

**FACULTY OF AGRICULTURE, DALHOUSIE UNIVERSITY  
M.Sc. in Agriculture (Precision Agriculture)**

**Graduate Student Assistantship**

**Supervision:** Dr. Q. Zaman, Department of Engineering, Faculty of Agriculture, Dalhousie University.

**Location:** Dalhousie Agricultural Campus, Truro, Nova Scotia, Canada

**Project:** Dalhousie Faculty of Agriculture and Doug Bragg Enterprises have initiated a Precision Agriculture Research Program to develop innovative technologies to reduce wild blueberry fruit loss during harvesting. The accepted candidate would work closely with Dr. Zaman on improving berry picking efficiency during harvesting using a bio-systems modeling approach.

**Qualifications:**

Applicants must possess a B.Sc. Honors degree or equivalent degree in engineering, and be eligible to enroll in the M.Sc. Agriculture program. Knowledge in machine design, modeling and precision agriculture is desirable. Experience in use of agricultural machinery/instruments as well as strong written and oral communication skills would be considered a great asset. Applicants must have an interest and willingness to generate innovative ideas, techniques and technologies, be able to travel and conduct laboratory as well as field experimentation, be self-motivated, willing to work independently and in a team environment, have a some familiarity with computer programming and bio-system modeling, and statistical analysis.

**Date:** To start May 2015

**Funding:** \$18,500/year or if you are an NSERC PGS awardee, your tuition will be covered for two years.

**For project information:**

Contact Dr. Qamar Zaman at: Email: [qzaman@dal.ca](mailto:qzaman@dal.ca); Ph: 902-893-5426 ; Fax: 902-896-1859

**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](mailto:gradadmissions.agr@dal.ca)