

# ANNA CALLE

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## EDUCATION

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**Master of Environmental Science and Management** (Expected June 2020)

**Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)**

Specialization: Conservation Planning

Focus: Environmental Data Science

Master's Thesis Group Project: Assessing Brazil's Marine Aquaculture Potential

Highlighted Coursework: Data Analysis, Advanced Data Analysis, GIS, Computing for Environmental Science and Management

**Bachelor of Science in Environmental Studies** (June 2018)

**University of California, Santa Barbara (UCSB)**

Minor: Statistical Science

Scholarship: \$250,000 from Ecuador Secretariat of Higher Education, Science, Technology and Innovation

## ENVIRONMENTAL EXPERIENCE

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**Climate Change Mitigation, Agroforestry, and Forest Conservation Intern** (6/19-Present)

**Yakum, Tena, Ecuador**

- Collected geospatial data on reforestation and community resources in the field using a GPS unit.
- Processed field data and developed reforestation maps in 4 indigenous communities utilizing QGIS software.
- Assisted in planning, budgeting, and writing of two proposals to fund reforestation projects in a Kichwa and Shuar community.
- Conducted nursery/planting work of native fine hardwoods and fruit trees during visits to indigenous communities.

**Snowy Plover Docent** (10/15-8/16 and 7/18-3/19)

**Coal Oil Point Reserve (COPR), Santa Barbara, CA**

- Educated visitors about conservation efforts at COPR to protect the Western Snowy Plover; provided information on natural history, population status and biology of snowy plovers.
- Recorded observations on beach usage, interactions with visitors, and disturbance of the plovers.
- Trained and supervised four new interns during 2-hour practice shifts.

**Seabird Habitat Restoration Intern** (8/17)

**California Institute of Env. Studies, Channel Islands National Park, CA**

- Prepared and maintained restoration plots by removing non-native plant species to increase suitable habitat for nesting seabirds; performed manual and chemical weed management.
- Carried out nursery production and plant care tasks for 10+ native species including seed starting, seedling care, and plant propagation.

## **ENVIRONMENTAL EXPERIENCE [Continued]**

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### **Restoration Intern (4/17-9/17)**

**Coastal Fund and Storke Ranch Homeowners Association**, Santa Barbara, CA

- Improved 10 acres of degraded wetland ecosystem under the guidance of a conservation biologist; controlled invasive non-native plants and enhanced populations of native plants.
- Conducted quadrat sampling to determine composition and abundance of plant species in vernal pools.
- Identified 50+ native and non-native plants present in wetland habitats in California.

### **Nancite Sea Turtles Conservation and Research Program Volunteer (6/16)**

**Int'l Student Volunteers**, Santa Rosa National Park, Costa Rica

- Monitored sea turtle populations at night with experienced biologists and local research assistants.
- Collected data on nesting sea turtles; attached and recorded flipper tags for sea turtle identification.
- Conducted diurnal surveys on jaguar predation; recorded data on predated sea turtle carcasses including geographic coordinates.

## **LEADERSHIP & COMMUNITY INVOLVEMENT**

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### **UCSB for Ecuador Fundraising Campaign (4/16–5/16)**

Created initiative to promote solidarity for Ecuador after the 2016 earthquake; contributed \$1,400 to rebuilding houses for people with vision impairments that lost their homes.

### **Leadership Training Certification – National Society of Leadership and Success (12/15)**

Completed professional communication assessment (DiSC) and Success Networking Team meetings (SNTs)

### **Doctor Oswaldo Loor Foundation**, Portoviejo, Ecuador (6/13–8/13)

Performed visual acuity tests, prescribed lenses and distributed medicines in secluded educational centers and rural communities; assisted in prescribing visual aids and training patients on how to use them.

## **SKILLS & ACTIVITIES**

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**Computer:** R, R Markdown, Microsoft Office (Word, Excel, PowerPoint), ArcGIS, QGIS, Basic HTML and CSS

**Language:** Fluent in English and Spanish

**Communication:** Strong writing and presentation skills; completed Writing for Environmental Professions course

**Volunteer Award:** President's Volunteer Service Award (100+ volunteer hours in a year) (2016)

**Involvement:** National Society of Leadership and Success Member (9/15–Present)