



ses

school of environmental sciences

The Research Seminar Presentation by

Chase Jones-Baumgardt

will be held on

Tuesday March 20, 2018

At 1:30 pm

ALEXANDER HALL 265

Title: Using Light Emitting Diodes as Sole Source or Supplemental Lighting for Microgreen Production in Controlled Environments

Abstract

Microgreens are a new class of specialty edible greens that have been gaining popularity in recent years. Of particular interest to microgreen producers is lighting, and how light can be used to manipulate growth and phytochemical production in order to maximize crop quality and minimize energy use. The optimal light intensity for multiple microgreen species will be developed during this project, which is a key input parameter for improving production. The main objectives of this research are to develop lighting protocols for using LED lighting technologies for providing lighting in both indoor and greenhouse microgreen production scenarios.

Everyone is welcome to attend

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