

# CURRICULUM VITAE

## TARA S. TOPPING

### ADDRESS

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### EDUCATION

Auburn University	Fisheries Science	M.S.	2011
University of Rhode Island	Marine Biology	B.S.	2006

### PROFESSIONAL EXPERIENCE

2016 – present      *Research Specialist II*, Center for Sportfish Science and Conservation, Harte Research Institute, Texas A&M University- CC.

2015 – 2016      *Research Specialist I*, Center for Sportfish Science and Conservation, Harte Research Institute, Texas A&M University- CC.

2014 – 2015      *Research Technician I*, Center for Sportfish Science and Conservation, Harte Research Institute, Texas A&M University- CC.

2011 – 2014      *Biological Scientist I*, Florida Fish and Wildlife Conservation Commission, Fisheries Dependent Monitoring.

2006 – 2007      *Seasonal Policy Intern*, Rhode Island Department of Environmental Management.

2005              *Biological Sciences Lab Technician*, National Marine Fisheries Science Center.

### PUBLICATIONS

**Topping**, T.S., M.K. Streich, M.R. Fisher, and G.W. Stunz. A comparison of private recreational fishing effort for Gulf of Mexico Red Snapper during derby and extended seasons. *North American Journal of Fisheries Management*. (In Review)

Liu, B., L.S. Stokes, T.S. **Topping**, and G.W. Stunz. 2017. Estimation of total from a population of unknown size and application to estimating recreational Red Snapper catch in Texas. *Journal of Survey Statistics and Methodology* 0: 1–22. doi: 10.1093/jssam/smx006.

**Syc**, T.S., and S.T. Szedlmayer. 2012. A comparison of the size and age of red snapper (*Lutjanus campechanus*) with the age of artificial reefs in the northern Gulf of Mexico. *Fishery Bulletin* 110: 458–469.

### TECHNICAL REPORTS

Stunz, G.W., J.M. Curtis, and T.S. **Topping**. 2016. Sharks with Spectators III: Real-time, Global Tracking of Texas' Marine Apex Predators for Science, Education, and Outreach. Texas State Aquarium Wildlife Care, Conservation, and Rehabilitation Program Final Report. 8 pp.

Stunz, G.W., D. Yoskowitz, M. Fisher, M. Robillard, and T. **Topping**. 2016. Implementation of the iSnapper smartphone application to collect data across all recreational sectors in the Gulf of Mexico. NOAA Marine Recreational Information Program FY 2014 Final Report. 42 pp.

## **INVITED SPEAKER**

### **2018**

Topping, Tara. 2018. Sharks with Spectators: Real-time Tracking of Texas' Marine Apex Predators. Texas Maritime Museum. Rockport, TX.

### **2017**

Topping, Tara, Megan Robillard, Mark Fisher, Lynne Stokes and Greg Stunz. 2017. Using "Smart" Devices as Data Collection Tools for the Private Recreational Fishing Sector. South Atlantic Fisheries Management Council Meeting. Atlantic Beach, NC.

### **2016**

Topping, Tara. 2016. Sharks with Spectators! Real-time tracking of Texas' marine apex predators. Science of Tap. Corpus Christi Science Museum. Corpus Christi, TX.

Topping, Tara. 2016. CSSC Project Overview: Women in Careers. YWCA. Robstown, TX.

Topping, Tara. 2016. CSSC Project Overview. Leadership Texas. Harte Research Institute. Corpus Christi, TX.

### **2015**

Topping, Tara. 2015. iSnapper: A data collection app for private recreational anglers. Texas Parks and Wildlife Department - Coastal Resources Advisory Committee to the Texas Parks and Wildlife Commission. Rockport, TX.

### **2014**

Topping, Tara. 2014. iSnapper: overview of objectives and methodology. Marine Recreational Information Program Workshop. New Orleans, LA.

## **ABSTRACTS, PROCEEDINGS, AND CONFERENCE PRESENTATIONS:**

\* Denotes Best Presentation; † International/National; ^Regional

### **2017**

Gibson, K.J., T.S. **Topping**, J.J. Wetz, and G.W. Stunz. 2017. The Use of Migratory Shark Data as a Proxy for the Potential Impact of an Oil Spill in the Northern Gulf of Mexico. Marine Biology Interdisciplinary Program Retreat. Texas A&M University- Galveston, Galveston, TX.<sup>^</sup>

### **2016**

Gibson, K.J., T.S. **Topping**, J.J. Wetz, and G.W. Stunz. 2016. The Use of Migratory Shark Data as a Proxy for the Potential Impact of an Oil Spill in the Northern Gulf of Mexico. C-IMAGE All Hands Meeting: Part II. St. Petersburg, FL.<sup>†</sup>

### **2015**

**Topping**, T.S., M.R. Robillard, D.W. Yoskowitz, M. Fisher, G.W. Stunz. 2015. iSnapper: Improving private recreational data collection in the Gulf Red Snapper fishery using a smartphone application. 145<sup>th</sup> Annual Meeting of the American Fisheries Society. Portland, OR.<sup>†</sup>

## 2011

\*Syc, T.S. and S.T. Szedlmayer. 2011. A Comparison of Red Snapper, *Lutjanus campechanus*, from “old” (2006) to “new” (2009/2010) Artificial Habitats in the Northern Gulf of Mexico. Alabama Fisheries Association, Mobile, Alabama.<sup>Δ</sup>

## RESEARCH PROJECTS

2016 – Current	Determining apex predator migration and habitat using satellite and acoustic telemetry
2017 – 2018	iSnapper: Electronic data collection in the Gulf of Mexico Red Snapper recreational fishery. National Fish and Wildlife Foundation.
2015 – 2018	Center for Integrated Modeling and Analysis of Gulf Ecosystems - CIMAGE. Gulf of Mexico Research Initiative.
2014 – 2015	Implementation of the iSnapper smartphone application to collect data across all recreational sectors in the Gulf of Mexico. National Oceanic and Atmospheric Administration – Marine Recreational Information Program.

## PROFESSIONAL SKILLS

- PADI open water and SSI NITROX certified
- Over 350 dives completed ranging from 60 – 115 ft, including low visibility and search and salvage dives