

University of Guelph School of Environmental Science Graduate Student Council presents Virtual Conference, May 27th 2021

Workshop

De la Mora Alvaro @AlvaroDelaMora3

Breeding program for Varroa mite resistance in Ontario honey bee populations Advisor: Dr. Guzman E.

Sabrina Rondeau @SabRondeau

Sublethal effects of realistic single and combined exposure to pesticides used on squash crops for a ground-nesting solitary squash bee (*Eucera pruinosa*) Advisor: Raine N.E.

Charlotte Coates @ses.student

Looking inside plants to understand the effects of climate change Advisor: Dr. Kevan P. & Dr. Warland J.

Francis Durnin-Vermette

Improving Ontario's modelling estimations of soil organic carbon sequestration in manure-amended croplands

Advisor: Dr. Gillespie A.

Jacob Coppolino

Effects of freeze-thaw on the mobilization of soil phosphorus in a Grand River wetland riparian buffer zone

Advisor: Dr. Glasauer S.

Kimber Munford

Plants on acidic, metalliferous mine tailings recruit beneficial microbes

Advisor: Dr. Glasauer S. & Dr. Mykytczuk N.

Nicole Legge @NicoleLegge2

Assessing the role of soil nitrogen content on the interactions between Per- and polyfluoroalkyl substances (PFAS) and crops

Advisor: Dr. Longstaffe J.

Live Talk

Poster Session

Abigail Wiesner @EntoAbbie

The biological status and current distribution of box tree moth in Ontario Advisor: Dr. Scott-Dupree C.

Serena Leo @SerenaLeo14

Biological control of the pepper weevil using the parasitoid wasp, *Jaliscoa hunteri* Advisors: Dr. Scott-Dupree C. & Dr. Roselyne L.

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