

Jessi Rumkin

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EDUCATION

University of California, Santa Barbara (Expected: June 2026)

Environmental Studies (B.S.), Additional emphasis in Spatial Science (GPA: 3.65)

- Relevant Coursework: Traditional Ecological Knowledge, Technical Issues in Geographic Information Systems, Global Water Supply and Demand, Biodiversity and Conservation, Environmental Data Science

WORK EXPERIENCE

Research Assistant, [VEG Lab](#) (April 2025-August 2025)

- Measure plants, use sterile lab skills, identify species to assess percent coverage, and collect soil samples
- Methodic data collection and entry with accountability

Harder Growing Grounds Coordinator, [Your Children's Trees](#) (August 2024-June 2025)

- Coordinate weekly events by securing volunteers and preparing projects to work on
- Maintain 400 young Coast Live oak trees with an irrigation system, repotting, pruning, and inventory
- Delegate, teach, and supervise volunteers to maximize their learning and completion of tasks

Forestry Restoration and Education Intern, Your Children's Trees (April 2024-August 2024)

- Maintaining young trees in the nursery through watering, repotting, and weeding
- Facilitated environmental education with a small team at Science Night events at elementary schools

Native Plant Restoration Intern, National Park Service & Santa Monica Mountains Fund
(October 2022-December 2022)

- 200 hours of hands-on work planting at local restoration sites, nursery work and maintenance, geographical and qualitative data collection, and seed collection and cleaning
- The team planted 38,000 native plants over three months
- Led volunteer groups of 1-40 people of all ages through activities like seed cleaning and propagation
- Assisted education outreach by leading group activities for local elementary and high schools

VOLUNTEER EXPERIENCE

National Park Service & Santa Monica Mountains Fund (October 2022-Present)

- Return to the NPS Internship site to continue similar work as a volunteer, focusing in the nursery

Santa Barbara Channel Keeper (January 2024-February 2025)

- Collect data on Goleta beaches on the count of people, activities, boat types and activities, and condition

SKILLS & PROJECTS

- Skills: Nursery and restoration, ArcGIS Pro, leading and teaching groups, proficiency in digital workspaces
- Projects: Various spatial analyses in ArcGIS Pro, How traditional ecological knowledge fits into STEM education, & [Bren Environmental-Studies Fellowship](#) professional development

INTERESTS

- Hiking, paddle boarding, photography, and baking