

Fiona Eve Jeweler

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Environmental Studies B.S. candidate with hands-on field research and data analysis experience. Proficient in RStudio, ArcGIS and passionate about wildlife conservation, environmental consulting, and sustainability.

EDUCATION

The University of California, Santa Barbara

Santa Barbara, CA

Bachelor of Science in Environmental Studies

Expected Graduation: June 2025

- **GPA:** 3.89/4.0
- **Key Coursework:** Social, Cultural, and Biophysical Environmental Sciences, Principles of Environmental Planning, Low Carbon Societies, Channel Islands Ecology and Geography, Introduction to GIS, Statistics for Environmental Systems, Conservation Planning
- **Awards:** Dean's List (multiple quarters)

Pontificia Universidad Católica De Chile

Villarica, Chile

Socio-Ecological Sustainability International Study Abroad Program

September - December 2023

- **Key Coursework:** Field Methods for Examining Socio-Ecological Systems, Planning for Local Sustainability in a Global Age, LATAM Biodiversity Conservation, Conservation of Forest Ecosystems and Wildlife
- Learned and utilized field methods (tree transects, camera trapping, participatory mapping, free listing, avian ecology) to study socio-ecological systems.
- Collaborated on a research project examining the social phenomenon of land fragmentation and changing human-wildlife interactions in the Huife Watershed.

University of Queensland

Brisbane, Australia

Marine Biology and Terrestrial Ecology International Study Abroad Program

March - June 2021

- **Key Coursework:** Marine and Conservation Biology, Terrestrial Ecology
- Deployed baited underwater cameras and chain-tape methods to assess reef rugosity and coral composition.
- Completed research on intertidal invertebrate interactions with plastics and reef structure variations around Heron Island.
- Implemented different analysis skills, including the use of R Studio to create graphs and quantify data results.

EXPERIENCE

Senior Thesis

Santa Barbara, CA

Raccoons and Refuse: Evaluating Food Waste Management Practices at UCSB and Their Implications for Raccoon Behavior, Ecology, and Health

September 2024 - Present

- Researched wildlife ecology and food waste strategies to design and execute a camera trap study examining raccoon interactions with trash around different campus waste bins; used RStudio for data analysis and visualization.
- Presented recommendations to faculty and campus facilities staff, informing waste management improvements.

The Wildlife Society at UCSB

Santa Barbara, CA

Community Engagement Officer

June 2024 - Present

- Organize bi-weekly meetings and recruitment events, helping to increase membership.
- Coordinate educational workshops with wildlife experts to connect students with hands-on volunteer and outdoor activities.

Department of Public Worms - Associated Students

Santa Barbara, CA

Worm Wrangler

June 2024 - Present

- Oversaw compost operations (collecting, sorting, and maintaining food waste) and managed an on-campus edible garden.
- Promoted DPW's mission by leading workshops and campus events.

ECOTONE

Santa Barbara, CA

Laboratory Technician

October 2022 - June 2024

- Identified wildlife in camera trap footage using Wildlife Insights and Animl, contributing to comprehensive ecological data.

- Assisted in various field trips to ensure the maintenance of the camera equipment.

Environmental Leadership Incubator Course

Santa Barbara, CA

Student Environmental Leader

September 2022 - June 2023

- Led a year-long project to increase bat presence in Isla Vista through native garden installations; secured grants from Coastal Fund and TGIF to fund materials and outreach.
- Demonstrated leadership by independently working on the project, planning meetings, presenting to the class, and acquiring a mentor.
- Learned to identify different native plants and connected with professions in the field who offered insights and advice.

PROFESSIONAL DEVELOPMENT

Riparian Bird Survey Workshop – *The Central Coast Chapter of The Wildlife Society*

Learned avian field identification, surveying techniques, and regulatory frameworks for bird monitoring in California.

Wildlife Study Site Assessment

Accompanied a wildlife biologist on a professional field site assessment to learn species detection methods, habitat evaluations, and permitting considerations in a consulting context.

SKILL & INTERESTS

Skills: Proficient in RStudio, ArcGIS, Microsoft Office Suite (Excel, Word, & PowerPoint)

Languages: English (Fluent), Spanish (Professional)

Licenses & Programs: First Aid and CPR Certification

Interests: Field Work, Environmental Consulting, Mammalian Ecology, Conservation Biology, Human-Wildlife Interactions