

Julia LeBlanc

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Education

Arizona State University - *Masters in Coastal and Marine Science and Management*

SEPTEMBER 2024 - MAY 2026

- Current GPA: 4.0/4.0

Swarthmore College - *B.S in Biochemistry, Minor in Philosophy*

AUGUST 2019 - MAY 2023

- Cumulative GPA: 3.7/4.0

Work Experience

Pet care associate - *Petsmart, Niskayuna NY*

AUGUST 2024 - PRESENT

- Regular care for birds, small mammals, and reptiles
- Maintenance of commercial fish tanks
- Administered veterinary care to sick and injured animals

Research assistant - *Playa Blanca, Costa Rica*

FEBRUARY 2024 - MAY 2024

- Caught, measured, and tagged hawksbill and green sea turtles to analyze population
- Cared for turtles in rehabilitation center including tank maintenance, feeding, and application of medications
- Directed and educated volunteers on sea turtle conservation

Research internship - *Tofo, Mozambique*

SEPTEMBER 2023 - NOVEMBER 2023

- Collected data and conducted activities to support research and conservation efforts
- Monitored shark and ray demographics and behavior through sampling and photography
- Monitored the condition of the coral reefs and indicator species of reef fish

Undergraduate researcher - *Swarthmore College, PA*

MAY 2021 - MAY 2023

- Developed aluminum diimine catalyst for use in atom transfer radical polymerization
- Investigated electrochemistry, effectiveness, and control of said catalyst
- Utilized multiple polymerization systems at Texas A&M University under Emily Pentzer
- Paper presented at the American Chemical Society Spring 2023 Conference

Research semester abroad - *School for Field Studies, Turks and Caicos Islands*

JANUARY 2022 - MAY 2022

- Collected and measured queen conch as part of a governmental population survey
- Surveyed coral recruits and juvenile fish populations
- Filmed and analyzed behavior, substrate, and body patterning of nocturnal octopus

Laboratory teaching assistant - *Swarthmore College, PA*

JANUARY 2023 - MAY 2023

- Taught second year undergraduate students in a biochemistry laboratory

Animal care technician - *Swarthmore College, PA*

SEPTEMBER 2021 - DECEMBER 2021

- Fed, watered, and cleaned tanks for various laboratory animals
- Experience with multiple types of rodents, reptiles, and amphibians
- Assisted in milking of degus

Large animal veterinary intern - *Short Hill Farm, Charlton NY*

MAY 2018 - AUGUST 2018

- Assisted in daily care tasks for thoroughbred horses
- Assisted in application of medications before horse races

Activities & Volunteerism

PADI advanced open water certification

AUGUST 2015 - PRESENT

- Over 100 logged dives
- Nitrox certification
- Over 40 scientific dives including filming, surveys, transects, and other research skills

Niskayuna Community Book Project - *Schenectady NY*

Co-founder

2013 - PRESENT

- Collected children's books for donation to free health care clinics in Albany, Schenectady, and Troy
- Collaborated with Reach Out and Read and the Red Bookshelf organization to improve early childhood literacy in low income communities

Swarthmore Mock Trial - *Swarthmore College*

MARCH 2021 - MAY 2023

- President and captain in the 2022-2023 season
- Participated in the Opening Round Championship Series in 2023