

Tiffany Lewis
Arizona State University
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Education

Arizona State University
PhD in Environmental Life Sciences
2015- current

University of California Davis
MS in Integrative Ecology, Ecotoxicology Emphasis
2015

University of North Carolina Wilmington
MS in Marine Biology
2010

Arizona State University
BS in Conservation Biology
2007

Research Interests

Marine ecology, ecotoxicology, seafood, environmental contaminant transparency for the public, marine mammals, scientific teaching

Teaching Experience

Spring 2015- current Arizona State University
Teaching Assistant
Anatomy and Physiology

2011-2013 San Diego State University
Teaching Associate
Ecology

2012- 2013 University of California Davis
Teaching Outreach
Adventures in Science: taking science into middle schools

2008- 2010 University of North Carolina Wilmington
Teaching Assistant
Plant and Animal Biodiversity
Cell and Molecular Biology

2005-2015 **SCUBA Diving Instructor**
Master SCUBA diver trainer

Research Experience

2009- 2010 Marine Biofluidynamics and Ecology Lab
University of North Carolina Wilmington
Research Assistant

2010 Research Vessel Walton Smith
Rosenstiel School of Marine and Atmospheric Science
(RSMAS)
Research Vessel Cape Hatteras
Duke/ University of North Carolina Oceanographic
Consortium
Primary Investigator- Joseph Pawlik
Research Scientist and Dive Safety Officer

2008- 2010 National Undersea Research Center,
University of North Carolina Wilmington
Key Largo, Florida
Research Scientist

2009- 2012 Research Vessel Walton Smith
Rosenstiel School of Marine and Atmospheric Science
(RSMAS)
Destination: Bahamas
Primary Investigator- Howard Lasker
Research Scientist

2008 Research Vessel Seward Johnson, NOAA
Destination: Bahamas
Primary Investigator- Joseph Pawlik
Research Scientist

2009 Benthic Ecology Research Laboratory, Center for Marine
Science
University of North Carolina Wilmington, Wilmington, NC
Volunteer Assistant

2006-2010	Fisheries Centre, University of British Columbia, Vancouver, BC Research Assistant
2004-2008	Marine Conservation Laboratory Arizona State University, Phoenix, AZ Field Research Assistant
2005-2008	Biodesign Institute- Charles Arntzen Arizona State University, Phoenix, AZ Plant Vaccinology Lab Technician
2007	Arizona Game and Fish Sipe Wilderness Area, Arizona Research Assistant
2006	Institute for Tropical Marine Ecology Dominica, Caribbean General Coral Reef Research
Service	
2015- current	manage website content, news updates Center for Biodiversity Outcomes Gerber lab
2015- current	East African American Independence Trust Secretary and Trust Board Member
2011- 2012	Marine Ecology and Biology Student Association Coastal Marine Institute Lab San Diego State University, San Diego, CA Outreach and communications co-coordinator
2009- 2010	Department of Biology and Marine Biology University of North Carolina Wilmington, Wilmington, NC Extended Ecology Laboratory Moderator
2009- 2010	Department of Biology and Marine Biology University of North Carolina Wilmington, Wilmington, NC GA/TA/RA Committee Student Representative
2008- 2010	Department of Biology and Marine Biology University of North Carolina Wilmington, Wilmington, NC Graduate Advisory Committee Master Student Representative

Presentations

- 2009 Benthic Ecology Meeting
 Corpus Christi, Texas
 The effects of epizoic zoanthids on Caribbean vase sponges
- 2010 Benthic Ecology Meeting
 Wilmington, NC
 Symbiosis of zoanthids and Caribbean vase sponges

Scientific Publications

Lewis T.B. and C. Finelli (2014) Epizoic zoanthids reduce pumping in two Caribbean vase sponges. *Coral Reefs* 34: 291-300.

McMurray S.E., J. Vicente, K. Jabanoski K, T.B. Lewis (2012)
Spawning of the basket star *Astrophyton muricatum* in the Bahamas Coral Reefs.
Coral Reefs 31(3) 703.

Wielgus J., A. Balmford, T.B. Lewis, C. Mora, L.R. Gerber (2010)
Coral reef quality and recreation fees in marine protected areas.
Conservation Letters 3(1): 38-44.