

# DALILA N. LARA

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## EDUCATION

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

Expected June 2023

Master's of Environmental Data Science, Bren School of Environmental Science & Management, UCSB

Bachelor of Arts, Biological Anthropology & Global Studies - UCSB

June 2022

## RESEARCH EXPERIENCE

### Intern, Smithsonian Office of Chief Information Officer Data Science Lab, Remote, CA

June 2021-August 2021

- Programmed Unix Shells to align, sort, and organize genetic DNA sequence and build gene tree
- Applied R-Code, and learned Python to explore large data sets for each sample
- Manipulated and analyzed 600+ data sets with large data samples

### Data Science Intern, National Park Services (NPS), Remote, CA

March 2021-June 2021

- Analyzed data sets and visualized findings using R-Code language
- Collaborated with team to study NPS data and systematize findings
- Produced infographics and graphs to publicize the statistical analysis findings

### Field Crew, UCSB Smithsonian Scholars Program, Santa Barbara, CA

January 2019-January 2021

- Monitored camera traps used to track the endemic Channel Island Spotted Skunk
- Led field crew in camera trap deployment and data collection protocol
- Conducted field work with diverse team in a remote setting
- Recorded data in data base and analyzed using R-Code

### Participant, Early Research Experience Smithsonian Summer Program, Panama

August 2019

- Participated in intensive two-week summer program that introduced R-Coding program, and conservation research
- Learned about field research methods, camera traps, audio moth, and bioacoustics
- Studied diverse fauna and flora
- Conducted short-term field research project with a team of 4

### Intern, Medici Archive Project, Florence, Italy

August 2021-December 2021

- Conducted digitization of letters and documents of the Italian Medici family dating from 1537-1743
- Presented my background and research purposes in Italian to access the files in the Italian National Archive
- Transitioned physical files to platform that contains 26,000 transcribed documents available to scholars around the globe

## PROFESSIONAL EXPERIENCE

### Promise Scholar Advisory Board, UCSB, Santa Barbara, CA

#### Executive Co-Chair and Co-Founder

September 2020-June 2022

- Organized spaces for low income and underrepresented students' educational growth
- Collaborate with Board to plan, coordinate events and create opportunities to network within community
- Set up a professional board with long lasting procedures to ensure continuation of board
- Manage and execute the distribution of 350 care packages to Promise Scholars during the pandemic

#### Social Chair

October 2018-September 2020

- Organized Promise Scholar branding and outreach to community
- Developed and led marketing strategy for events and advertisements
- Launched social media platforms and gained following of 350 followers on Instagram reaching 70% of Promise Scholars

### The University Center Hub, UCSB, Santa Barbara, CA

#### Hub Assistant Manager

January 2021-Present

- Plan and execute 18 events a year for the student community at the Hub space
- Implement modern plans, and advertisement of events
- Coordinate with Social Media Coordinators to design a marketing plan

#### Hub Staff

August 2019-June 2020

- Supervised the Hub, an on-campus venue, with an 850-person capacity
- Facilitated event set up and event communication with Police Officers and Community Service Officers
- Enforced building safety measures throughout events; concerts, game nights, comedy shows, and other social events

## COMMUNITY INVOLVEMENT

### Outreach Co-Event Coordinator, Student Initiated Recruitment and Retention Committee, UCSB, CA

September 2018-June 2020

- Planned, spring break college trip, and CAMP for high school students to explore higher education
- Advised 4 – 6 first-generation, low-income students at La Cuesta Continuation HS and San Marcos HS once a week with college preparation and tutoring in any relevant course work

### Volunteer, Boys and Girls Club of East Los Angeles, Los Angeles, CA

April 2018-January 2020

- Incorporate fun learning activities to provide a safe environment for groups of 15 club members
- Assist with office organization, promotion, and marketing of events