

Lucy Malamud-Roam

Albuquerque, New Mexico

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Education

University of New Mexico — M.S., Geography & Environmental Studies

August 2026 – Present | Expected 2028

Advisor: Dr. Marygold Walsh-Dilley

Research interests: Political ecology, environmental history, conservation and restoration ecology, agroecology, historical geography, more-than-human geographies, and social-ecological resilience.

University of California, Santa Cruz — B.A., Environmental Studies & Biology; Minor in History

Graduated June 2022

University of California — California Naturalist Program

2025 | California Naturalist Certification

Peralta Colleges — Continuing Education

2016–2026 | Coursework in geography, GIS, anthropology, Spanish, and related disciplines.

Glendale Community College — Natural History Field Studies

Baja California, Mexico | July–August 2017

Academic & Professional Experience

University of New Mexico — Graduate Assistant, Lobo Gardens Coordinator & Educator

Albuquerque, NM | August 2026 – Present

Coordinate garden operations, undergraduate experiential education, and community programming. Support instruction in SUST 410: Lobo Gardens, integrating agroecology, sustainable food systems, native plant conservation, and ecological restoration. Lead student projects and collaborate with university engineering teams on garden infrastructure, composting, and sustainability initiatives.

University of New Mexico — Graduate Assistant, Transformative Ecologies

Experiential Learning Coordinator | August 2026 – Present

Support the interdisciplinary Transformative Ecologies: Food, Farming and People's Health certificate through experiential education, curriculum development, community partnerships, and student outreach. Coordinate field experiences connecting sustainable agriculture, biodiversity conservation, environmental justice, and regional food systems.

San Bruno Mountain Watch & Mission Blue Nursery — Nursery Fellow

Brisbane, CA | November 2024 – July 2026

Managed native plant production supporting rare coastal habitat restoration, propagating over 70 native species. Led volunteer programs and school field trips, maintained greenhouse infrastructure, documented seed accessions, and developed ecological educational materials.

East Bay Regional Park District — Recreation Specialist

East Bay Area, CA | May 2024 – present

Designed and led outdoor recreation and environmental education programs, including summer camps, boating, backpacking, and accessible outdoor activities. Coordinated curriculum, safety, and program logistics.

Naturalists at Large — Outdoor Education Naturalist

California | March 2024 – July 2026

Developed and delivered immersive K–12 environmental education during multi-day field expeditions, emphasizing ecological literacy, conservation, natural history, and outdoor leadership.

University of California Ecology & Conservation Field Quarter — Course Technician

California | June–August 2024

Coordinated field logistics, supported undergraduate ecological research, mentored students, and assisted faculty with research methodology and field safety.

Nature's Classroom Institute — Traveling Environmental Educator

Multiple States | January–March 2024

Delivered Montessori-inspired environmental education centered on ecology, agriculture, gardening, experiential learning, and environmental stewardship.

National Park Service & Environment for the Americas — Habitat Restoration Intern

Golden Gate National Recreation Area, CA | October 2022 – October 2023

Led community restoration activities, conducted botanical mapping and wildlife monitoring, developed educational curricula, and participated in Indigenous community engagement.

LSA Associates, Inc. — Field Biologist

Point Richmond, CA | August–November 2022

Conducted botanical surveys, biological resource assessments, and GIS mapping for environmental consulting and conservation projects.

Kleinfelder, Inc. — Wildlife Biologist / Ecologist

Oakland, CA | August–November 2022

Performed wildlife surveys, biological assessments, and ecological monitoring; contributed to regulatory documentation and technical reports.

UC Santa Cruz, Younger Lagoon Reserve — Natural Reserves Field Assistant

Santa Cruz, CA | October 2018 – April 2022

Supported restoration of 47 acres of coastal habitat through native plant propagation, invasive species management, ecological monitoring, and volunteer training.

UC Santa Cruz — Academic & Recreation Programs

Santa Cruz, CA | September 2018 – June 2022

Teaching Assistant, Natural History Practicum; Field Logistics Coordinator, BIOE 82; Wilderness Orientation Leader; Kayak Tour Guide; Recreation Volunteer.

Research Experience & Projects

University of New Mexico — Graduate Research in Geography & Environmental Studies

August 2026 – Present

Developing interdisciplinary research interests connecting political ecology, environmental history, agroecology, land tenure, restoration ecology, conservation biology, environmental governance, and human relationships with landscapes and other species.

UC Santa Cruz — University of California Ecology & Conservation Field Quarter

January – March 2021

Completed an intensive seven-week field research program involving 50 days of camping and ecological study across California's diverse ecosystems. Conducted field research in botany, wildlife ecology, and conservation biology, developing skills in ecological sampling, experimental design, data analysis, and scientific communication.

UC Santa Cruz — Natural History Field Quarter

March – May 2022

Completed an intensive ten-week field research program including 42 days of camping and ecological study. Conducted ecological field research across California ecosystems, studying botany, ornithology, entomology, natural history, and environmental stewardship.

UC Berkeley — Blue Oak Ranch Reserve, Field Researcher

June – September 2021

Studied post-wildfire oak ecosystem recovery through vegetation surveys, burn-severity assessments, and herbarium specimen preparation.

UC Santa Cruz — Natural Land & Resource Management, Stakeholder Outreach Lead

September 2019 – June 2020

Supported campus land-use planning through GIS mapping, ecological assessments, and stakeholder engagement.

UC Santa Cruz — Small Mammal Undergraduate Research in the Forest (SMURF)

January–March 2019

Conducted small mammal population surveys, wildlife handling, and ecological data collection.

University Leadership & Service

University of New Mexico — Grand Challenges Steering Committee, Student Representative

October 2026 – September 2027

Selected to serve on UNM's university-wide interdisciplinary research steering committee, contributing student perspectives on research initiatives, funding opportunities, fellowship programs, and institutional research priorities.

University of New Mexico — Lobo Gardens / School of Engineering Collaboration

Fall 2026 – Present

Coordinate with engineering students and faculty to develop potential sustainability infrastructure projects involving greenhouse systems, composting, and ecological technologies.

International Agriculture & Volunteer Experience

Mamá Shanti's Farm — WWOOF Volunteer

Chiapas, Mexico | November 2023

Regenerative agriculture, permaculture, organic gardening, and natural construction.

Wild Roots Farm — Volunteer

County Clare, Ireland | July 2022

Organic horticulture, sustainable agriculture, and pollinator habitat.

Raven Hill Farm — Volunteer

Squamish, British Columbia | July 2019

Organic vegetable production and forest gardening.

Nicolette & Peter's Farm — Volunteer

Pyrenees, France | July 2018

Sheep herding, cheesemaking, and forest-garden maintenance.

The Lionfish Hostel — Volunteer

Puerto Viejo, Costa Rica | June–July 2018

Guest services, gardening, and ecotourism support.

Green Drop Coffee Farm — Global Glimpse Participant

Jarabacoa, Dominican Republic | July 2015

Shade-grown coffee agriculture and reforestation education.

Publications & Environmental Writing

Ferrall, J., Malamud-Roam, L., Ramirez, R., & Wu, Z. (2021). *Evidence of niche partitioning among small mammals in the Eastern Mojave Desert from scat distribution*. California Ecology and Conservation Research.

Malamud-Roam, L. (2026). *The River Is Dry, But My Tap Still Runs*. Environmental essay examining water scarcity, ecological degradation, and the politics of water governance in New Mexico's Middle Rio Grande. Under consideration for publication in *Tangle*.

Certifications

- California Naturalist Certification — University of California
- Wilderness First Aid & CPR
- Mandated Reporter Training

- CITI Animal Care and Use (ACU)
- Food Handler Certification
- California Class C Driver's License

Skills

Ecology & Field Research: Botanical surveys, wildlife monitoring, plant identification, conservation biology, restoration ecology, field sampling, and natural history.

Horticulture & Agriculture: Native plant propagation, greenhouse management, agroecology, composting, seed stewardship, irrigation, and Integrated Pest Management.

Education & Leadership: Undergraduate instruction, environmental education, curriculum development, volunteer coordination, community outreach, experiential learning, and program development.

Research & Technology: GIS (ArcGIS, ArcGIS Online), R, Python, JMP, ImageJ, Excel, Calflora, iNaturalist, qualitative research methods, and Google Workspace.

Languages: English; Spanish and French (moderate proficiency.)