

Claudia Bashian-Victoroff

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3949 Northampton Rd.
Cleveland Heights, Ohio 44121

EDUCATION AND HONORS

Case Western Reserve University	2020 – present
Doctor of Philosophy	
Area of Study: Biology	
Current GPA: 4.0	
State University of New York	2017 – 2020
College of Environmental Science and Forestry (SUNY ESF)	
Master of Science	
Area of Study: Mycology and Forest Pathology	
GPA: 3.686	
Loyola University of Chicago (LUC) <i>Magna Cum Laude</i>	2013 – 2017
Bachelor of Science	
Major: Environmental Science	
Minor: English	
Concentration: Food Systems and Sustainable Agriculture	
GPA: 3.832	

EMPLOYMENT

Holden Forests and Gardens, Kirtland OH	
Graduate Research Assistant	Fall 2020
- Designed and conducting research investigating the relationship between mycorrhizal fungi and Beech Leaf Disease, an impeding forest pathogen.	
SUNY ESF Dept. of Environmental and Forest Biology, Syracuse NY	
Graduate Research Assistant	Spring 2018, 2020
- Utilized aseptic technique and molecular approaches to produce and identify fungal cultures	
Graduate Teaching Assistant	
<i>EFB 320 General Ecology Lab</i>	Fall 2017, 2018, 2019
- Instructed two laboratory sections to aid students in conducting independent research projects	
- Held weekly office hours to support student comprehension of ecological concepts	
<i>EFB 120 The Global Environment and the Evolution of Human Society</i>	Spring 2019
- Guided undergraduate students in small group projects integrated within their communities	
Cranberry Lake Biological Station, Adirondack Park NY	
Course Instructor	Summer 2019
- Developed and taught a course on field mycology and fungal ecology	
MELNHE Project (SUNY ESF), Bartlett NH	
Field Crew Leader	Summer 2018, 2019
Field Researcher	Summer 2017
- Collaborated with 15 researchers to study nutrient responses in the White Mountains National Forest	
Loyola University of Chicago Institute of Environmental Sustainability, Chicago IL	
Undergraduate Researcher	2015 – 2017
George Jones Farm and Nature Preserve	
Assistant Farm Manager, Assistant Education Director	Summer 2016

AWARDS AND COMPETITIVE GRANTS FUNDED

Lowé Wilcox Scholarship. \$11,500 total.	2017, 2018, 2019
SUNY ESF Graduate Student Association Travel Grant. \$356.	2019
SUNY ESF Graduate Student Association Travel Grant. \$250.	2018
SUNY ESF Graduate Student Employees Union Professional Development Award. \$400.	2018
Edna B. Sussman Foundation Graduate Intern. \$7,500.	2017
Mulcahy Fellowship, Loyola University College of Arts and Sciences. \$2,000.	Spring 2016

ORAL AND POSTER PRESENTATIONS

- Victoroff, C.V. – Fruiting response of ectomycorrhizal fungi to nutrient additions in Bartlett Experimental Forest, New Hampshire. Master’s Capstone Presentation. Syracuse, NY. April 2020.
- Victoroff, C.V., Horton, T.R., Yanai, R.D. – Fruiting response of ectomycorrhizal fungi to nutrient additions in Bartlett Experimental Forest, New Hampshire. Mycological Society of America Meeting. Minneapolis MN. August 2019.
- Victoroff, C.V., Giovati A.S., Hilmarsdóttir-Puetzer N.A.E, Ruschmeyer, S., Whalen, C., Horton, T.R. – Initial analysis of ectomycorrhizal sporocarp production in nutrient manipulated stands in Bartlett, NH. MassMyco. Boston, MA. October 2018
- Victoroff, C.V., Potter, G., Castracane, J., Horton, T.R. – Investigating resource allocation by *Pinus strobus* seedlings inoculated with three mycorrhizal symbionts: *Suillus brevipes*, *Rhizopogon cf. rubescens*, and *Phiolocephala fortinii* 11th International Mycological Congress. San Juan, PR. July 2018.
- Victoroff, C.V., T.R. Horton, R.D. Yanai. – Fruiting response of ectomycorrhizal fungi to nutrient additions in Bartlett Experimental Forest, NH. Northeast Natural History Conference. Springfield, MA. April 2019
- Victoroff, C.V., Giovati A.S., Hilmarsdóttir-Puetzer N.A.E, Horton, T.R. – Fruiting response of ectomycorrhizal fungi to nutrient additions in northern hardwood forests. Hubbard Brook Collaborators Meeting, North Woodstock, NH. July 2019.
- Victoroff, C.N., Yanai, R.D., Horton, T.R. – Will *Claudia* find any mushrooms by mid-July? Hubbard Brook Collaborators Meeting, North Woodstock, NH. July 2017.

EXTRACURRICULAR WORK AND VOLUNTEER EXPERIENCE

International Congress of Armenian Mycologists	
<i>Founding Member</i>	2020 – present
CWRU Community Concerns Reporting System Committee	
<i>Graduate Student Member</i>	2020 – present
Syracuse Childcare Collective	
<i>Volunteer</i>	2017 – 2020
Onondaga Nation School	
<i>Volunteer Lecturer</i>	2018, 2019
Central New York Regional Science Fair	
<i>Volunteer Judge</i>	2019
Girls Summit – A Hands-On STEM Career Exploration Day	
<i>Volunteer</i>	2018
LUC Mycology Club	
<i>Vice President, founding member</i>	2015 – 2017
LUC Student Environmental Alliance	
<i>Campus Activities Network Representative</i>	2015 – 2016
<i>Member</i>	2013 – 2017

EXPERTISE

Lab Skills

Production of fungal cultures; use of molecular approaches to identify fungi; edible mushroom propagation and management; use of aseptic technique; fungal morphotyping; use of compound and dissecting microscope

Field Skill

Soil analysis using LI-COR; field navigation and leadership; outdoor safety, leadership, and education; plant propagation and management; identification and severity ranking of Beech Bark disease

Computer Skills

Proficient in Microsoft Office 2007, 2010, 2013, 2016, R Studio, SAS, SAS University, and QGIS

REFERENCES

David Burke, Holden Arboretum
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Thomas R. Horton, SUNY ESF
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