



Graduate Student Assistantship

M.Sc. in Medicinal Biochemistry – Antibacterial Natural Products

(2 positions available)

Supervision: Dr. Vasantha Rupasinghe, Associate Professor and Canada Research Chair (Fruit Bioactives & BioProducts), Department of Environmental Sciences, Faculty of Agriculture, Dalhousie University, Truro, Nova Scotia, Canada

Location: Dalhousie University - Agricultural Campus, Truro, Nova Scotia, Canada

Project: The Fruit Bioactives and Bioproducts Research Program at Dalhousie University Agricultural Campus is seeking two graduate research assistants to perform research for a project funded by NSERC Collaborative Research and Development Grant and an industry partner in the area of medicinal biochemistry of plant-bioactive derived antibacterial products. In general, the research activities mainly focus on characterization of specific anti-bacterial properties of selected natural products using a disease model system of a human pathogen and other marker microorganisms.

Qualifications: Applicants must possess a B.Sc. honours degree or equivalent in biochemistry, microbiology, biology or related discipline, meet the entrance requirements for the Dalhousie University 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, microbiology and mammalian biochemistry would be a strong asset. Strong written and oral communication skills are important. The candidate will also be encouraged to seek the possibility of upgrading to a Ph.D. program during the second year of the study.

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

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

Start Date: Open

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

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