

Gabriel T. De La Rosa

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(310) 600-8347 | Santa Barbara, California

EDUCATION

Master of Environmental Science & Management (Expected June 2021)

Bren School of Environmental Science and Management | University of California, Santa Barbara

- Specialization: Conservation Planning
- Foci: Science Communication and Media | Environmental Data Science
- Highlighted Coursework: Writing Skills for Environmental Professionals, Introduction to Environmental Media Production, Environmental Data Visualization, Advanced Environmental Communication, Environmental Communication Practicum

Bachelor of Arts with Distinction in Molecular and Cellular Biology (May 2016)

Colorado College | Colorado Springs, CO

ENVIRONMENTAL COMMUNICATION EXPERIENCE

Seaweed Revolution | Bren School Communication Capstone, (September, 2020 – present)

Client: Seaweed Working Group | **Deliverable**: 10-minute video, release expected June 2021

- Crafted a compelling story about the aquaculture community in Santa Barbara through expert interviews and background research. Wrote a film treatment, adapted the treatment into a script, then created a short film.
- Cultivated close relationships with the local seaweed community to develop and expand the film's story while balancing journalistic integrity, client direction, and community concerns.
- Conducted 5 hour-long interviews with the seaweed community to translate the story into compelling footage and audio about seaweed aquaculture expansion in Santa Barbara.

Quota Baskets | Bren School Group Project (March 2020-present)

Client: Environmental Defense Fund

- Created a multi-species fishery model to explore how different stock groupings and quotas affect theoretical fishery outcomes. Worked closely with the Environmental Defense Fund to scope and develop the project.
- Wrote and formatted a forward-facing two-page executive summary, published to the Bren School website and to the Environmental Defense Fund's website.
- Gave a 15-minute presentation designed for the general public to ~150 members of the Bren community about our research, as well as a 20-minute presentation to ~10 experts in fisheries management.

OTHER EXPERIENCE

Aquaculture Spatial Modeling Intern (June 2020-present)

Seaweed Working Group | UCSB

- Analyzed seaweed aquaculture's capacity for nutrient remediation in the U.S. by estimating nutrient loading to the ocean from anthropogenic sources, then identifying the suitable seaweed farm area in those locations.
- Conducted a 12 page literature review, collected data on pollution sources from publicly available repositories and other researchers, and spatially analyzed pollution distribution including developing a 2D plume model for rivers.
- Started a collaboration with two labs to model seaweed growth and nutrient uptake in fine detail for Florida.

Alpine Lake Field Researcher (June 2018–October 2018)

Sadro Lab | University of California, Davis

- Sampled 15 lakes up to 12 miles in the Sierra Nevada backcountry to understand climate effects on lake chemistry.
- Learned to troubleshoot problems in the backcountry, with limited resources and no outside communication.

Neurodevelopment Laboratory Technologist (July 2016–August 2017)

Parrish Lab | University of Washington

Alpine Lakes Research Experience for Undergraduates Intern (June–August of 2014 and 2015)

Sadro Lab, through UCSB | Sequoia National Park, CA

SKILLS

Computer: Adobe Suite (Illustrator, InDesign, Premiere). Microsoft Office (Word, Excel, PowerPoint). Google Suite (Drive, Docs, Sheets). Zoom.

Languages: English (fluent), Spanish (conversational, 30-page undergraduate research paper, study abroad in Chile in 2013)