

Maya Greenhill

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EDUCATION

Brown University, *ScB Biology with Ecology and Evolutionary Biology* Providence, RI | Expected Graduation May 2020

- Relevant Courses: Oceanography, Principles of Ecology, Experimental Design in Ecology, Community Ecology, Topics in Science Communications, Ocean Biogeochemical Cycles, Statistical Analysis of Biological Data, Coastal Ecology and Conservation, Invertebrate Zoology

Convent of the Sacred Heart, 4.52/4.00 GPA (weighted) San Francisco, CA | Class of 2016

- National Honors Society Tutor; Honor Roll; National Merit Scholarship Commended Student; AP Scholar with Distinction

BIOLOGY RESEARCH & COMMUNITY ENGAGEMENT

The Witman Lab, *Research Assistant* Providence, RI | February 2017 – Present

- Quantify cleaning interactions in the Galapagos reef fish community
- Assess the influence of wave exposure and flow conditions on reef fish foraging
- Evaluate the ecological role of Damsel fish species territoriality in the Galapagos Marine Reserve
- Annual two-month monitoring and experimental science diving field work in the Galapagos Archipelago
- Collaborative research with the Charles Darwin Foundation

Amazonico Wildlife Rescue Centre, *Conservation Biologist Volunteer* Amazon Rainforest, Ecuador | June 2018 – July 2018

- Fed and cared for animals confiscated by the Ministry of the Environment of Ecuador from the illegal pet trafficking trade
- Rehabilitated and reintroduced toucans, tapirs, spider monkeys, aquatic turtles, boa constrictors, and parrots
- Led daily tours of the center about the ecology of the animals, wildlife management, and rainforest conservation
- Assisted veterinary technicians with injured animals and necropsies
- Joined forest guards on weekly patrols in the primary rainforest to monitor released animals

AQUA Montserrat and the Waitt Institute, *Intern* Montserrat, Caribbean | June 2017 – August 2017

- Led programs teaching 7-16 year old children on the islands of Barbuda and Montserrat marine ecology and conservation
- Taught reef species identification to children and local residents; took part in marine spatial planning meetings with fishers
- Created and maintained a curriculum and website for the AQUA Montserrat non-profit organization

Conservation Biology Independent Study, *Student Researcher* San Francisco, CA | August 2015-May 2016

- Studied ecological interactions and distributions of *Mytilus* species in Bodega Bay, CA using DNA Barcoding
- Sequenced the Cytochrome oxidase subunit I (COI) from the Mitochondrion of various fish and mussel species
- Conducted field work in collaboration with the Research Coordinator of the UC David Bodega Marine Lab

Marine Mammal Center, *Volunteer & Education Docent* Sausalito, CA | June 2013 – April 2015

- Fed, cleaned, and prepared food for 100+ sick sea lions and seals for 10 hours weekly with a team aged 15-85
- Led tours and lectures teaching children about marine mammal behaviors and husbandry as an education docent
- Assisted veterinary technicians with subcutaneous injections and necropsies

GRANTS & AWARDS

- LINK Summer Internship Award – Brown University \$3000 | 2017
- Undergraduate Research and Teaching Award – Brown University \$5000 | 2018

PRESENTATIONS

“Evaluating the Ecological Role of Damsel fish in the Galápagos Marine Reserve.” Galápagos, Ecuador | August 2018

- **Charles Darwin Research Center:** An Update on Aspects of Marine Ecosystem Functioning and El Niño Impacts in the Galápagos Marine Reserve

ADDITIONAL LEADERSHIP & TEACHING EXPERIENCE

Ecology/Evolutionary Biology Departmental Undergraduate Group, *President* Providence, RI | September 2018 – Present

- Write weekly departmental newsletters with related seminars, events, and opportunities for undergraduates and graduates
- Organize panels and informational events about research, graduate school, and courses in ecology and evolutionary biology

Undergraduate Teaching Assistant Providence, RI | January 2017 – Present

- Facilitate review sessions and weekly discussions on scientific papers, and provide in-class support for Principles of Ecology
- Run three-hour exploratory invertebrate morphology lab sessions for Invertebrate Zoology
- Lead weekly group problem solving sessions for Advanced Chemistry at Brown University

Brown University Outing Club, *Student Leader and Executive Board Member* Providence, RI | August 2016 – Present

- Lead weekly outdoor excursions including hiking, kayaking, climbing, and camping
- Teach beginner wilderness skills and techniques at outdoor education events

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College Unions Poetry Slam Invitational (CUPSI) Team, *Slam Poet* Providence, RI | November 2016 – Present

- Compete in national slam poetry invitationals as part of a 5-member slam poetry team from Brown University
- Practice 6 hours weekly; write 2 individual poems and 5 group pieces each; strengthen performance and writing technique
- Organize and participate in fundraising performances; engage in community service assisting local organizations as a team

Brown Immigrant Rights Coalition, *Member* Providence, RI | November 2016 – Present

- Volunteer at sanctuaries for undocumented families
- Fundraise for families separated due to deportation and for migrants seeking asylum

San Francisco Girls Chorus *Section Leader and Recording/Touring Group Member* San Francisco, CA | June 2011 – May 2016

- Rehearsed 6-25 hours a week; performed solos at Davies Symphony Hall and the San Francisco Conservatory of Music
- Managed schedules, attendance, and communication with administration; led monthly two hour rehearsals
- Performed for Mayor Ed Lee, Tony Bennet, Congresswoman Nancy Pelosi, and at the Oregon Shakespeare Festival
- Toured in Finland, Sweden, Estonia, and Berlin to perform with award-winning Ellerhein Girls Choir and at the world premiere of the Templehof Broadcast; performed work commissioned by Eric Whitacre, Meredith Monk, and Philip Glass
- Received seven Certificates of Merit from the Music Teachers' Association of California
- San Francisco Girls Chorus is the recipient of five Grammy awards and performed at President Barack Obama's inauguration

SKILLS & INTERESTS

Lab Skills: DNA extraction, chromatography, agarose, PCR amplification, DNA cycle sequencing reactions, spin column purifications, cell culturing, bacterial heat shock and transformations, plasmid preparations and ligation

Certifications: Wilderness First Aid, CPR, SSI Open Water Diver, PADI Advanced Open Water Diver, PADI Reef Fish Identification Specialty Diver, PADI Night Diver Specialty Diver, PADI Rescue Diver, PADI O2 Provider

Language: Bilingual (Russian/English), Spanish (Conversational)

Technical Skills: Microsoft Office, R programming language and statistical analysis, behavioral ecology software (BORIS), website creation/management

Interests: Travel, rock climbing, backpacking, scuba diving, piano (7 years), classical voice (7 years/present)