

DAVID GOODMAN

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EDUCATION

Oxford University , Oxfordshire, England <i>Master of Science, Biodiversity, Conservation, and Nature Recovery</i>	October 2025 - November 2026
Dartmouth College , Hanover, NH <i>Bachelor of Arts, Major in Biology with a focus in Ecology; Major in Anthropology</i>	September 2018 - June 2023 GPA 3.86/4.0
Dartmouth Study Abroad Program , Costa Rica	January-March 2023
High School , Tower Hill School, Wilmington, Delaware	Graduated June 2018, GPA 4.40

RESEARCH EXPERIENCE

International Bird Conservation Partnership , Benin, Togo, and Ghana <i>Field Researcher for NGO working in bird conservation</i> <ul style="list-style-type: none">Conducted ornithological surveys across Benin, Togo, and Ghana, executing transect, wet market, and slaughterhouse surveys to assess the conservation status of many endangered species across the region.Interviewed stakeholders in West African conservation, including voodoo priests, poachers, and conservationists in order to develop a durable conservation strategy that benefited all stakeholders.Engaged in culturally sensitive research conducted in French, improving my ability to navigate complex and high-risk research environments.Authored an IUCN briefing on research findings and drafted a grant proposal aimed at establishing a protected area in southwest Benin, currently co-authoring academic paper on Vulture biogeography in Togo	July 2024-September 2024
University of Florida , Madagascar <i>Field Assistant</i> <ul style="list-style-type: none">Conducted fieldwork on Goodman's Mouse Lemurs in Madagascar, including trapping, sample collection, and morphometric analysis, contributing data for antimicrobial resistance and population genetics studies.Extracted DNA from over 100 field samples in a wet lab, refining my lab skills while preparing samples for shipment and downstream analysis in the United States.Translated between Francophone and Anglophone team-members, facilitating collaboration between the University of Florida team, local veterinarians, and graduate students.	June 2024-July 2024
Save Our Springs Alliance , Texas <i>Field Researcher</i> <ul style="list-style-type: none">Conducted point count surveys for a large-scale landscape study on Golden-Cheeked Warblers, contributing to critical conservation research aiming to prevent the species from being delisted as endangered.Collected data while camping in remote areas, utilizing GPS navigation and reinforcing expertise in field safety and field survey techniques.	March 2024-May 2024
Independent Research , Little Cayman Island <i>Field Researcher</i> <ul style="list-style-type: none">Surveyed the under-described Vitelline Warbler, collecting data via transects, sound recordings, behavioral observations, and vegetation surveys to expand knowledge of the species' natural history.Co-authored a paper analyzing the warbler's songs and calls, currently undergoing second-round revisions for submission to <i>PLOS ONE</i>.	March 2023-January 2025
Dartmouth Study Abroad , Costa Rica and Little Cayman Island <i>Field Researcher</i> <ul style="list-style-type: none">Designed and executed ecological experiments across diverse biomes in Costa Rica and Little Cayman Island, honing skills in experimental design and field execution.Co-authored 7 academic papers, strengthening skills in scientific writing, data analysis, and revision in the context of peer-reviewed publications.	January 2023-March 2023
Hubbard Brook Experimental Forest , New Hampshire <i>Research Assistant</i> <ul style="list-style-type: none">Designed and implemented an ArcGIS Online strategy for collecting data to map territorial songbird ranges, streamlining data collection for a PhD candidate and strengthening my spatial analysis skills.Trained field assistants in GIS tools for precise data collection and developed ArcGIS skills, including layer creation, polygon mapping, and geospatial data management.	January 2022-March 2022
Independent Research , New Hampshire and Syria <i>Researcher</i> <ul style="list-style-type: none">Conducted a remote-sensing survey on Roman forts in Syria using ArcGIS and satellite imagery, revealing that a pattern previously assumed to be a military installation was actually designed to facilitate trade.Discovered 96 previously unknown Roman forts, contributing to a paper published in <i>Antiquity</i>.	June 2020-March 2021

- Gained expertise in GIS software and satellite imagery analysis, including orthorectification, layer integration, and raster file manipulation.

PUBLICATIONS NOTE: ALL PAPERS PUBLISHED IN *DARTMOUTH STUDIES IN TROPICAL ECOLOGY 2023* ARE NOT PEER-REVIEWED.

- Goodman, D. D., Casana, J., & Ferwerda, C. (2023). A wall or a road? A remote sensing-based investigation of fortifications on Rome's eastern frontier. *Antiquity*, 97(396), 1516-1533. <https://doi.org/10.15184/aqy.2023.153>
- Goodman, D. D., Singer, K., Cummings, W., Thompson, W., & Layne, C. Characteristics of Vitelline Warbler songs and calls: Novel acoustic descriptions of a range-restricted Caribbean songbird (*Setophaga vitellina*). *PLOS ONE*. <https://doi.org/10.1371/journal.pone.0312636>
- Goodman, D. D., et al. (2023). To Flee or Not to Flee: Predator Avoidance in Two Costa Rica Tree Frogs (*Dendropsophus microcephalus* and *Scinax staufferi*). *Dartmouth Studies in Tropical Ecology 2023*.
- Goodman, D. D., et al. (2023). "It's All Trees to Me!": Riparian and Upland Habitats Support Similar Avian Biodiversity in a Neotropical Wet Forest. *Dartmouth Studies in Tropical Ecology 2023*
- Goodman, D. D., et al. (2023). A Lichen is a Lichen: Effects of Elevation and Light Availability on the High Elevation Lichen Community of Cuerici. *Dartmouth Studies in Tropical Ecology 2023*.
- Goodman, D. D., et al. (2023). Tapirs are not Gomphotheres: Testing the Efficacy of Tapirs as Megafaunal Dispersers. *Dartmouth Studies in Tropical Ecology 2023*.
- Goodman, D. D., et al. (2023). Preferences of Neotropical Birds for Native and Non-Native Plants. *Dartmouth Studies in Tropical Ecology 2023*.
- Goodman, D. D., et al. (2023). Damsels in Distress? Damselfish Territoriality Between Coral Reef Habitats. *Dartmouth Studies in Tropical Ecology 2023*.
- Goodman, D. D., et al. (2023). "The Best Nest Test in the West (Indies)": Comparing Characteristics of Potential and Confirmed Sea Turtle Nesting Beaches. *Dartmouth Studies in Tropical Ecology 2023*.

AWARDS

2017, WARNER BOOKER AWARD – ONE YEAR SCHOLARSHIP GIVEN TO BOY WITH HIGHEST CUMULATIVE GPA AT THE END OF JUNIOR YEAR.
2017, DARTMOUTH ALUMNI BOOK CLUB AWARD – GIVEN TO STUDENT IN THEIR JUNIOR YEAR FOR INTELLECTUAL LEADERSHIP
2017, WRITING ACHIEVEMENT AWARD – GIVEN TO HIGH-SCHOOL STUDENT WITH AN OUTSTANDING ACADEMIC PAPER
2019, DARTMOUTH WRITING CITATION – AWARDED TO STUDENT WHO SHOWS ACADEMIC EXCELLENCE IN A FIRST-YEAR WRITING SEMINAR
2020, DARTMOUTH NEUKOM RESEARCH GRANT – AWARDED TO STUDENT TO FUND RESEARCH WITH A COMPUTATIONAL COMPONENT
2020, DARTMOUTH JAMES O. FREEDMAN PRESIDENTIAL SCHOLAR – RESEARCH GRANT AND AWARD GIVEN TO HIGH-GPA STUDENTS
2023, DARTMOUTH STUDENT EMPLOYMENT ESSAY CONTEST – AWARDED TO DARTMOUTH STUDENT EMPLOYEE WITH THE BEST ESSAY
2023, DARTMOUTH CUM LAUDE – AWARDED TO DARTMOUTH GRADUATES WITH HIGH CUMULATIVE GPAS

SKILLS AND INTERESTS

Technical Skills: programming (Python, Java, R), GIS software, lab skills (DNA extraction, pipetting, chemistry)

Field Skills: transects, point counts, quadrat sampling, methods in field archaeology, satellite landscape surveys, GPS navigation and orienteering, remote field camp setup and maintenance

Languages: English (native), French (fluent, C2), Spanish (intermediate, B2)

Interests: spatial ecology, conservation, reintroduction and rewilding, ornithology, large carnivores, remote-sensing, GIS

ADDITIONAL EXPERIENCE

Emergency Medical Technician, New Hampshire, USA **October 2020-January 2025**

- Trained for and obtained American EMT (ambulance medic) license, working with Dartmouth EMT service for 2 years, responded to medical emergencies and participated in regular training to maintain proficiency.

Wilderness EMT Licence, Grand Canyon, Arizona **June 2021-January 2025**

- Completed 80-hour wilderness medic training and exam, becoming qualified to participate in wilderness medical rescues.

English Teacher, Tulle, France **September 2023**

- Taught English at an apprentice school in rural France, enhancing teaching and communication skills

Ceramics Assistant, New Hampshire **September 2022-May 2023**

- Assisted in the management of a ceramics studio, providing guidance on student ceramic work while maintaining studio organization and equipment, developed organizational and teaching skills.

Ski Instructor, Lyme, New Hampshire and Aspen, Colorado **January 2019-April 2021**

- Worked as a part-time ski instructor at Dartmouth Skiway and a full-time ski instructor at Aspen Ski School, taught children and adults of all levels, enhanced teaching and communication skills.