

University of Toronto

The Rein Otson Memorial Fellowship

This Fellowship is tenable in the Department of Chemical Engineering and Applied Chemistry for M.A.Sc. or Ph.D. study and research. The amount, approx. \$ 25,000. per annum, covers substantially all essential study and living costs. Assuming good progress, the Fellowship is renewable over the length of the study period. Preference is given to applicants from Estonia.

The requirements are at least a completed Bachelor's degree, preferably with some further advanced study in Natural Sciences or Engineering, to be the equivalent of a 4-year program, with marks well above average, and adequate knowledge of English, at least 93 on a TOEFL test which must be presented.

Applicants are advised to contact Prof. Emer. O. Trass for initial vetting and advice, olev.trass@utoronto.ca, tel.1-416-978.6901, fax 1-978.8605, 200 College St., Toronto, ON M5S 3E5, Canada.

A preferred research area deals with the extraction of oil and proteins from oilseeds as well as with the properties and use of the various products. Another one is anaerobic digestion for biogas production. Both are related to some work going on in Estonia and would be grouped under Bioprocess Engineering (Profs. L.L.Diosady and E. Edwards).

There is a wide range of other potential research areas grouped into 'Research Clusters', each bringing together research activities of several professors and their students. These clusters are:

- Biomolecular and Biomedical Engineering;
- Bioprocess Engineering (incl. Food Engineering);
- Chemical and Material Process Engineering;
- Environmental Science and Engineering;
- Informatics; Pulp and Paper;
- Surface and Interfacial Engineering; and
- Sustainable Energy.

Further details may be found on the departmental web site www.chem-eng.utoronto.ca

It may be appropriate to mention that the University of Toronto ranks highest in Canada and among the top 25 in the world. The Faculty of Applied Science and Engineering, home of Chemical Engineering, was rated as the 8th Engineering School in the world and the Department 14th among its peers!

Preferred background knowledge arises from Chemistry, Chemical Engineering and Food Technology, followed broadly by other Natural Sciences or Engineering. There are opportunities to expand on that background knowledge with required materials through coursework as well as individual coaching/training.

Typical entry times for new graduate students are January, May or September. Other arrangements are possible.