

ANNA CALLE

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EDUCATION

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

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]

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

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

Computer: Microsoft Office (Word, Excel, PowerPoint), R, R Markdown, Shiny, 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)