

# Christopher Ledford

Texas A&M University at Galveston Department of Liberal Studies  
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## Education

- Master of Science, Biology – *Texas A&M University-Corpus Christi, TX* 2003  
Thesis: *Comparisons of Coral Species, Diversity and Abundance between Patch Reefs and Shallow Reefs of the Sian Ka'an Biosphere Reserve, Quintana Roo, Mexico*
- Bachelor of Science, Marine Biology and Zoology – *Humboldt State University, Arcata, CA* 1997
- Marine Parks Management course, School for Field Studies – CMRS, Turks & Caicos Islands 1996

## Certifications

- AAUS Scientific Diving Instructor #18739
- SDI/TDI SCUBA Instructor #19055 (incl. Advanced Nitrox, Deco Procedures and Helitrox)
- NAUI SCUBA Instructor #18748
- DAN DEMP Instructor (CPR/FA, O<sub>2</sub>, etc.)
- NSS-CDS Full Cave
- IANTD Closed Circuit Rebreather Diver – Mixed Gas and Full Cave
- Specialty instructor ratings in Underwater Photography, Solo, Deep
- DSAT Gas Blender
- Scubapro, Poseidon & Dive Rite Regulator Technician
- PSI-PCI Visual Cylinder Inspector #26876
- US Coast Guard 100 Ton Master License #1152771

## Leadership

AAUS Board of Directors – Secretary – Jan 2016 – Dec 2017  
Texas Historical Commission Marine Archaeology Program – Diving Control Board - 2015 - 2018  
Texas Diving Safety Officer Group – Founder & Meeting Facilitator - 2014 - present  
Texas A&M University – Galveston, Diving Control Board – 2012, 2016 - present

## Publications

Thompson-Grim, J., Ledford, C., (2017 October) Release the Kraken!, *Texas Saltwater Fishing Magazine*, Vol 27, No. 7. pp. 42-43.

Ledford, C., (2015) Use of Dual Laser Photogrammetry for use in Measuring Reef Fish: Techniques, Pitfalls and Limitations. *Diving for Science 2015: Proceedings of the AAUS 34th Scientific Symposium*, Sept 28-Oct 3, 2015, Key West FL. American Academy of Underwater Sciences.

Ledford, C., (2014, January) Rig Donation: A step-by-step guide, *Marine News*, Vol 25, No. 1. pp. 40-44.

Ledford, C., J.W. Tunnell, K. Withers, (2003) Comparison of coral species diversity and abundance between patch reefs and shallow reefs of the Sian Ka'an Biosphere Reserve, Quintana Roo, Mexico. *Sian Ka'an Series No. 9*.

## Photo publications

*Texas Saltwater Fishing, Texas Traveler, Dive Training Magazine, Houston Chronicle, The Galveston Daily News, Texas Parks and Wildlife Magazine and website, Marine News, Gulf 360: The State of the Gulf of Mexico, Vertical Reefs: Life on Oil and Gas Platforms in the Northwestern Gulf of Mexico by Dr. Mary Wicksten, USAA.com - From Combat to Coral: D-Day Ships Serve New Purpose 70 Years Later*

## **Relevant Work Experience**

Instructional Assistant Professor, Scientific Diving Safety Officer – TAMU Galveston <i>Department of Liberal Studies</i> Courses taught: DIVE 250 – Scuba I Lab DIVE 251 – Scuba II Lab DIVE 260 – Scuba III Lab DIVE 330 – Rescue Diving DIVE 331 – Alternative Diving Technology DIVE 357 – Dive Master DIVE 410 – AAUS Scientific Diver Lab DIVE 489 – Field Experiences in Scientific Diving DIVE 489 – Expedition Planning Fusion (rec sports) Courses taught: Advanced Nitrox/ Decompression Procedures with Helitrox	Aug 2018- Present
Recreational Diving Safety Officer – Texas A&M University Galveston	Aug 2018- Sep 2020
Diving Safety Officer, Artificial Reef Specialist – Texas Parks & Wildlife Dept., Dickinson, TX	2010 – 2018
Scientific Diver, Boat Captain, Dive Leader – North Shore Explorers, Maui, HI	2007 – 2008
Project Manager – Marine Mammal Observer Program – RPS Energy, Houston, TX	2003 – 2005
Research Assistant – Environmental Microbiology Lab, Texas A&M University-Corpus Christi, TX	2002
Teaching Assistant – Texas A&M University-Corpus Christi, TX <i>Department of Physical and Life Sciences</i> Courses taught: Anatomy and Physiology Lab Biology 1 Lab Introduction to Microbiology Lab	2001 – 2002