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Graduate Student Assistantship

M.Sc. or Ph.D. in Natural Product Chemistry (3 positions available)

Supervision: Dr. Vasantha Rupasinghe, Associate Professor, Department of Environmental Sciences, Nova Scotia Agricultural College (NSAC)

Location: NSAC, Truro, NS, Canada

Project: The Fruit Biochemistry and Bioproducts Research Program at NSAC is seeking three graduate research assistants to perform research for NSERC Discovery Grant and Canada Research Chair programs-funded projects in the area of natural product chemistry. In general, the research activities mainly focus on characterization of antioxidant and selected biological properties of isolated phytochemicals and their derivatives using research model systems of human cell lines and experimental animals.

This research projects will be conducted in collaborative with Dalhousie University, University of Prince Edward Island and National Research Council of Canada.

Qualifications: Applicants must possess a B.Sc. honours degree or equivalent in agriculture, biochemistry, chemistry, or food chemistry, 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, pharmacology and mammalian biochemistry would be a strong asset. Strong written and oral communication skills are important.

Stipend: \$17,500 per year for M.Sc.; \$21,000 per year for Ph.D.

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

Start Date: as soon as possible

For information about these positions or the research program: Please contact Dr. Vasantha Rupasinghe (vrupasinghe@nsac.ca; Phone: +1 902 893 6623).

For Graduate Program Information or to apply:

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 NSAC in conjunction with Dalhousie University.