

**Angela Richards Donà**  
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## **Education**

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

## **Professional Experience**

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|---|--------------------------|
| Water Resources Research Center, University of Hawaii at Manoa/Honolulu, HI<br>Research Assistant   | Spring 2014 - present    |
| Pacific Center for Environmental Studies (PaCES)–Windward Community College/Kaneohe, HI<br>Guest Lecturer and Field Assistant for coral module  | June 2013                |
| University of Hawaii at Manoa/Honolulu, HI<br>Teaching Assistant, Introduction to Biology Lab - Bio 172L<br>Teaching Assistant, Corals and Coral Reefs – Zool 410<br>Research Assistant | Spring 2013<br>Fall 2012 |
| Rainforest Alliance/New York, New York<br>Communications Coordinator, Design and Production   | 2005 – 2010              |
| Pursuit of career in fashion design in New York and Italy   | 1994 -2003               |

## **Extracurricular Affiliations**

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

## **Publications**

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.

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.

## **Presentations**

Pathological Responses of the Caribbean Coral *Montastraea faveolata* to Putative Marine *Vibrio* Pathogens  
Oral Presentation. March 19, 2014  
Hawaii Institute of Marine Biology (HIMB) Seminar

Diseases on Coral Reefs  
Oral presentation. Spring 2013, 2014, 2015.  
Corals and Coral Reefs course taught by Dr. Cynthia Hunter

Damaging Interactions Between the Coral Holobiont and Putative Bacterial Pathogens. Undetectable Until It Is Too Late  
Oral Presentation. March 13, 2014  
39<sup>th</sup> Annual Albert L. Tester Symposium. University of Hawaii at Manoa

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.  
37<sup>th</sup> 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.”

## **Skills**

Photobiology – experience in use of spectrophotometer, Diving PAM  
Histology – sample and slide preparation and analysis  
Microbiology – training in techniques including epifluorescence microscopy and fluorescence in situ hybridization  
Field research – boat driving, underwater video and line transects, coral core collection, quadrat coral colony counts  
Computer programs – SQL Server/My SQL database, Adobe Design Suite, R (basic), JMP  
Languages – English (native), Italian (fluent), Spanish (basic)  
SCUBA certifications – AAUS Scientific Diver, PADI Rescue Diver, SSI Nitrox Diver