

Graduate Student Assistantship

Nova Scotia Agricultural College and Memorial University of Newfoundland.

M.Sc in Food Chemistry

Supervision: Dr. Vasantha Rupasinghe, Associate Professor, Department of Environmental Sciences, Nova Scotia Agricultural College (NSAC) and Dr. Fereidoon Shahidi, Professor, Department of Biochemistry of the Memorial University of Newfoundland.

Location: NSAC, Truro, NS, Canada

Project: The Tree Fruit Bio-product Research Program at Nova Scotia Agricultural College (NSAC) is seeking a graduate research assistant to perform research for an NSERC- and Atlantic Innovation Fund (AIF)-funded project in the area of natural food antioxidants. Research activities mainly focus on preparation of selected natural antioxidant products from horticultural bio-resources using “green” extraction techniques and chromatographic partitioning techniques and characterization of their antioxidant properties using selected food and biological model systems.

This research initiative is a collaborative effort of the Nova Scotia Agricultural College and the Department of Biochemistry of the Memorial University of Newfoundland.

Qualifications: Applicants must possess a B.Sc. honours degree in food science, biochemistry, chemistry or equivalent, meet the entrance requirements for the NSAC M.Sc., program, and have a minimum first class GPA (80%, A- or 3.7) in the last two years of undergraduate study. Interest in and knowledge about natural product chemistry, lipid chemistry and food analysis would be a strong asset. Strong written and oral communication skills are important.

Stipend: \$17,500 per year for M.Sc.

The successful candidate may also apply for an NSERC-Industrial Postgraduate Scholarship (IPS).

Start Date: May or September 2010

To Apply: Please send a resume, statement of career goals, and the contact information (addresses, e-mail and phone numbers) of at least three references to Dr. Vasantha Rupasinghe (vrupasinghe@nsac.ca;
Phone: +1 902 893 6623) or Dr. Fereidoon Shahidi (fshahidi@mun.ca).

For Graduate Program Information:

For further information about the M.Sc. Program at NSAC contact Marie Law at mlaw@nsac.ca) or visit the NSAC web site at <http://nsac.ca/research/graduatestudies/>.

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