

Lindsey Marie George

Coastal Conservation and Restoration Ecology Lab
Department of Life Sciences
Texas A&M University-Corpus Christi
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Education

- 2013 M.S. Marine Biology (in progress), Texas A&M University-Corpus Christi, Corpus Christi, TX
2009 B.S. Wildlife & Fisheries Sciences: Wildlife Ecology and Conservation, Texas A&M University, College Station, TX
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Present Position

May 2012 – present *Graduate Research Assistant*, Coastal Conservation and Restoration Ecology Lab, Department of Life Sciences, Texas A&M University-Corpus Christi, Corpus Christi, TX
Mentor: Dr. Jennifer Pollack, Assistant Professor and Fisheries & Mariculture Program Coordinator

Thesis Research:

Title: Relative habitat value of alternative substrates used in oyster reef restoration.

Objectives: Field Experiments: (1) Quantify oyster spat recruitment using alternative substrates, (2) Evaluate habitat value of alternative substrates with regards to faunal density, (3) Evaluate habitat value of alternative substrate with regards to faunal diversity
Laboratory Experiments: (1) Examine prey habitat selection in the absence of a predator, (2) Examine prey habitat selection in the presence of a predator

Professional Experience

- 2011 – 2012 *Graduate Teaching Assistant*, College of Science & Technology, Texas A&M University-Corpus Christi, TX
2010 – 2011 *SCUBA Diver/Educator/Assistant Biologist*, Downtown Aquarium –

2009 Houston, TX
Biology Intern, Downtown Aquarium – Houston, TX

Teaching Experience

2011– 2012 *Teaching Assistant – Laboratory Instructor, Introductory Biology I and Introductory Biology II*

Proceedings, Symposia, & Conference Presentations

2012 George LM, Pollack JB, Blomberg BN, Nevins JA. Alternative substrates for oyster reef Restoration on Habitat Selection by Fish and Macroinvertebrates. Poster Presentation, Benthic Ecology Meeting. Norfolk, VA.

2012 George LM, Pollack JB, Blomberg BN, Nevins JA. Relative habitat value of alternative substrates for oyster reef restoration in St. Charles Bay, TX. Poster Presentation, Texas Bays and Estuaries Meeting. Port Aransas, TX.

Awards & Honors

2012 *Research Assistantship*, Coastal Conservation and Restoration Ecology Lab, Texas A&M University-Corpus Christi

2012 *ELITE Cohort Member*, ELITE Graduate Program, Texas A&M University-Corpus Christi

2012 *Teaching Assistantship*, College of Science & Technology, Texas A&M University-Corpus Christi

2011 *Hans & Pat Suter Scholarship* (\$1000) Coastal Conservation Association-Texas Chapter University-Corpus Christi

2011 *Teaching Assistantship*, College of Science & Technology, Texas A&M University-Corpus Christi

2009 *Distinguished Student*, Spring Semester, Texas A&M University, College Station, TX

2008 *Member*, Alpha Zeta Honor Fraternity-Texas Alpha Chapter

2005 *Girl Scout Gold Award*, World Association of Girl Guides and Girl Scouts-San Jacinto Council

Scientific Organizations

2012 – present *Member*, Marine Science Graduate Student Organization, Texas A&M University-Corpus Christi

Research Experience

- Relative habitat value of alternative substrates used in oyster restoration
 - Oyster reef monitoring in the Mission-Aransas Bay System, TX
 - The effect of temperature on species composition in subtidal rocky reef zones on Champagne Reef, Dominica
 - Coral Richness in relation to depth and water quality at Champagne Reef, Dominica
 - Assessment of restored wetland floral and faunal species density and diversity in comparison to natural wetlands in Galveston, TX
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Skills & Certifications

- SCUBA, PADI open water
 - American Red Cross CPR, First Aid, Oxygen, and AED
 - Field sampling techniques: trawl, dredge, drop sampler, seine nets, Van Dorn sampler, sediment core
 - Microsoft Office suite
 - Data analysis packages: SAS, R
 - STELLA Modeling and Simulation
 - ArcGIS
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Volunteer Service & Outreach

- 2012 Invited speaker - Kostoryz Elementary Earth Day Celebration, Corpus Christi, TX
2012 Oyster Reef Restoration Event, Goose Island State Park, TX