



Faculty of Agriculture

M.Sc. in Agriculture Graduate Student Assistantship

Imaging of Food Quality

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

Location: Dalhousie University, Truro Campus, NS

Project: The objective of the project is imaging and quantification of food quality attributes based on the recent advances of computer-vision technology. This project is a part of the integrated and interdisciplinary research program to improve technology of food processing with respect to quality. The successful graduate student will quantify attributes of food quality and attributes of digital images with the next correlation analysis of both. Successful candidate will be working closely with research team in computervision and imaging applications for food industry.

Qualifications: Applicants must have experience in food dewatering (drying), computer programming and/or imaging. Undergraduate with a minimum GPA of 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: When 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**