow of the University of Alberta, Department of Chemistry.

"Science 100 at the University of Alberta: A Revolution in Post-Secondary Science Education"
A lecture by Glen R. Loppnow Professor of Chemistry, 3M National Teaching Fellow, and Vargo Teaching Chair

Abstract: Post-secondary science education is traditionally lecture-based, reinforced by laboratory exercises and homework. While this approach has appeared to work, recent research has shown that a large cohort of students do not respond to this style of learning. A revolution in science education is occurring at the University of Alberta, which is overturning this traditional model of teaching. Science 100 (SCI 100) is a new, evidence-based approach to science education. SCI 100 incorporates both a liberal and multi-disciplinary experience for first-year university science students in a low student-faculty ratio, blended learning, and immersive environment. By using a student-centered approach, focusing on learning at the expense of teaching, and incorporating elements of the arts, we have crafted a unique educational experience for first-year science students. SCI 100 incorporates group work, active learning, discovery learning, citizenship, music, and team teaching, as well as traditional lecture, homeworks, exams, and lab work. Student and instructor feedback, as well as student lesson results will be presented.
-- Glen R. Loppnow : B.Sc., M.Sc., Rensselaer Polytechnic Institute; Ph.D., University of California, Berkeley

When: Thursday, October 22nd, 7:00 pm to 8:00pm (refreshments available at 6:30 pm)
Where: Room 5-142, the CN Theatre, MacEwan University
Parking: Underground parking may be available, and on the street north of MacEwan
Please **RSVP** Dr. Lucio Gelmini at gelminil@macewan.ca if you wish to attend this talk (to ensure we have enough refreshments).

EMPLOYMENT OPPORTUNITIES

Are posted on the bulletin board across from the elevators on the third floor.
Please do not remove the employment notices from the bulletin board.

Employment opportunities are posted on a new internet site: http://www.careerowl.ca

University of Illinois at Chicago is seeking a candidate for a faculty position in proteomics, oipidomics, metabolomics or a complementary emerging technology. Please see employment board for more information.

University of Kentucky is seeking candidates with interests at the interface of chemistry and biology for two tenure track positions at the assistant professor level with a start date of August 2010. Please see http://www.chem.uky.edu/facultyseartch (includes instructions for submission of applications).

University of Calgary is seeking a Manager for their Instrumentation Facility. The appointee will have responsibilities managing the operation and maintenance of the Departmental Instrumentation Facility. Candidates must have a Ph.D. in chemistry or the equivalent, hands on experience in the operation and maintenance of NMR and/or Mass Specs. Qualified applicants should submit a curriculum vitae, statement of managing philosophy, evidence of experience in the operation and maintenance of instruments, and arrange for at least three letters of reference to be sent to: head@chem.ucalgary.ca