



CHEM ENG NEWS

Department of Chemical Engineering and Applied Chemistry
University of Toronto

Vol. 26, No. 22, June 12, 2009

ANNOUNCEMENTS:

Graduate Orals/Reading Committee Meetings:

Ph.D. Reading Committee – E.M. Srokowski, Wednesday, June 17, 2009, WB115, 2:00 p.m.

Research Topic: DEVELOPMENT AND CHARACTERISATION OF ELASTIN LIKE POLYPEPTIDES BIOMIMETIC SURFACES FOR BLOOD CONTACTING DEVICES

Committee: Chair – P. Santerre; Supervisors - K. A. Woodhouse, C. Simmons; Other Member – Prof. Amsden

Ph.D. Reading Committee – R. Gupta, Thursday, June 18, 2009, CCBR–Black Semina, 1:00 p.m.

Research Topic: THE USE OF AN ENDOTHELIALIZED MODULAR CONSTRUCT FOR ISLET TRANSPLANTATION

Committee: Chair – M.S. Shoichet; Supervisor - M.V. Sefton; Other Members - D. Marsden, M. Wheeler

M.A.Sc. DEPARTMENTAL ORAL - S. Francey, Thursday, June 18, 2009, WB115, 1:30 p.m.

Thesis Title: IMPACTS OF BURNING ALTERNATIVE FUELS IN LIME KILNS AT KRAFT PULP MILLS

Committee: Chair - C.Q. Jia; Supervisors - H.N. Tran, A. Jones; Other Member - D.W. Kirk

Ph.D. Qualifying Examination – S.M. Saadatmand, Thursday, June 18, 2009, WB420, 2:00 p.m.

Research Topic: A STUDY ON VIBRATION-INDUCED PARTICLE MOTION UNDER MICROGRAVITY

Committee: Chair - C.A. Mims; Supervisor - M. Kawaji; Other Member - R.R. Farnood, J.W. Zu

Ph.D. Reading Committee – M. Edalatmanesh, Friday, June 19, 2009, WB115, 10:00 a.m.

Research Topic: PRODUCING BIOCOMPOSITE MATERIAL FROM PULP AND PAPER SECONDARY SLUDGE

Committee: Chair - R.R. Farnood; Supervisors - S.N. Liss, M. Sain; Other Members - D.N. Roy, D.W. Kirk

Positions Available:

Applications are invited for the prestigious Canada Excellence Research Chair (CERC) in “Environmental Friendly Processing of Canadian Petroleum Resources and Biofuels” in the Department of Chemical and Biochemical Engineering, Institute for Chemicals and Fuels from Alternative Resources, The University of Western Ontario. The appointment will be tenured and at the level of Full Professor. The successful candidate will have a Ph.D. in Chemical Engineering or in a related engineering discipline, and will have demonstrated an outstanding record of R&D accomplishments and impact. The CERC will be expected to further develop Western’s profile in the area of research; collaborate with existing faculty; attract additional and on-going external research funding, supervise graduate students; instruct in u/g and grad courses; and participate in other educational and professional activities. Those applying for this position should forward a curriculum vitae and the names and addresses of three internationally recognized referees to: Department Chair, Department of Chemical and Biochemical Engineering, The University of Western Ontario, London, Ontario, N6A 5B9, Canada. E-mail enquiries and submissions can be sent to: cbechair@eng.uwo.ca. The application end date is July 31, 2009.

ANNOUNCEMENTS, continued:

Positions Available, continued:

ENVIRONMENTAL BIOTECHNOLOGY POST DOCTORAL POSITION - The Department of Civil and Environmental Engineering at the University of Windsor invite applicants for a post-doctoral position starting immediately in the area of bioprocessing engineering. The 12 month (with the possibility of renewal for another 12 months) position is available immediately. Applications will be accepted until the position is filled. Experience with analytical instruments including GC, GC/MS and IC/HPLC and familiarity with advanced molecular biology techniques, sterile techniques, microbial culture manipulations and maintenance is highly desirable. The candidate will also assist in the training of graduate student.

The selected candidate will focus on projects related to the following areas: optimizing hydrogen production using microbial cultures, operating batch and continuous flow bioreactors, characterizing a variety of agriculture feedstocks and using molecular biology techniques. Experience with the design and operation of microbial fuel cells and the development and characterization of supported nanocatalysts are also desirable. Applications should be sent to Dr. Jerald Lalman, Canada Research Chair in Environmental Biotechnology, Department of Civil and Environmental Engineering, University of Windsor, 401 Sunset Ave., Windsor, Ontario, Canada N9B 3P4 preferably by email (lalman@uwindsor.ca). Please include a cover letter describing relevant qualifications, a curriculum vitae and list (with contact information) of at least 3 references.

Further information on both positions is posted on the bulletin board outside of Room 217.