

MATERIALS RESOURCE CENTER: *Positions Available*



Chemical Engineering & Applied Chemistry
UNIVERSITY OF TORONTO

FACULTY OPENING

LEADERSHIP AND INNOVATION IN SUSTAINABLE INORGANIC PROCESSING

The Department of Chemical Engineering and Applied Chemistry at the University of Toronto invites applications for a tenure-stream appointment, in Extractive Metallurgy and related fields. The appointment will be at the rank of Assistant Professor and with a nominal start date of May 1, 2014. The successful candidate will have demonstrated excellence, leadership and innovation in research and teaching.

Examples of the areas that are of particular interest include:

- Aqueous Process Metallurgy - Hydrometallurgy
- Biohydrometallurgy
- Sustainable Processing of Inorganic Resource Materials at all stages
- Mineral Processing
- Sustainable Waste Disposal and Resource Recovery, Residue Stability, Environmental Management of Mining Activities

The Faculty of Applied Science and Engineering of the University of Toronto has had a long history of strength in chemical process metallurgy. Our intent is to enhance our strength in extractive metallurgy while at the same time aligning with the key strategic directions of sustainability and energy. The candidate's expertise will be expected to complement our existing strengths in extractive metallurgy, the environment and sustainability and develop links with researchers in the Department of Materials Science and Engineering and the Lassonde Institute of Mining.

This academic position is one of several to be offered over the next several years as part of a strategic thrust across several departments to build strength in areas related to sustainability in mining, mineral processing, extractive metallurgy, and materials processing. At this time, there is a simultaneous search by the Department of Materials Science and Engineering for new faculty in areas that are complementary to the list above.

Applicants are expected to have a PhD in Chemical, or Metallurgical Engineering, Chemistry or equivalent, and demonstrated excellence in research as well as excellent teaching skills. Postdoctoral or industrial experience is an asset. The successful candidate will be expected to initiate and lead an independent research program of international calibre, and teach in the chemical engineering curriculum at the undergraduate and post-graduate level. Collaborative and inter-disciplinary research and collegial interaction will be important elements in success. Eligibility to register as a Professional Engineer in Ontario is a desirable qualification. Salary will be commensurate with qualifications and experience.

All applicants should apply on-line at <http://uoft.me/how-to-apply>. Please include the following materials: a curriculum vitae, a statement of research vision with a five to ten year horizon (three to five pages), and a statement of teaching philosophy and interests. If you have any questions about this position, please contact chair, chemeng@utoronto.ca.

Applicants should also arrange for three letters of reference to be sent directly to facultysearch.chemeng@utoronto.ca by September 30, 2013. The search will continue until the position is filled. To ensure consideration, interested individuals should submit complete application materials before September 30, 2013.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

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IOWA STATE UNIVERSITY

FACULTY POSITIONS

Department of Mechanical Engineering

The Department of Mechanical Engineering at Iowa State University invites applications for multiple tenure-track faculty positions at the Assistant, Associate, or Full Professor ranks to begin in 2014 (www.me.iastate.edu).

Exceptional candidates in all areas of mechanical engineering will be considered, with particular emphasis in:

- Manufacturing (additive, soft materials, micro/nano, high-speed, energy systems)
- Controls (robotics, complex systems, energy, biological, environmental)
- Biotechnology (biosensors and biochips, bioM/NEMS, biomaterials)
- Energy (building efficiency, systems engineering, renewable)
- Complex fluids (chemically reacting, biofluids, multi-scale)
- Design (lifecycle analysis, sustainability, modeling and visualization)

All interested, qualified persons must apply for this position by visiting www.iastatejobs.com/applicants/Central?quickFind=83186 and completing the Employment Application for vacancy #130200. Questions should be directed to Associate Professor Terry Meyer (trm@iastate.edu, 515-294-1805). Interested candidates are encouraged to apply early, with applications to be reviewed on a continuing basis beginning on July 1, 2013. For full consideration, applications must be received by Dec. 15, 2013.

ISU is an Equal Opportunity/Affirmative Action Employer, and we are seeking candidates who share this mission of advancing diversity.