

Julia Dagum

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EDUCATION

Master of Environmental Science and Management (Expected June 2021)

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

Specialization: Energy and Climate

Bachelor of Science in Agricultural Sciences (May 2016)

Cornell University, Ithaca, NY

Education and Communication Concentration, English Minor

Rawlings Cornell Presidential Research Scholar

Instructor – Cornell Outdoor Education

COMMUNICATION & TEACHING EXPERIENCE

Teaching Assistant – Feminist Studies Department, UCSB, Santa Barbara, CA (9/19–12/19)

- Planned, led three discussion sections per week to deepen students' understanding of lecture material
- Graded assignments and held office hours to provide feedback and answer questions for 60 students

Silicon Valley Clean Energy, Sunnyvale, CA (3/18–7/19)

Communications Specialist (11/18–7/19)

- Surveyed 2,200 residential customers on energy use and preferences to develop marketing strategies
- Wrote more than 20 articles and press releases for website; compiled and edited monthly e-newsletter
- Interviewed residents, businesses and organizations; manage Community Close-Up video production

Community Outreach Coordinator, (3/18–10/18)

- Coordinated over 50 community outreach efforts in 2018 incl. workshops, presentations and tabling
- Oversaw daily posts to Facebook, Instagram, Twitter; manage boosted posts and paid advertising

Marine Educator and Science Instructor – Marine Science Institute, Redwood City, CA (9/17–3/18)

- Taught hands-on, interactive marine science lessons to Pre-K through middle school students
- Collected fish, plankton, and benthic samples while ensuring student safety on research vessel
- Promoted environmental stewardship and awareness of human impacts on local habitats

Environmental Programs Fellow – City of Sunnyvale Environmental Services Department, CA (8/16–6/17)

- Educated 1500 residents on sustainability via presentations, events, social media, e-newsletters
- Analyzed city-wide energy use data and compiled reports on energy-saving programs, successes
- Coordinated four challenges in iGreenSunnyvale app, preventing 1.6 million lbs of CO2 emissions
- Completed 10-month Climate Corps Fellowship with monthly trainings and professional development

ADDITIONAL EXPERIENCE & RESEARCH

Research Assistant – Cornell Weed Ecology and Management Lab, Ithaca, NY (9/15–5/16)

Student Researcher and Organic Farm Intern – Casa Caponetti Agriturismo, Tuscany, Italy (7/15–8/15)

Independent Research – Bioko Biodiversity Protection Program, Moka, Equatorial Guinea (9/14–12/14)

Research Assistant – Cornell Soil and Water Lab, Ithaca, NY (7/14–8/14)

SKILLS & CERTIFICATIONS

Computer: GIS, R programming, Microsoft Excel and PowerPoint, social media, WordPress, Canva

Scientific: Forest mammal abundance census; soil, water, and gas sampling and analysis

Languages: Spanish (proficient)

Certifications: Climate Protection Professional Certificate (Skyline College 2017)