

GRADUATE STUDENT ASSISTANTSHIP (M.Sc.)

Food Process Engineering

Supervisor: Dr. Alex Martynenko, Department of Engineering, Faculty of Agriculture, Dalhousie University.

Project: The objective of the project is the development of new energy-efficient and quality-saving drying technology. This project is a part of the integrated and interdisciplinary research program to improve the quality of food processing. The successful graduate student will quantify physical, chemical and textural attributes of food before and after processing, shelf-life and quality degradation. Successful candidate will be working closely with local food processing industry.

Qualifications: Applicants must have experience in food dewatering (drying), computer programming and/or imaging. Undergraduate with a minimum GPA 3.5 or graduate degree in engineering or science is required. Knowledge of food science and technology, value-added food processing, fruit biochemistry and/or food analysis would be a strong asset. Strong written and oral communication skills are important.

Stipend: \$17,500 per year for two years. Qualified individual will also have the opportunity to apply for an NSERC-IPS (<http://www.nserc.gc.ca>) postgraduate fellowship.

Start Date: Until suitable candidate found.

For further information about the research project, contact Dr. Alex Martynenko at alex.martynenko@dal.ca.

For admissions information and application: refer to the following website:
<http://www.dal.ca/faculty/agriculture/programs/graduate-studies.html>

Send supplementary application materials, e.g. CV, letter of intent and transcripts (also application and references if not applying online) directly to: Graduate Secretary, Dalhousie University, Faculty of Agriculture, 62 Cumming Drive, Truro, NS B2N 5E3, CANADA.
e-mail: gradadmissions.agr@dal.ca