



# ses

school of environmental sciences

The Research Seminar Presentation by

**Débora Bowser**

will be held on

**Wednesday March 2, 2016**

**At 11:20 am**

**ALEXANDER HALL 337**

Title:

**Controlled-release fertilizer can be used to manage production time and quality of container nursery shrubs**

**Abstract**

Containerized ornamental plants are an important part of the nursery industry in Canada. However, production of these plants is contributing to an increase use of fertilizer that is typically applied using generalized recommendations. The proposed research will help determine the optimal controlled-release fertilizer concentrations and optimal timing of application for two economically important shrubs, *Hydrangea* 'lime light' and *Hibiscus* 'Sugar tip'. Determining the optimal fertilization application concentration to suit species-specific container shrubs would reduce production time resulting in a higher turn out of containerized shrubs per season. This would allow higher profit margins to the Canadian horticultural industry while producing an environmentally responsible product.

**Everyone is welcome to attend**

**(This is a Research Proposal presentation by students in ENVS\*6900)**