

Averie St.Germaine

PhD student, University of Massachusetts, Boston

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averie.science

EDUCATION

University of Massachusetts at Boston - *PhD in Environmental Biology*

2022 - PRESENT

Advisor: Mayra Vidal

University of Massachusetts at Boston - *B.S. in Biology with Honors*

2017 - 2020

RESEARCH EXPERIENCE

University of Massachusetts, Boston - *PhD student, PI: Mayra Vidal*

2022 - PRESENT

Impact of climate change on mutualistic species interactions

- Insect rearing, behavioral analysis, statistical modeling

Broad Institute, Cambridge MA - *Lab Technician*

2020 - 2021

Covid 19 sample processing and testing

- Human DNA sample management, qPCR

University of Massachusetts, Boston - *Undergraduate Researcher*

2019 - 2020

Testing for Wolbachia and Dengue in mosquitoes

Advisor: Douglas Woodhams and Amanda Tokash-Peters

- RNA extraction and amplification, virological testing

AWARDS

2023: Nancy Goranson Endowment Fund (\$1,000)

2023: UMass Boston Professional Development Grant (\$400)

2023: Herbert Lipke Travel Award (\$400)

2023: Sigma Xi Excellence in Research Grant (\$ 1,000)

2017-2019: UMass Boston Grant (\$ 26,500)

2014: John and Abigail Adams Scholarship

UNDERGRADUATE HONORS THESIS

Sphingidae Morphology: Diversity of Color and Pattern in Defensive and Aggressive Mimicry

University of Massachusetts at Boston (2020)

Advisor: Robert Stevenson

TEACHING EXPERIENCE

Osher Lifelong Learning Institute - *Learning Ecology through Art*

Teacher

Spring 2024

University of Massachusetts at Boston - *Animal Behavior Lab, Animal Physiology Lab*

Teaching Assistant

2022 - 2023

Everett High School, Everett MA - *Grade 9 Honors Biology Teacher*

2021 - 2022

Boston Partners, Boston MA - *Algebra 2 in class Tutor*

2018 - 2019