

Halina Do-Linh

She/her/hers | (805) 620-8710 | halina@bren.ucsb.edu | [GitHub](#) | [LinkedIn](#) | [Personal Website](#)

EDUCATION

Master of Environmental Data Science (June 2022)

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

Awards/Honors: Environmental Data Science Scholarship

Leadership/Involvement: Diversity Committee; Environmental Justice Club; Asian Pacific Islander GSA

Highlighted Coursework: Team Science, Collaborative Analysis and Project Management; Data Visualization and Communication; Writing Skills for Environmental Professionals; Analytical Workflows and Scientific Reproducibility; Modeling Environmental Systems; Ethics and Bias in Environmental Data Science

Bachelor of Arts in Combined Environmental Studies & Biology (December 2016)

University of California, Santa Cruz (UCSC)

Internships: Data Analyst Intern at Santa Cruz Puma Project; Educator Intern at Life Lab; Farm Intern at Center for Agroecology & Sustainable Food Systems (CASFS)

Intensive Field Quarter: *Richness of epibionts on sea turtles in Baja California Sur*; Ecology and Conservation Supercourse Intensive Field Quarter in Baja California Sur

Highlighted Coursework: Sustainable Development; GIS & Environmental Application: Restoration Ecology

MASTER'S CAPSTONE DATA SCIENCE PROJECT

Ensuring equitable access to outdoor recreation on federal public lands (1/22 – 6/22)

Role: Project Manager & Data Manager | **Client**: Kaitlyn Gaynor ([NCEAS](#)) and Will Rice (University of Montana)

Deliverables: R Shiny App; GitHub Repository; Metadata documentation; Final presentation and report

- Manage project deliverables and day-to-day project operations using Agile workflow and GitHub tools
- Analyze accessibility and demand trends from recreational visits to design meaningful data visualizations for public land managers to explore on an interactive web application

ENVIRONMENTAL DATA SCIENCE & PROGRAM MANAGEMENT EXPERIENCE

R Shiny Developer Fellow – Bren School of Environmental Science & Management, UCSB (6/22 – Present)

- Develop, design and deploy a R Shiny dashboard that communicates data related to graduate programs.
- Develop a standard operating procedure for data workflow and management for Career & Student Affairs

Climate and Energy Fellow – CalRecycle, Remote (1/21 – 10/21)

- Developed best management practice tools targeting recyclers and recycled product manufacturers on energy efficiency by researching regional energy efficiency programs and case studies in California
- Performed outreach to recycling manufacturers, attended recycler manufacturer intake meetings, compiled recycling manufacturer data in CalRecycle's ZIRS database, and collaborated with CalRecycle business mentors on follow-up technical assistance

Volunteer Programs Manager – Heal the Bay, Santa Monica, CA (1/18 – 2/20)

- Ensured approximately 1,500 volunteers across Heal the Bay's five volunteer programs were effectively trained to be effective advocates for safe, clean water in L.A.
- Boosted attendance to Volunteer Orientation by 200% to recruit for volunteer programs, and science and policy campaigns, which facilitated the passing of local environmental legislation
- Spearheaded the transition of volunteer information, schedules, hours, and campaigns from paper to digital, utilizing Salesforce CRM, which made volunteer signups and onboarding more efficient and saved staff time
- Redesigned monthly volunteer newsletters and volunteer alerts, leading to a 40% increase in digital engagement among active volunteers using mass-email software, MyEmma
- Implemented Justice, Equity, Diversity, and Inclusion (JEDI) initiatives to improve retainment and to maintain a positive volunteer culture

ENVIRONMENTAL EDUCATION EXPERIENCE

Logistics Coordinator – University of California, Santa Cruz (UCSC), Santa Cruz, CA (6/17 – 12/17)

- Managed gear, meals, and budget for an undergraduate field research course that traveled within the University of California Natural Reserve System
- Advised students in the field about natural history, field methods, and research implementation through hands-on workshops so they were better prepared to conduct group research projects
- Organized deadlines, reservations, and scheduling with coordinators, professors, students, and reserve managers to guarantee smooth transitions to and from reserves

Naturalist – Web of Life Field School, Santa Cruz, CA (1/17 – 6/17)

- Formalized an interactive science-based curriculum for visiting elementary, middle, and high school students to foster greater understanding and appreciation for the outdoors
- Taught culturally relevant activities using experiential learning to expand students' knowledge about nature
- Collaborated with other naturalists, chaperones, teachers, parents, and the program directors to ensure a safe and positive atmosphere for students

RESEARCH & COMMUNITY VOLUNTEER EXPERIENCE

Researcher – Institute of Criminal Justice & Training Reform, Remote (6/20 – 02/21)

Conducted legal research on state legislation and legislatures to support criminal justice and police reform

Committee Member – Director of Volunteers in Agencies, Los Angeles (DOVIA-LA), Remote (1/20 – 7/21)

Supported ad-hoc project for bylaws and membership committees; Researched and developed anti-discrimination policy to add to bylaws; Organized membership information to increase retention and outreach

PROFESSIONAL DEVELOPMENT

Women in Data Science (WiDS) Worldwide Conference – Stanford University, Remote (3/22)

Attended workshops on a variety of topics, but all focused on using data science for equitable solutions

Anti-Bias and Anti-Racist (ABAR) Workshop – Liberate and Chill, Remote (3/20 – 6/20)

Completed 10 modules on ABAR to facilitate ABAR activities in community and classroom environments

Education Day – DOVIA-LA, Los Angeles, CA (9/19)

Learned new ways to improve volunteer retention through engaging trainings and meaningful positions; gained network connections to utilize in Volunteer Programs Manager position

Reflecting on Practice Coaching Workshop – The Lawrence Hall of Science, Portland, OR (9/18)

Attained education best practices to improve informal STEM curriculum through habits of reflection

SKILLS, LANGUAGES, & CERTIFICATIONS

Programming Languages: R, Python, SQL, Bash, Markdown, familiar with HTML & CSS

Software: Github, RStudio, Jupyter Notebook & Lab, Spyder, Tableau, Salesforce, ArcGIS & StoryMaps, Google Earth Engine, Zoom, Adobe Acrobat, Canva, MyEmma

Project Management: Microsoft Office Suite (Excel, Word, PowerPoint), Google Suite (Docs, Sheets, Slides, Forms), Slack, Zotero, GitHub Issues, ZenHub, Clockify

Research and Analysis: Systematic Review, Meta-Analysis, Spatial Analysis, Quantitative Analysis, Statistical Analysis, Technical Writing, Database Management, Conservation and Ecological Field Methods

Languages: Familiar with Spanish

Certifications: Recycling & Resource Management from Santa Monica College