

Jason Lemay
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Education

Masters of Science in Plant Agriculture - Improving IPM strategies for Carrot Rust Fly (*Psila rosae* F.)
Expected Thesis Defence - December 2016
University of Guelph, Guelph, ON

Honours Bachelor of Environmental Sciences – Major in Environmental Biology *April 2014*
University of Guelph, Guelph, ON

Work Experience

Nursery Crop Scout *May – August 2014*
Landscape Ontario/OMAFRA, Guelph, Ontario

- Required to scout ornamental nurseries across southern Ontario to determine the presence and identify insect pests and predators, plant pathogens, and environmental stressors
- Educated nursery growers in entomology, plant pathology and IPM as well as provide reports on finding and observations after each scouting visit
- Required to help build a reference collection of nursery insect pests for educational purposes using methods such as pheromone trapping and sweep netting

Logistics Operator *Summer 2010-2013*
Cytec Canada, Niagara Falls, Ontario

- Required to manage the Canadian redistribution warehouse single-handedly, including the preparation and signing of the Bill of Lading
- Created a database to track the location of product pressure vessels globally
- Organize and maintain warehouse layout for efficient and safe handling of chemicals and materials
- Operated a forklift safely in high traffic and limited space areas

Teaching Experience

Graduate Teaching Assistant *January 2015 – April 2015*
(ENVS*2210DE Apiculture and Honey Bee Biology)

Commissioned Reports

Lemay, J., A. Lemay. The impact of environmental stresses on the survivability of the urban landscape: A review of the literature and recommendations. Landscape Ontario.

Refereed Publications

Scott-Dupree, C., Z. Telfer, **J. Lemay**, S. Blatt, M.R. McDonald. (2014). Carrot Insect Pests: Biology and Management. In Encyclopedia of Pest Management (*Submitted*)

Non-refereed Publications

Lemay, J., Z. Telfer, C. Scott-Dupree, M.R. McDonald. (2015). Evaluation of an existing integrated pest management program for carrot rust fly and carrot weevil on carrots, 2015. Pest Management Research Report – 2015 Growing Season. Agriculture and AgriFood Canada. March 2016. (*Submitted*).

Lemay, J., Z. Telfer, C. Scott-Dupree, M.R. McDonald. (2015). Evaluation of in-furrow insecticides and foliar treatments for control of damage by carrot rust fly in carrots, 2015. Muck Vegetable Cultivar Trial & Research Report 2015. Office of Research & Department of Plant Agriculture, University of Guelph. Report 65. (*Submitted*)

Telfer, Z., J. Lemay, M.R. McDonald, C. Scott-Dupree. (2015). Field evaluation of seed treatment insecticides for control of carrot weevil and carrot rust fly in carrot, 2015. Pest Management Research Report – 2015 Growing Season. Agriculture and AgriFood Canada. March 2016. (*Submitted*).

Invited Speaker

Lemay, J., C. Scott-Dupree, M.R. McDonald. (2015). Pest Management of the carrot rust fly. Muck Crop Vegetable Growers Conference. Bradford, Ontario, *April 2015*.

Lemay, J., A. Lemay. (2016). Tree Survivability in the Urban Landscape. Winter Seminar Series. Canadian Landscape and Nursery Association. March 2nd, 2016.

Lemay, J., C. Scott-Dupree, M.R. McDonald. (2015). Pest Management of the carrot rust fly. Muck Crop Vegetable Growers Conference. Bradford, Ontario, *April 2016*.

Presentations

Lemay, J., C. Scott-Dupree, M.R. McDonald. (2015). How can we improve the chemical control of carrot rust fly? Ontario Pest Management Conference. Guelph, Ontario, *November 2015* (poster presentation).

Lemay, J., C. Scott-Dupree, M.R. McDonald. (2015). How can we improve control of Carrot Rust Fly (*Psila rosae* Fab.)? 2015 Joint Annual Meeting, Entomological Society of Canada. Montreal, Quebec, *November 2015* (poster presentation).

Lemay, J., C. Scott-Dupree, M.R. McDonald. (2015). A fresh look into chemical control of carrot rust fly in Ontario. 37th International Carrot Conference. Alliston, Ontario, *September 2015* (oral presentation).

Lemay, J., C. Scott-Dupree, M.R. McDonald. (2015). How can we improve IPM for carrot rust fly in Ontario? Production Systems - Plants Research Forum. Guelph, Ontario, *March 2015* (poster presentation).

Lemay, J., C. Scott-Dupree, M.R. McDonald. (2015). How can we improve IPM for carrot rust fly in Ontario? Ontario Fruit and Vegetable Growers Conference. Niagara Falls, Ontario, *February 2015* (poster presentation).

Scholarships

- OAC Dean's Scholarship

January 2015

- OAC Dean's Scholarship
- Arthur D. Latornell Travel Scholarships

January 2016
March 2016

Workshop and Courses

Potential Energy: Improving Presentation Styles

Piero Vitelli, Island 41 Co. (2016)

Dow Agro Sciences Media Skills Workshop

Dow Agro Sciences (2015)

Grower Pesticide Safety Course

University of Guelph (2015)

Potential Energy: Improving Communication Skills

Piero Vitelli, Island 41 Co. (2014)

Transportation of Dangerous Goods

Canada Safety Council (2011)

Wilderness Leader in Training Program

Camp Kawartha (2010)

Other Contributions

Co-President

Graduate Student Liaison Committee (Plant Agriculture)

May 2015-May 2016

MSc Representative

Graduate Committee (Plant Agriculture)

May 2015-May 2016

Student Representative

Winter seminar Series

January 2016-April 2016

Guest Speaker (Insect Biology)

St. Martin Catholic Elementary School

November 2014

Judge

Niagara Regional Science and Engineering Fair

March 2014 & 2016

Kitchen Help

Out of the Cold, Welland, Ontario

2007-2012