

## GRADUATE STUDENT ASSISTANTSHIP (M.Sc.)

### Imaging of Food Quality

**Supervisor:** Dr. Alex Martynenko, Department of Engineering, Nova Scotia Agricultural College

**Location:** Nova Scotia Agricultural College, Truro, NS

**Project:** The objective of the project is the development of computer-vision technology of food quality control and processing with respect to quality. This project is a part of the integrated and interdisciplinary research program to improve technology of food processing. 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 computer-vision and imaging applications for food industry.

**Qualifications:** Applicants must meet the entrance requirements of the M.Sc. program and possess an honours undergraduate degree (or equivalent) in engineering or science and have a minimum GPA of 3.2 for the last two years of study. Interest in and knowledge about 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 also will have the opportunity to apply for an NSERC-IPS (<http://www.nserc.gc.ca>) postgraduate fellowship.

**Start Date:** September 1, 2-12 (or until a suitable candidate is found).

**To Apply:**

Submit a full M.Sc. application package plus CV, covering letter, and a list of references to Ms. Marie Law, Research and Graduate Office, NSAC, P.O.Box 550, Truro, NS, B2N 5E3, Canada. Phone (902) 893-6502, fax (902) 893-3430. For further information about the M.Sc. Program visit the web site at <http://nsac.ca/research/graduatestudies/>.

For further information about the research project, contact Dr. Alex Martynenko at [amartynenko@nsac.ca](mailto:amartynenko@nsac.ca).

**The Master of Science program with a specialization in agriculture is offered by the NSAC in conjunction with Dalhousie University.**