

Jael Martinez

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EDUCATION

Master of Environmental Science and Management (Expected June 2017)

Bren School of Environmental Science & Management - University of California, Santa Barbara

Specializations: Economics and Politics of the Environment and Corporate Environmental Management

Bachelor in Science in Biology with a Journalism minor (July 2014)

San Francisco de Quito University, Ecuador

Honors & Achievements: Archimedes Scholarship; GPA: 3.62

Thesis: Hematology of sea lion (*Zalophus wollebaeki*) in two Colonies of San Cristobal Island, Galapagos.

ENVIRONMENTAL EXPERIENCE

University of California, Santa Barbara

Teacher Assistant Introductory Biology III EEMB 3 (March 2016-Present)

- Teach principles and approaches to studying physiology, evolution and ecology.
- Provide students and environment to think about biology and to link theory with lab practices, while learning laboratory safety and etiquette.

Ceiba Foundation for Tropical Conservation, Pedernales, Ecuador

Workshop Instructor (July 2015)

- Taught a macroinvertebrate and water quality workshop to show the influence of hydrology and its interaction with species and communities in rivers and streams for a class of the University of Wisconsin – Madison.
- Developed educational material for understanding water quality using biomonitoring techniques, biodiversity of freshwater fauna, taxonomy and behavioral ecology of communities of aquatic insects.

Galapagos Science Center, San Cristóbal, Ecuador

Workshop Instructor (4 -9 May 2015)

- Organized a wave and tidal community workshop to familiarize users with the service Swell Forecast operated by the Universidad San Francisco de Quito and created outreach posters.

San Francisco de Quito University, Quito, Ecuador

Lab Freshwater Ecology Lab Research Technician (August 2013-June 2014)

- Conducted laboratory analyses with samples either collected or provided using laboratory equipment as required in support of conducted studies while maintaining a safe work practice.
- Performed administrative duties such as data reporting using established lab protocols, plan and organize meetings, and get research permits.

INTERNSHIPS & VOLUNTEER WORK

The Galapagos Institute for the Arts and Sciences, San Cristobal, Ecuador

Project and thesis assistant (Summer 2012 / Summer 2013)

- Used ultrasonic telemetry to track blacktip pups sharks' movement behavior, collected blood samples and data of blood gases, biochemistry and body measurements of green turtles, performed transects for soil and vegetation sampling of agricultural areas, realized mammals and pollinators surveys, and conducted sea turtle photo identification.

Galápagos National Park, San Cristóbal, Ecuador

GNP Volunteer (Summer 2012 / Summer 2013)

SKILLS & INTERESTS

Languages: Fluent Spanish and English, intermediate French

Conferences: III World Summit on Evolution

Courses: PADI Open Water Diver, Stream Ecology Class from USFQ Master's Program in Ecology

Software: Adobe Illustrator and Adobe Photoshop Certification