**Christine M. Favorito**

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[Google Scholar](https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AH70aAVWkjlZKhCmOMwU1U2B5MfgL16l16q2ep5KQYgPfK4f1S8rRzBeJM1Rk7k9SJrI07LH-KtK8zbmlU8ff9x407_S&user=QNT6GFUAAAAJ)

**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, Newton, GA

*Research Associate I, Forest Entomology & Microbiology Lab*

August 2023 – Present

* Supervision of seasonal and research technicians
* Managing a forest entomology lab
* Insect collection as part of a long-term monitoring project
* Trapping, sorting, processing, pinning, and identifying bees native to the Southeastern US
* Reintroduction of an imperiled species (the frosted elfin butterfly*, Callophrys irus*)

The Jones Center at Ichauway, Newton, GA

*Research Technician II, Forest Entomology & Microbiology Lab*

June 2022 – August 2023

* Insect collection as part of a long-term monitoring project
* Trapping, sorting, processing, pinning, and identifying bees native to the Southeastern US
* Reintroduction of an imperiled species (the frosted elfin butterfly*, Callophrys irus*)

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

**PUBLICATIONS**

**Favorito, C.M.,** B.F. Barnes, E.L. Briggs, C.C. Fortuin, D.U. Greene, A.L. Larsen-Gray, J.A. Martin, E. McCarty,

and K.J.K Gandhi. 2023. Stand stage affects wild bee communities in working pine forests. *Forest Ecology and Management* 545(121247) <https://doi.org/10.1016/j.foreco.2023.121247>

Schweitzer, C, M Varner, D Dey, T Keyser, M Baumflek, **C Favorito**, T Sheehan, K Klepzig, A Watts, L Pile-

Knapp, C Harper, C Moorman, J Willis, J Kabrick, A Conrad. 2023. Fire Effects in Contemporary Eastern Forests. In Prescribed Fire for Ecosystem Resilience in the 21st Century. National Prescribed Fire Assessment. USDA Forest Service.

**PRESENTATIONS**

**Entomological Society of America Annual Meeting**, National Harbor, MD, November 2023

Talk: First reintroduction of the imperiled frosted elfin butterfly to Georgia

**Southern Forest Insect Work Conference**, Raleigh, NC, July 2023

Symposium Organizer: The good, the bug, and the not-so-ugly: Beneficial insects in forests

Talk: The good, the bug, and the not-so-ugly: Beneficial insects in forests: An overview

**National Council for Air and Stream Improvement, Inc Eastern Biodiversity Working Group**, online, April 2023

Invited Talk: Pollinator habitat relationships in working forests

**National Council for Air and Stream Improvement, Inc Forestry Webinar**, online, January 2023

Invited Talk: Pollinator communities in working pine forests in Georgia

**The Wildlife Society Annual Conference,** Spokane, WA, November 2022

Invited Talk: Do stand-level characteristics affect native bee populations and communities in working pine forests?

**Protecting Pollinators in Urban Landscapes**, Athens, GA,October 2022

Poster: Blooms on a Bee Campus: Pollinator Resources at UGA

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

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

**The Annual Warnell Graduate Student Symposium,** Athens, GA, 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**, online, January 2022

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

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

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

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

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

**North American Forest Insect Work Conference,** online, 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,** online, 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**, online, January 2021

Invited 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**, Trenton, NJ, June 2019

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

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

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

**George Washington University Harlan Fellow Poster Session**, Washington, DC, 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**, Beaufort, NC, April 2017

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

**SELECTED OUTREACH**

September 2023 Wings, Water, and Wildlife Festival, Albany, GA

March 2023 Jones Center Open House, Newton, GA

March 2022 High Shoals Elementary School STEM Night, Bishop, GA

November 2021 UGA Farm to Market, Athens, GA

April 2021 UGA Campus Pollinator Census, Athens, GA

November 2019 Maywood Green Fair, Maywood, NJ

June 2019 Environmental Stewardship Training, Tenafly, NJ

June 2019 Tenafly Nature Center Nature Day, Tenafly, NJ

March 2019 Super Science Saturday, Ridgewood, NJ

December 2018 Temple Avodat Shalom Mitzvah Day, River Edge, NJ

October 2018 River Vale Town Day, River Vale, NJ

**WORKSHOPS ATTENDED**

2023 Alan Alda Center for Communicating Science Workshop, Newton, GA

2022 Protecting Pollinators in Urban Landscapes Bee ID Workshop, Athens, GA

2018 Project WET (Water Education Today), Pittsgrove, NJ

**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

**UGA H.O. Lund Club:**

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

**PROFESSIONAL MEMBERSHIPS**

Entomological Society of America

Southern Forest Health Work Conference

Wildlife Society