

**Madison Thomas**  
Texas A&M University at Galveston  
Marine Biology Department  
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**Education:**

**Texas A&M University at Galveston**

Ph.D. in Marine Biology, in progress

**University of California Los Angeles**

Bachelor of Science in Marine Biology, *Cum Laude*, 2014

Overall GPA: 3.78

Major GPA: 3.85

**Research Experience:**

Texas A&M University at Galveston, September 2015 - present

- Research Assistant in Coastal and Wetlands Ecology Lab
- Mentor: Dr. Anna Armitage

UCLA Field Marine Biology Quarter, January 2014 - March 2014

- Field research in Moorea, French Polynesia
- Mentors: Dr. Peggy Fong and Dr. Daniel T. Blumstein
- Studied the effect of an MPA on the behavior of an unharvested fish species using analysis of flight initiation distance
- Studied the effect of coral cover and topography on algal growth and herbivory rates on a recovering reef

UCLA Fong Lab, June 2012 - July 2013, Lab Assistant

- Mentors: Ph.D. Student Sarah Joy Bittick and Dr. Peggy Fong
- Lab focused on Seagrass ecology along California coast, evaluating the effect of macroalgae on seagrass growth and the impact on further trophic levels
- Performed lab work and field work in Bodega Bay seagrass beds for sample collection, treatment, and analysis

**Employment:**

Ocean Institute, March 2015 - August 2015, Instructor

- Marine science instructor for education programs in onshore lab, floating lab, and Dana

Point Marine Life Refuge

- Outdoor education instructor in Southern California ecology and biology at Lazy W. Ranch, Cleveland National Forest
- Instructor for marine science summer camps

Heal the Bay, September 2014 - July 2015, Aquarist Intern at Santa Monica Pier Aquarium

- Husbandry and care for marine life, including feeding, cleaning, and maintenance
- Public education and outreach on local marine life and environmental issues affecting the Santa Monica Bay

Malibu Vet Clinic, March 2013 to August 2014, Front desk administrator and veterinary assistant

- Answered phones, checking patients in and out, and taking patient histories
- Assisted veterinarian with treatment, animal handling, and administering vaccines

**Honors and Awards:**

- Dean's Honors List - Winter 2011, Fall 2011, Spring 2012, Fall 2012, Fall 2013, Winter 2014
- Ecology and Evolutionary Biology Departmental Honors, 2014

**Publications:**

Tran, D.S.C., Langel, K.A., **Thomas, M.J.**, and D.T. Blumstein. 2016. Spearfishing induced behavioral changes of an un-harvested species inside and outside a marine protected area. *Current Zoology* 62:xxx-yyy.

**Presentations**

- Field and Marine Biology Quarter Research Symposium Winter 2014  
*"Spearfishing induced behavioral changes of an un-harvested species inside and outside a marine protected area" and "Herbivory rate and nutrient-enriched change in algal biomass vary with coral cover but not topographic complexity on a recovering reef"*
- UCLA Science Poster Day 2014
- UCLA Department of Ecology and Evolutionary Biology Annual Research Symposium 2014

**Other Skills:**

- PADI Open Water SCUBA certified
- First Aid and CPR/AED certified
- Proficient in written and spoken Spanish
- Experience with Stata, JMP, R, AVImark, Cornerstone, Microsoft Word, Powerpoint, Excel, iLife Suite, Photoshop