

Maya Greenhill

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EDUCATION

- Brown University, *ScB Ecology and Evolutionary Biology*** Providence, RI | **Expected Graduation May 2020**
- Relevant Courses: Oceanography, Principles of Ecology, Calculus II, Experimental Design in Ecology, Invertebrate Zoology, Coastal Ecology and Conservation, Biostatistics, Science Communications, Global Environmental Remote Sensing
- 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
- Stanford High School Summer College** June 2015-August 2015
- Completed a year of undergraduate general chemistry condensed into an eight-week intensive course

BIOLOGY RESEARCH & COMMUNITY ENGAGEMENT

- The Witman Lab, *Student Researcher and Lab Member*** Providence, RI | February 2017 – Present
- Research effects of predator diversity on the strength of trophic cascades in an oceanic benthic system
 - Study reef fish cleaning interactions, behaviours of fish infected with unknown pathogens,
 - assess the influence of wave exposure and flow conditions on reef fish foraging and damselfish territoriality
- AQUA Montserrat and The Waitt Institute, *Intern*** Montserrat, Caribbean | June 2017-August 2017
- Led programs teaching 7-16 year olds on the islands of Barbuda and Montserrat marine ecology and conservation
 - Taught swimming, snorkeling, reef species identification, and took part in marine spatial planning meetings with fishers
 - Created and maintained a website and curriculum 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
 - Published research paper in high school journal of biology available at tinyurl.com/GreenhillResearchPaper
- Marine Mammal Center, *Volunteer & Education Docent*** Sausalito, CA | June 2013 – April 2015
- Fed, restrained, cleaned, and prepared food for 100+ sick sea lions and seals for 10 hours weekly with a team ages 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

LEADERSHIP EXPERIENCE

- 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
- Undergraduate Teaching Assistant** Providence, RI | January 2017 – Present
- Lead weekly group problem solving sessions and develop problem sets for Advanced Chemistry at Brown University
- College Unions Poetry Slam Invitational (CUPSI) Team, *Slam Poet*** Providence, RI | November 2016 – Present
- Compete in national slam poetry invitational as part of a 5-member slam poetry team from Brown University
 - Organize and participate in fundraising performances; engage in community service assisting local organizations as a team
- Youth Speaks, *Youth Advisory Board Member and Intern*** San Francisco, CA | August 2015 – June 2016
- Produced bi-monthly youth open mics; won the Bay Area Teen Poetry Slam Finals; facilitated youth writing workshops
 - Competed at Brave New Voices International Youth Poetry Slam Festival on the Youth Speaks Bay Area Team
- 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

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, PADI Rescue Diver, PADI Night Diver, PADI Reef Fish Identification Specialty Diver

Language: Bilingual (Russian/English), French (elementary proficiency), Hebrew (elementary proficiency)

Technical Skills: Proficient in JMP, R, R Studio, BORIS Behavioural Analysis Software, Microsoft Office, PowerPoint, WordPress

Interests: Travel, rock climbing, backpacking, scuba diving, piano (7 years), classical voice (6 years/present)