

Alyssa Reyes

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Education

M.S. Environmental Sciences

Oregon State University – Corvallis, OR

Expected May 2027

B.S. Biology, Emphasis in Ecology

Cal Poly Humboldt - Arcata, CA

December 2023

A.S. Biology

San Diego Community College District - San Diego, CA

May 2021

Certifications

Geospatial Certificate Program

Cal Poly Humboldt – Arcata, CA

May 2025

Work Experience

Senior Park Aide - Interpreter

June 2025 - Current

California State Parks - San Diego Coast District

Deliver interpretive programs including guided hikes, Junior Ranger activities, campfire programs and public educational outreach to enhance public understanding of natural and cultural resources. Develop content for interpretive signage and events. Educates visitors on local fauna and flora, conservation strategies, and resource protection policies. Assist with environmental monitoring with accurate record keeping for Swami's State Marine Conservation Area, including field surveys.

Seasonal Park Aide

April 2025 – June 2025

California State Parks - San Diego Coast District

Supported daily State beach operations through visitor engagement, campground management, and routine foot and vehicle patrols. Provided information on park rules and ocean safety. Conducted inspections, managed fee collection, and answered public inquiries professionally and accurately. Assisted the Environmental Scientist team with grunion run monitoring by collecting GPS data, observing spawning behavior, and recording environmental conditions to support coastal resource management. Entered and quality checked field data in ArcGIS and datasheets for analysis.

Staff Shuttle Driver

September 2023 - January 2025

Cal Poly Humboldt - Arcata, CA

Provided timely and safe transportation for students, including those with mobility disabilities. Maintained state vehicles, recorded mileage, trained new drivers, and followed all safety protocols. Demonstrated strong time management and communication skills in diverse campus conditions.

Seasonal Park Aide

June 2022 - February 2024

California State Parks – Colorado Desert District

Operated the kiosk, performed campground inspections, and conducted park patrols. Assisted the public with information on wildlife, hiking, and safety. Collected fees, maintained records, and promoted positive visitor experiences.

Research Assistant

September 2021 - August 2022

Azusa Pacific University School of Nursing - Azusa, CA

Managed research activities across multiple faculty-led projects, including conducting literature reviews, organizing consent forms, data management and maintaining research materials for clinical trials. Supported data entry, study preparation, and coordination for nursing research initiatives.

Lead Guest Ambassador

June 2018 - July 2021

San Diego Zoo Wildlife Alliance - Escondido, CA

Led guest services team and managed visitor concerns. Triaged issues, oversaw entry operations, and collaborated with supervisors to maintain high-quality customer service.

Volunteer Experience

Undergraduate Student Directed Research

January 2023 - May 2023

Spatial Ecology and Conservation Science Lab – Cal Poly Humboldt

Assisted graduate students with data management and analysis on ecological research projects. Identified mammal species from camera trap data.

Research Assistant

October 2022 - December 2022

Marine Mammal Education and Research Program (MMERP) – Humboldt County, CA

Conducted effort-based surveys weekly, completed and returned survey data forms in a timely manner, collected physical measurements and photo evidence of stranded marine mammals, and accurately identified the stranded animals based on physical and morphological characteristics.

Outreach Division Member

August 2021 - May 2022

Boundless Brilliance- Azusa Pacific University Chapter

Communicated with elementary schools and community organizations as public outreach to build relationships with the community to foster a diverse future of STEM leadership through education, empowerment, and engagement.

Publications

Tontz, P., Reyes, J., & Reyes, A. (2024). Impact of COVID-19 on Asynchronous Learning for Higher Education Administration Graduate Students. Kentucky Journal of Excellence in College Teaching and Learning, 20, 21-34.

Core Competencies

Environmental Interpretation | Visitor Engagement | Ecological Restoration | Field Surveys
Wildlife Observation | Data Collection | Public Communication | GIS Mapping | Field Safety
Team Leadership | Environmental Education | Scientific Writing | Environmental Monitoring | 4WD Operation

Skills & Field Experience

Research

- Experience conducting wildlife surveys.
- Skilled record keeping.
- Experience with camera trap data analysis.
- Excellent literature review and research paper writing.
- Familiar with CEQA and NEPA processes.
- Excellent data management skills.

Technical

- Advanced proficiency in Microsoft Office Suite.
- Advanced proficiency in Google Suite.
- Proficient in ArcGIS Pro and ENVI.
- Proficient in RStudio for statistical analysis and data visualization.
- Skilled in handheld radio communication.
- Advanced with handheld phones/ tablets for record keeping.

Laboratory

- Ensured a safe working environment for colleagues and oneself during research activities.
- Adhered to strict safety and sterile protocols in laboratory environments.
- Proficient in basic laboratory techniques, such as PCR, gel electrophoresis, and microscopy.

Fieldwork

- Capable of carrying a 50 lb. backpack for extended periods during fieldwork.
- Proficient in wading in streams and navigating uneven outdoor terrain.
- Ability to conduct ecological surveys and environmental monitoring.
- Proficient in outdoor safety guidelines.
- Proficient in data collection using GPS and mobile mapping tools.
- Experienced in desert, coastal, and forest ecosystems.
- Skilled in Off-Road vehicle operation.
- Experienced driving State vehicles.
- Experience with operating handheld power tools.

Communication and Collaboration

- Effective written and oral communication of scientific findings.
- Presentation skills developed through coursework.
- Experience working collaboratively on group projects, in laboratory settings, and for publications.
- Experience educating the public on animal behavior, scientific findings, and environmental status.

