

Graduate Student (M.Sc.) Assistantship

Degradation of Resistant Proteins in Composts

Supervision: Dr. Gordon W. Price, Innovative Waste Management Research Chair, Department of Engineering

Location: Nova Scotia Agricultural College

Project: The goal of this research program is to evaluate the degradation characteristics and kinetics of resistant proteins, such as keratin, prions, silk etc., in managed biological systems such as composts. The successful candidate will become a member of the Innovative Waste Management Research Team at NSAC. This research program will also provide the successful candidate with an opportunity to develop technical and analytical skills working with state-of-the-art equipment. This research program is a joint collaboration between NSAC and industry and government partners.

Qualifications: Applicants should possess a B.Sc. degree in Biochemistry, Chemistry, Environmental Sciences, or related fields, and have a minimum GPA of 3.0 in the last two years of study. A background in biochemistry with a solid understanding of protein structure and function is preferred. Interest in and knowledge about organic wastes and organic matter decomposition is an asset. Strong written and oral communication skills are extremely important.

Stipend: \$16,500 per year (tuition waivers are available to qualifying candidates)
(Students may be eligible to apply for NSERC and GRTI scholarships. Additional scholarships, grants, and research assistantships may also be available for qualified applicants)

Start Date: May 1, 2009

To Apply:

All interested candidates are asked to please contact: Dr. Gordon W. Price

E-mail: gprice@nsac.ca Telephone: +1 902 890-2037 <http://nsac.ca/eng/staff/gprice/>

For Graduate Program Information:

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