

Angela Richards Donà
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Education

University of Hawai'i at Mānoa/Honolulu, HI Ph.D. Candidate, Marine Biology. Chair: Dr. Cynthia Hunter	in progress
Universidad Nacional Autónoma de México/Puerto Morelos, Quintana Roo, Mexico Light and Photosynthesis on Coral Reefs. Three-week course. Dr. Roberto Iglesias-Prieto	2014
School of Marine and Atmospheric Sciences, Stony Brook University/Stony Brook, NY M.Sc. in Marine and Atmospheric Science. Advisor: Dr. Gordon Taylor	2012
George Mason University/Fairfax, VA Advanced Course: Coral Tissue Slide Reading Workshop. Dr. Esther Peters	2010
Pace University/New York, NY M.Sc. Student, Environmental Science. Advisor: Dr. James Cervino (transferred to SoMAS in 2010)	2009
Mote Marine Laboratory, Tropical Research Laboratory/Summerland Key, FL Advanced Course: Diseases of Corals and Other Reef Organisms. Dr. Esther Peters	2008
CUNY - New York City College of Technology/New York, NY Undergraduate science pre-requisites	2008
Columbia University, Center for Environmental Research and Conservation/New York, NY Certificate, Conservation Biology	2007
Parsons School Of Design/New York, NY B.F.A. in Fashion Design	1993

Professional Experience

Hawai'i Institute of Marine Biology/Kāne'ohe, HI Longer-term Monitoring and Assessment of the Hā'ena, Kaua'i CBFMA Project Graduate Research Assistant	Fall 2016 - present
Water Resources Research Center, University of Hawai'i at Mānoa/Honolulu, HI Research Assistant	Spring 2014 – Fall 2016
Pacific Center for Environmental Studies (PaCES)–Windward Community College/Kāne'ohe, HI June 2013 Guest Lecturer and Field Assistant for coral module	
University of Hawai'i at Mānoa/Honolulu, HI Teaching Assistant, Introduction to Biology Lab - Bio 172L Teaching Assistant, Corals and Coral Reefs – Zool 410 Research Assistant	Spring 2013 Fall 2012
Rainforest Alliance/New York, New York Communications Coordinator, Design and Production	2005 – 2010

Extracurricular Affiliations

Graduate Women In Science (GWIS), Alpha Lambda Omega Chapter, President	2015 - 2016
Graduate Women In Science (GWIS), Alpha Lambda Omega Chapter, Treasurer	2013 - 2015
Graduate Student Organization (GSO), Representative for Marine Biology	2014 - 2016

Publications

Peer-reviewed

Rodgers KS, Bahr KD, Jokiel PL, **Richards Donà A** (2017) Patterns of bleaching and mortality following widespread warming events in 2014 and 2015 at the Hanauma Bay Nature Preserve, Hawai'i. PeerJ. DOI:10.7717/peerj.3355.

Rodgers KS, Lorange K, **Richards Donà A**, Stender Y, Lager C, Jokiel PL (2017) Effectiveness of coral relocation as a mitigation strategy in Kāne'ohe Bay, Hawai'i. PeerJ. DOI:10.7717/peerj.3346.

Richards Donà A, Cervino JM, Goreau TJ, Bartels E, Hughen K, Smith GW, Donà A (2008) Coral Yellow Band Disease; current status in the Caribbean and links to new Indo-Pacific outbreaks. Proc. Intl. Coral Reef Symp. 1:239-243.

Reports

Rodgers KR, Bahr KD, Stender YO, Stender K, **Richards Donà A**, Weible R, Tsang A, Han JJ, McGowan AE. 2017. 2016 Recovery Assessment and Long-term Monitoring of Reef Coral Communities at Pila'a Reef, Kaua'i. Report Prepared for: Department of Land and Natural Resources, Division of Aquatic Resources.

Rodgers KR, Bahr KD, Stender YO, Stender K, **Richards Donà A**, Weible R, Tsang A, Han JJ, McGowan AE. 2017. 2016 Long-term Monitoring and Assessment of Hanalei Bay, Kaua'i. Report Prepared for: Department of Land and Natural Resources, Division of Aquatic Resources.

Rodgers KR, Bahr KD, Stender YO, Stender K, **Richards Donà A**, Weible R, Tsang A, Han JJ, McGowan AE. 2017. 2016 Long-term Monitoring and Assessment of the Hā'ena, Kaua'i Community Based Subsistence Fishing Area. Report Prepared for: Department of Land and Natural Resources, Division of Aquatic Resources.

Thesis

Richards Donà, Angela. Investigation into pathological responses of two phenotypes of the Scleractinian coral, *Montastraea faveolata*, to putative marine *Vibrio* pathogens. M.Sc. Thesis. Stony Brook University, Stony Brook 2013. SUNY Digital Repository and Print.

Presentations

Light and Coral Pigments

Oral presentation. Spring 2016, 2017, 2018

Corals and Coral Reefs course. University of Hawai'i at Mānoa

Pathological Responses of the Caribbean Coral *Montastraea faveolata* to Putative Marine *Vibrio* Pathogens

Oral Presentation. March 19, 2014

Hawai'i Institute of Marine Biology (HIMB) Seminar

Diseases on Coral Reefs

Oral presentation. Spring 2013, 2014, 2015.

Corals and Coral Reefs course. University of Hawai'i at Mānoa

Damaging Interactions Between the Coral Holobiont and Putative Bacterial Pathogens. Undetectable Until It Is Too Late

Oral Presentation. March 13, 2014

39th Annual Albert L. Tester Symposium. University of Hawai'i at Mānoa

Damaging Interactions Between the Coral Holobiont and Putative Bacterial Pathogens. Undetectable Until It Is Too Late

Oral Presentation. February 26, 2014

2014 Ocean Sciences Meeting. Session: 053 Coral Microbiology: Partners and Pathogens

Coral Reef Organisms
Oral presentation. June 17, 2013
PaCES – HIMB summer course for high school students. Windward Community College

Master's thesis presentation
Oral presentation. August 1, 2012
Stony Brook University

Is That Coral Really Healthy? What Histology Can Tell Us About Corals That Lack Outward Signs Of Stress
Oral Presentation. April 23, 2012.
37th Eastern Fish Health Workshop. Spec. Session 4: As The Ocean Turns: How Environment Affects Coral Health

Coral Yellow Band Disease; current status in the Caribbean and links to new Indo-Pacific outbreaks
Oral Presentation. July 9, 2008.
11th International Coral Reef Symposium. Mini-symposia session 7 — Diseases on Coral Reefs

Coral yellow band disease: recent infections in the Indo-pacific likely to follow devastating trend in the Caribbean
Poster Presentation. April 2, 2009.
American Museum of Natural History, Center for Biodiversity and Conservation. Spring Symposium “Exploring the Dynamic Relationship Between Health and the Environment.”

Funding Awarded

University of Hawai'i at Mānoa 2015 Marine Biology Graduate Program	amount \$2000
Hawai'i Institute of Marine Biology 2017 2017 Colonel Willys E. Lord, DVM and Sandina L. Lord Endowed Scholarship	\$1000
University of Hawai'i at Mānoa 2018 Graduate Student Organization	\$640

Skills

Photobiology – Ocean Optics spectrometer, Diving PAM
Histology – sample and slide preparation and analysis
Microbiology – training in techniques including epifluorescence microscopy and fluorescence in situ hybridization
Field research – Coral Reef Assessment and Monitoring Program (CRAMP) site installation & surveys, boat driving, underwater video and line transects, coral core collection, quadrat coral colony counts
Computer programs – SQL Server/My SQL database, Adobe Design Suite, JMP
Languages – English (native), Italian (fluent), Spanish (basic)
SCUBA certifications – AAUS Scientific Diver, PADI Rescue Diver, SSI Nitrox Diver