**Christine M. Favorito**

christinemfavorito@gmail.com

**EDUCATION**

Master of Science, January 2020 – August 2022

University of Georgia, Athens, GA

Warnell School of Forestry and Natural Resources

GPA: 4.0

Bachelor of Science in biology, Class of 2018

The George Washington University, Washington, DC

GPA: 3.86

Summa Cum Laude

**PROFESSIONAL EXPERIENCE**

The Jones Center at Ichauway

*Research Technician II, Entomology Lab*

June 2022 – Present

* Insect collection as part of a long-term monitoring project
* Trapping, sorting, processing, pinning, and identifying bees native to the Southeastern US

University of Georgia Warnell School of Forestry and Natural Resources, Athens, GA

*Graduate Research Assistant, Gandhi Forest Entomology Lab*

January 2020 – June 2022

* Research project pertaining to native bees in managed pine forests
* Setting up a research project working with academic and private industry stakeholders
* Two field seasons collecting bees
* Identifying over 5,000 bees native to the Southeastern US

Flat Rock Brook Nature Center, Englewood, NJ

*Educator*

October – December 2019

* Lead school programs on local plant and animal life and geology
* Educational outreach events in the community
* Presented about live reptiles and amphibians to children

NJDEP AmeriCorps Watershed Ambassador Program, Hackensack, NJ

*Watershed Ambassador*

September 2018 – July 2019

* Performed over 50 stream assessments and collected macroinvertebrate data
* Presented to over 100 schools and community groups about watershed stewardship
* Planned and executed 7 community projects including 5 waterbody cleanups removing over 100 bags of trash
* Engaged over 250 volunteers in the community
* Lead 5 stream assessment workshops for community members

The George Washington University, Washington, DC

*Undergraduate Research Assistant and 2018 Harlan Summer Research Fellow, Powell Lab*

August 2017 – August 2018

* Turtle ant geometric morphometric project examining the relationship between soldier head discs and their nest entrances
* Imaged and analyzed over 100 heads and 500 nest entrances

The School for Field Studies, Centre for Rainforest Research, Queensland, Australia

*Student*

July - August 2017

* Techniques in Rainforest Research course
* Performed bird surveys and used data to evaluate a rainforest restoration project

Smithsonian’s National Museum of Natural History, Washington, DC

*Laboratories of Analytical Biology (LAB)* *Intern* September 2016 - May 2017

* Assisted Dr. Nikki Vollmer in her work concerning dolphin population genetics
* Analyzed over 300 dolphin tissue samples for population structure

**PRESENTATIONS**

**Southern Forest Insect Work Conference,** June 2022

Talk: How do stand-level characteristics affect native bee populations and communities in working forests?

**The Annual Warnell Graduate Student Symposium,** February 2022

Talk: Stand-level characteristics affect native bee populations and communities in working forests

**National Council for Air and Stream Improvement, Inc Pollinator Webinar**, January 2022

Talk: Evaluating relationships between stand-level attributes and native bee pollinators in working forests

**The Wildlife Society Annual Conference**, November 2021

Poster: Elucidating stand-level characteristics critical for maintaining insect pollinators in working forests

**Entomological Society of America Annual Meeting,** November 2021

Talk: Evaluating relationships between stand-level attributes and native bee pollinators in working forests

**North American Forest Insect Work Conference,** May 2021

Poster: Elucidating stand-level characteristics critical for maintaining insect pollinators in working forests\*

\*Second place student poster winner

**The Annual Warnell Graduate Student Symposium,** February 2021

Talk: Effects of stand-level characteristics on insect pollinator populations and communities in managed forests

**National Council for Air and Stream Improvement, Inc Pollinator Webinar**, January 2021

Talk: Effects of stand-level characteristics on insect pollinator populations and communities in managed forests

**New Jersey Department of Environmental Protection Watershed Ambassador Poster Session**, June 2019

Poster: Must be the Season of the Midge: Benthic macroinvertebrates in WMA 5

**Fairleigh Dickinson University Biology Department Seminar Series,** February 2019

Talk: People and Pollution: Water quality issues in the Hackensack River watershed

**George Washington University Harlan Fellow Poster Session**, September 2018

Poster: A right head for the right hole: A comparative morphometric analysis of soldier head-discs and nest entrances in turtle ants

**Southeast and Mid-Atlantic Marine Mammal Symposium**, April 2017

Poster: An ocean of data: analysis of *Lagenorhynchus acutus* genetic population structure in the North Atlantic

**AWARDS**

* Martha Love May Memorial Scholarship, University of Georgia 2021-2022
* Warnell Young Alumni Travel Award, University of Georgia 2021
* Graduate research assistantship, University of Georgia, 2020-2022
* Harlan undergraduate research fellowship, George Washington University, 2018
* Presidential scholarship, George Washington University, 2014 - 2018

**EXTRA-CURRICULAR INVOLVEMENT**

**Environmental Education Club @ UGA**:

President

August 2021 – May 2022

Vice President

August 2020 – May 2021

**Warnell Graduate Student Association:**

Treasurer

August 2021 – May 2022

Graduate Affairs Committee Representative

August 2021 – May 2022

**UGA Pollinator Committee**:

Committee Member

January 2020 – May 2022

**FIELD SKILLS:**

* Pollinator collection using pan and blue vane traps
* Forestry measurement techniques
* 4 x 4 vehicle operation
* Macroinvertebrate collection
* Macroinvertebrate identification to order
* EPA rapid bioassessment protocol for stream assessments
* Water quality chemical testing (phosphates, nitrates, dissolved oxygen, pH)

**LAB SKILLS:**

* Native bee identification
* Insect specimen preparation: storing and pinning
* Geographic Information Systems (GIS)
* R statistical software
* Microsoft Office
* Preparation/dissection of ant specimens
* Live ant care
* Using Keyence microscope imaging system
* ImageJ morphological measurements
* DNA extraction, PCR, running gels

**CERTIFICATIONS**:

Project WET water education curriculum

CPR/AED/ First AID