

# JILL C. THOMPSON-GRIM

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314 Harte Research Institute  
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## EDUCATION

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- M.S.** Texas A&M University-Corpus Christi, Marine Biology (Expected) May 2020  
Advisor: Dr. Greg Stunz
- B.S.** Texas A&M University at Galveston May 2018  
Major: Marine Biology  
Minor: Diving Technology and Methods  
Thesis: Detection of Invasive Lionfish (*Pterois volitans/Pterois miles*) in the Gulf of Mexico Using Environmental Methods  
Graduated Summa Cum Laude  
GPA: 3.95

## RESEARCH AND FIELD EXPERIENCE

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- Undergraduate Research Scholar**, Texas A&M University, Galveston TX 2016-2018  
Advisor: Dr. Jaime R. Alvarado-Bremer
- Successfully detected and quantified the relative abundance of Lionfish (*Pterois volitans/Pterois miles*) in the Gulf of Mexico using environmental DNA shed in water column of Gulf of Mexico.
  - Created novel methods for detection that can be applied to broad range of aquatic species through optimization of species specific primers and serial dilutions.
- NOAA Flower Gardens National Marine Sanctuaries**, Galveston TX 2015-2018  
**Volunteer**
- Assisted in building computer code for the FGNMS Long Term Monitoring Project then analyzed and identified organisms found at different depths using program.
  - Conducted roving diver fish surveys, water quality collection surveys, and specimen collection during monitoring trips.
- Texas Parks and Wildlife-Artificial Reef Program**, Dickinson TX 2017  
**Intern**
- Maintained and analyzed vertical longline, fish survey, water quality, and lionfish sighting databases using knowledge of Microsoft Access, Microsoft Excel, Adobe Photoshop, Adobe Illustrator, and various videos editing programs.
  - Collected data for roving diver surveys, video diver surveys, vertical longline surveys, gill net surveys, and bag seine surveys.

**Shark Biology and Fisheries Science, Galveston TX** 2016-2017  
**Volunteer, Texas A&M University at Galveston**

- Identified and analyzed stomach and intestinal contents of Red Snapper caught on artificial reefs.
- Prepared tissue samples for isotope analysis while working on DEEPEND Project funded by the Gulf of Mexico Research Initiative.
- Extracted otoliths from mesophotic fish species.

#### **HONORS AND AWARDS**

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Aggies Commit to Excellence Research Scholar	2017-2018
Applied Biodiversity Science Conservation Scholar	2017-2018
AHEAD in Texas Scholarship	2017-2018
Jeffery H. Giles Memorial Scholarship	2017-2018
William P. Ricker Memorial Award	2016-2018
TAMUG Academic Achievement Scholarship	2014-2018
Deans Honor Roll Award	2014-2018
S. G. Stubbs & E. M. Overbeck Scholarship II	2016-2017
Beta Beta Beta Biological Honor Society	2014-2018
Lambda Kappa Alpha Honors Society	2014-2018

#### **PROFESSIONAL AFFILIATIONS**

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**TAMUG Diving Control Board Undergraduate Representative, 2016-2017**

Collaborated with other Diving Control Board (DCB) representatives about decision making that affected university dive practices, as well as helped update the university dive safety manual. Other responsibilities included acting as a liaison between undergraduate students facing problems with the university diving program and the faculty members on the DCB.

#### **CERTIFICATIONS**

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AAUS Scientific Diver Rating to 100'	2016
SSI Rescue Diver	2015