

January 2022

DR. KESLEY GIBSON BANKS
CUMULATIVE VITAE

ADDRESS

Center for Sportfish Science and Conservation
Harte Research Institute for Gulf of Mexico Studies
Texas A&M University- Corpus Christi
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EDUCATION

Year	Degree	Field of Study	Institution
2019	Ph.D.	Marine Biology	Texas A&M University Texas A&M University-Corpus Christi
2015	M.S.	Environmental Science	Troy University
2012	B.S.	Biology	University of Tennessee at Martin

PROFESSIONAL EXPERIENCE

2021 – Present	Assistant Research Scientist (Harte Research Institute for Gulf of Mexico Studies, Texas A&M University – Corpus Christi)
2019 - 2021	Postdoctoral Research Associate (Harte Research Institute for Gulf of Mexico Studies, Texas A&M University – Corpus Christi)
2016 - 2019	Marine Biology Ph.D. program Research Assistantship – Harte Research Fellow (Texas A&M University-Corpus Christi)
2016 - Present	Divemaster (PADI # 290493) (Texas A&M University-Corpus Christi)
2015	Graduate Teaching Assistant (Texas A&M University- Corpus Christi) Fall 2015 – Anatomy and Physiology I & II
2014 - 2015	ALFA Graduate Research Fellow (Troy University)
2013 - 2014	Graduate Teaching Assistant (Troy University) Fall 2013 – Principles of Biology 1100L Spring 2014 – Principles of Biology 1100L
2013	Summer Camp Counselor at Dauphin Island Sea Lab, Discovery Hall Program
2012 - 2013	Adjunct Faculty Lab Instructor (University of Tennessee at Martin) Fall 2012 - Biology 140, Microbiology 251 Spring 2013 – Biology 140, Microbiology 251
2008 - 2012	Campus Recreation (University of Tennessee at Martin) Supervisor (2010 - 2012) Lifeguard (2008 - 2012) Water Safety Instructor (2008 - 2012)
2008 - 2012	Divemaster (PADI # 290493) (Aqua Zone SCUBA)
2009 - 2010	Summer Camp Counselor at Dauphin Island Sea Lab, Discovery Hall Program

AREAS OF SPECIALIZATION

Research interests are in marine biology with emphasis in sportfishes and marine ecology. My research focuses on marine ecological issues such as understanding the ecological role of marine habitats, migration patterns of marine species, and marine fisheries management. Much of my research includes citizen science, outreach, and engaging the general public to promote transparency in the scientific process.

GRANTS

TOTAL: \$1,160,061

2022-2025	Trophic linkages and habitat connectivity of popular sportfish in the Matagorda Bay system. Matagorda Bay Mitigation Trust. K Banks (PI), M. Streich (Co-PI), J. Dutton (Co-PI)	\$399,932
2022 - 2024	Shining light on harvest and effort for the recreational flounder gig fishery in Texas. Texas Sea Grant . G. Stunz (PI), K. Gibson (Co-PI), M. Streich (Co-PI)	\$296,913
2021	Continuing the CCA's citizen science tagging partnership to understand sportfish movements, habitat use, and population dynamics. Coastal Conservation Association – Texas . G. Stunz (PI), K. Banks (Co-PI)	\$6,000
2020 - 2022	Movement ecology of shortfin makos off Texas and the Gulf of Mexico. Texas Parks and Wildlife Department State Wildlife Grants . G. Stunz (PI), K. Gibson (Co-PI), D. Coffey (Co-PI)	\$99,831
2020	Estimating the absolute abundance of Red Snapper in the U.S. Gulf of Mexico: Supplemental funding for the mark-recapture tagging component reward funding. National Oceanic and Atmospheric Association . G. Stunz (PI) - *role included proposal preparation as a postdoctoral researcher	\$57,725
2019	Post-release mortality and behavior of sharks in shore-based recreational fisheries of Texas using citizen scientists and low-cost tags. National Oceanic and Atmospheric Association Cooperative Research Program . J. Mohan (PI), R.J.D. Wells (Co-PI), M. Drymon (Co-PI), G. Stunz (Co-PI), M. Streich (Co-PI) - *role included proposal preparation as a student and postdoctoral researcher	\$246,503
2018 - 2019	Recovering the acoustic array at the Corpus Christi Nearshore Reef in the aftermath of Hurricane Harvey. National Academies of Sciences, Engineering, and Medicine – Gulf Research Program . J. Curtis (PI), M. Streich (Co-PI) - *role included proposal preparation as a student	\$49,657
2017 - 2018	Mapping Fish Habitat: Where do they go? - Texas Sea Grant's Grants-in-Aid of Graduate Research Award . K. Gibson (PI)	\$2,000
2011 - 2012	Evolutionary relationships within the millipede suborder Spirobolidea - College of Engineering and Natural Sciences . K. Pitz (PI), K. Gibson (Co-PI)	\$1,500

PUBLICATIONS

Peer-Reviewed

14. **Gibson Banks, K.**, Curtis, J.M., Williams, J.A., Wetz, J.J., Stunz, G.W. 2021. Designing cost-effective artificial reefs: fine-scale movement and habitat use of

- Red Snapper (*Lutjanus campechanus*) around a nearshore artificial reef complex. North American Journal of Fisheries Management. DOI:10.1002/nafm.10698.
13. Miller, J.M., **Banks, K.G.**, Stoeckel, J., Helms, B., Stewart, P.M. 2022. Life History Study of *Procambarus (Pennides) versutus*. Journal of Crustacean Biology.
 12. **Gibson Banks, K.**, Streich, M.K., Curtis, J.M., Stunz, G.W. *Submitted*. Influence of Hurricane Activity on Red Snapper (*Lutjanus campechanus*) Movements within an Artificial Reef Complex. Marine and Coastal Fisheries.
 11. **Gibson Banks, K.**, Streich, M.K., Stunz, G.W. In prep. Age and Growth of King Mackerel *Scomberomorus cavalla* in the western Gulf of Mexico. Fisheries Bulletin.
 10. **Gibson, K.J.**, Coffey, D.M., Ajemian, M.J., Stunz, G.W. In prep. Movements of Sandbar sharks around artificial reefs in the western Gulf of Mexico. Animal Biotelemetry.
 9. **Gibson, K.J.**, Gibson, M.A., Pritchett, M.A. In review. Isolating Microbes from the Surface of an Introductory Laboratory Halite Hand-sample. Journal of Geoscience Education.
 8. **Gibson, K.J.**, Streich, M.K., Topping, T.S., Stunz, G.W. 2021. New Insights into the Seasonal Movement Patterns of Shortfin Mako Sharks in the Gulf of Mexico. *Frontiers in Marine Science*. 8:623104. DOI:10.3389/fmars.2021.623104.
 7. **Gibson, K.J.**, Streich, M.K., Topping, T.S., Stunz, G.W. 2019. Utility of Citizen Science Data: A Case in Land-based Shark Fishing. *PLOS ONE*. DOI:10.1371/journal.pone.0226782.
 6. **Gibson, K.J.** 2019. Movement Patterns and Habitat Use for Fishery Species of Varying Life History Strategies. PhD Dissertation. Texas A&M University-Corpus Christi, Corpus Christi, TX.
 5. **Gibson, K.J.**, Miller, J.M., Johnson, P.D., Stewart, P.M. 2018. Acute Toxicity of Three Freshwater Mussel Species and Two Freshwater Snail Species using Chloride, Potassium, Nickel and Zinc. *Southeastern Naturalist* 17(2): 239-256.
 4. **Gibson, K.J.**, Miller, J.M., Johnson, P.D., Stewart, P.M., 2016. Toxicity of Sodium Dodecyl Sulfate to Federally Threatened and Petitioned Freshwater Mollusk Species. *Freshwater Mollusk Biology and Conservation* 19: 29-35.
 3. Stoeckel, J., Helms, B., Catalano, M., Miller, J.M., **Gibson, K.J.**, Stewart, P.M., 2015. Field and Model-based Evaluation of a Low-cost Sampling Protocol for a Coordinated, Crayfish Life-history Sampling Effort. *Freshwater Crayfish* 21(1): 131-141. Doi:10.5869/fc.2015.v21-1.131.
 2. **Gibson, K.J.**, 2015. Acute Toxicity Testing on Freshwater Mussels (Bivalvia: Unionidae) and Freshwater Snails (Gastropoda: Caenogastropoda). MS Thesis. Troy University, Troy, AL.
 1. **Gibson, K.** 2008. The Effects of Fungal Farming on the Population Density of *Littorina littorea* at Dauphin Island. *Handbook and Proceedings of the Tennessee Junior Academy of Science*. 143-145.

Non-Refereed

7. **Banks, Kesley**, and Coffey, Daniel. "Taking on Makos." *Tide Magazine*. December/January 2022.
6. **Banks, Kesley**. "Hidden Threat: There is more than one good reason to leave those big breeder size red drum in the water." *Tide Magazine*. October/November 2021.
5. **Banks, Kesley**. "Gulf Oases: Man-made structures might provide vital habitat for highly migratory species." *Marlin Magazine*. June 2021.
(https://www.marlinmag.com/story/travel/oil-rigs-in-the-gulf-of-mexico/?utm_source=internal&utm_medium=email&tp=i-1NGB-Et-Uzm-1K6lyV-1c-SSth-1c-1K6kBi-168MjFpmf7-M9SnE)
4. **Gibson, Kesley**. "Up to the Task." *Tide Magazine*. March/April 2020.
3. **Gibson, Kesley**. "Artificial reefs providing a new home base." *Tide Magazine*. March/April 2019.
2. **Gibson, Kesley**. "Citizens Help Science". *Tide Magazine*. September/October 2016.
1. **Gibson, Kesley**. "Harvey the Mako Shark". *ArgosFlash USA*. August 2016 (5).

ABSTRACTS AND PRESENTATIONS

23. Richards, T.M., Mohan, J. A., Binstock, A., Drymon, M., **Gibson Banks, K.**, Streich, M., Stunz, G., White, C., Whitney, N., Wells, R.J.D. 2022. Post-release mortality and behavior of sharks in shore-based recreational fisheries using citizen scientists and low-cost tags. Texas American Fisheries Society. Mo-Ranch, TX, 3-5 February 2022.
22. Hayne, A.H.P., Dewar, H., Snodgrass, O., Natanson, L., Sosa-Nishisaki, O., Joung, S., Yu, C., Francis, M., Finucci, B., Cardoso, L.G., Stunz, G., **Banks, K.G.**, Lui, K., Zernike, S., Wells, R.J.D., Mohan, J.A. 2021. Exploring element patterns in shark vertebrae cartilage to enhance age estimates. American Fisheries Society Annual Meeting. Baltimore, MD. 6-10 November 2021.
21. Ajemian, M.J., McCallister, M.P., **Gibson, K.J.**, Streich, M.K., Stunz, G.W. 2020. Moving Beyond Reef Fish: Understanding Artificial Reef Use by Highly Mobile Species. Florida Artificial Reef Summit 2020.4-6 November 2020.
20. Ketchum, J.R., Deacy, B.M., **Gibson, K.J.**, Stunz, G.W., Dutton, J. 2020. Mercury Concentrations in Sharks from the Northern Gulf of Mexico. Gulf Estuarine Research Society Virtual Conference. 16-18 November 2020.
19. **Gibson, K.J.**, Topping, T.S., Ajemian, M.J., Stunz, G.W., 2019. Preliminary Results: Migration Patterns of Shortfin Mako Sharks in the Gulf of Mexico. Marine Biology Interdisciplinary Program Retreat. Corpus Christi, TX, 11-12 January 2019.
18. **Gibson, K.J.**, Topping, T.S., Ajemian, M.J., Stunz, G.W., 2018. Migration Patterns of Shortfin Mako Sharks in the Gulf of Mexico. MarCuba 2018: XI Congreso de Ciencias del Mar, Havana, Cuba, 15-19 October 2018.
18. Gibson, M.A., **Gibson, K.J.**, Gibson, B. M., 2018. A well-preserved probable squirrelfish from the Coon Creek Formation (Late Cretaceous), Western Tennessee. Geological Society of America Annual Meeting, Indianapolis, Indiana, 4-7 November 2018.

17. Gibson, M.A., Gibson, B. M., **Gibson, K.J.**, 2018. A well-preserved squirrelfish the Coon Creek Formation (Late Cretaceous), Western Tennessee. Southeastern Association of Vertebrate Paleontology, Aurora, North Carolina, 23-27 May 2018.
16. Murawski, S.A., Olascoaga, M., Paris, C., Miron, P., Bernstein, I., Beron-Vega, F., Chancellor, E., Stunz, G., **Gibson, K.**, Gracia, A., Armenteros, M., Tunnell, W., Peebles, E., 2018. Factors Determining Observed Patterns of Continental Shelf Fish Species Distribution and Apparent Connectivity in the Gulf of Mexico. Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans, Louisiana, 5-8 February 2018.
15. **Gibson, K.J.**, Williams, J.A., Curtis, J.M., Wetz, J.J., Stunz, G.W., 2017. Fine-Scale Movements of Red Snapper at the Corpus Christi Nearshore Reef, TX, American Fisheries Society Annual Meeting. Tampa, Florida, 21-24 August 2017.
14. **Gibson, K.J.**, Ferguson, A.B., Ajemian, M.J., Stunz, G.W., 2017. Recreational Anglers as Citizen Scientists: Tournaments Promote a Better Understanding of Texas Coastal Shark Populations. Texas Bays and Estuaries Meeting. Port Aransas, Texas, 12-13 April 2017. (Won 3rd place)
13. **Gibson, K.J.**, Williams, J.A., Curtis, J.M., Wetz, J.J., Stunz, G.W., 2017. Fine-Scale Movements of Juvenile Red Snapper at the Corpus Christi Nearshore Reef, Texas. Texas Parks and Wildlife Department Artificial Reef Program 4th Annual Science and Research Consortium. Corpus Christi, Texas, 26-27 January 2017.
12. **Gibson, K.J.**, Topping, T.S., Wetz, J.J., Ajemian, M.J., Stunz, G.W., 2016. 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. Galveston, Texas, 13-14 January 2017.
11. **Gibson, K.J.**, Topping, T.S., Wetz, J.J., Ajemian, M.J., Stunz, G.W., 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. Pete, Florida, 7-9 December 2016.
10. Ajemian, M.J., **Gibson, K.J.**, Stunz, G.W., 2016. Movement patterns of large sharks in the northwestern Gulf of Mexico. 69th Annual Meeting of the Gulf and Caribbean Fisheries Institute. Grand Cayman, Cayman Islands, 7-11 November 2016.
9. Stewart, P.M., **Gibson, K.J.**, Miller, J.M., Johnson, P.D., 2015. Acute Toxicity of Mobile River Basin Endemic Freshwater Mollusks. Alabama Water Resources Conference, Orange Beach, Alabama, 10-11 September 2015.
8. **Gibson, K.J.**, Miller, J.M., Johnson, P.D., Stewart, P.M., 2015. Acute Toxicity Freshwater Mussel Species (Bivalvia: Unionidae) and Freshwater Snail Species (Gastropoda: Caenogastropoda). Association of Southeastern Biologists, Chattanooga, Tennessee, 1-4 April 2015.
7. Stoeckel, J., Helms, B., Catalano, M., Miller, J., **Gibson, K.**, Stewart, P., 2015. Evaluation of a Low-Cost Sampling Protocol for a Coordinated, Crayfish Life-History Sampling Effort. Southern Division of American Fisheries Society, Savannah, Georgia, 28 January-1 February 2015.

6. **Gibson, K.J.**, Miller, J.M., Johnson, P.D., Stewart, P.M., 2015. Acute Toxicity on Three Freshwater Mussel Species (Bivalvia: Unionidae) and Two Freshwater Snail Species (Gastropoda: Caenogastropoda). Alabama Department of Conservation and Natural Resources 16th Annual Mollusk and Crayfish Meeting, Spanish Fort, Alabama. 21-22 January 2015.
5. **Gibson, K.J.**, Gibson, M.A., Pritchett, M.A., 2014. How Safe is the Taste Test for Halite? 2014. Geological Society of America 2014 Abstracts of Annual Meeting, Vancouver, Canada. 18-22 October 2014. 46(6).
4. **Gibson, K.J.**, Miller, J.M., Niraula, B.B., Murray, J.M., Fobein, T., Johnson, P.D., Stewart, P.M., 2014. Acute Toxicity Testing on *Villosa nebulosa* (Bivalvia: Unionidae) using Five Toxicants (SDS, Cl, K, Ni, Zn). 7th Annual Mattie Kelly Environmental Symposium, Niceville, Florida. 10 October 2014.
3. Stewart, P.M., **Gibson, K.J.**, 2014. The Sixth Great Extinction Event and the Coastal Plain Biodiversity Research. 7th Annual Mattie Kelly Environmental Symposium, Niceville, Florida. 10 October 2014.
2. **Gibson, K.J.**, Gibson, M.A., Pritchett, M.A., 2014. How Safe is the Taste Test for Halite?. Geological Society of America 2014 Abstracts of Annual Meeting, Vancouver, Canada. 18-22 October 2014. 46(6).
1. **Gibson, K.J.**, 2008. The Effects of Fungal Farming on the Population Density of *Littorina littorea* at Dauphin Island. Tennessee Junior Academy of Science, Nashville, Tennessee. 18 April 2008.

TECHNICAL REPORTS

1. **Banks, K.G.**, Stunz, G.W. 2021. Tag and recapture data for Great Hammerhead, *Sphyrna mokarran*, and Scalloped Hammerhead, *Sphyrna lewini*, sharks caught in the western Gulf of Mexico from 2014-2021. SEDAR77- SID04. SEDAR, North Charleston, SC. 7 pp.

AWARDS AND SCHOLARSHIPS

Conservationist of the Year – Coastal Conservation Association - Texas (2021)
 National Marine Science Scholarship (2018 – 2019)
 Marine Biology Research Assistantship (2018 - 2019)
 Coastal Conservation Association – Texas Graduate Scholarship (2018)
 Harte Research Fellow/Crutchfield Fellow (2017 - 2018)
 American Fisheries Society Texas Chapter Student Scholarship Award (2017)
 Marine Biology Research Assistantship (2016-2017)
 ALFA Graduate Research Fellow (2014 - 2015)
 Who's Who Among American Colleges and Universities (2012)
 Chancellor's Award (2008 - 2012)
 Dean's List (2008 - 2012)
 Hope Lottery Scholarship (2008 - 2012)
 UT Martin Honors Program (2008 - 2012)
 Phi Eta Sigma (2009 - 2019)

PROFESSIONAL ACTIVITIES

January 2019	Marine Biology Interdisciplinary Program Retreat (Corpus Christi, TX)
October 2018	MarCuba 2018: XI Congreso de Ciencias del Mar (Havana, Cuba)
August 2017	American Fisheries Society Annual Meeting (Tampa, FL)
January 2017	Texas Parks and Wildlife Department Artificial Reef Program 4 th Annual Science and Research Consortium (Corpus Christi, TX)
January 2017	Texas Chapter American Fisheries Society (Corpus Christi, TX)
January 2017	Marine Biology Interdisciplinary Program Retreat (Galveston, TX)
December 2016	C-IMAGE-II All Hands Meeting (St. Pete, FL)
February 2016	Texas Parks and Wildlife Department Artificial Reef Program 3 rd Annual Science and Research Consortium (Corpus Christi, TX)
January 2016	Marine Biology Interdisciplinary Program Retreat (Corpus Christi, TX)
April 2015	Association of Southeastern Biologists (Chattanooga, TN)
January 2015	Alabama Department of Conservation and Natural Resources 16th Annual Mollusk and Crayfish Meeting (Spanish Fort, AL)
October 2014	Geological Society of America Annual Meeting (Vancouver, Canada)
October 2014	7 th Annual Mattie Kelly Environmental Symposium (Niceville, FL)
November 2013	Society of Environmental Toxicology and Chemistry North American 34 th Annual Meeting (Nashville, TN)
October 2013	Domin Graduate Conference (Columbus, GA)
July 2013	National Marine Educators Association (Mobile, AL)
April 2012	Association of Southeastern Biologists (Athens, GA)
April 2008	Tennessee Junior Academy of Science (Nashville, TN)

PUBLIC APPEARANCES

Invited Speaker

December 16, 2021	“Fight and handling times for scalloped and great hammerheads in the Texas shore-based fishery.” (SEDAR77 Data Workshop, Webinar)
October 21, 2021	“Sharks in the Gulf of Mexico: Real-time Tracking of Texas’ Marine Apex Predators” (Friday Morning Group, Corpus Christi, TX)
April 27, 2021	“Why You Should Never Give Up: Not All Who Wander Are Lost” (Marine Oceanography, University of Tennessee at Martin, Martin, TN)
February 25, 2020	“Shark Ecology Studies in the 21st Century: Satellite Tracking Provides Insights to the Apex Marine Predator” (CCA Helotes, O’Connor High School, Helotes, TX)
February 6, 2020	“Sharks in the Gulf of Mexico: Real-time Tracking of Texas’ Marine Apex Predators” (University of Texas Marine Science Institute, Port Aransas, TX)
October 12, 2019	“Sharks in the Gulf of Mexico: Dreams Really Do Come True” (Coastal Conservation Association - National Executive Meeting, Houston, TX)

- July 16, 2019 “Sharks in the Gulf of Mexico: Dreams Really Do Come True” (Coastal Conservation Association - Texas, Houston, TX)
- April 3, 2019 “Sharks in the Gulf of Mexico: Dreams Really Do Come True” (Coastal Conservation Association - Building Conservation Trust, Seadrift, TX)
- February 7, 2019 “Artificial Reefs, Red Snapper, and the Impact of the Corpus Christi Nearshore Reef to the Coastal Bend” (Rotary Club of Corpus Christi, Corpus Christi, TX)
- December 5, 2018 “Sharks in the Gulf of Mexico: Real-time Tracking of Texas’ Marine Apex Predators” (The Aquarium at Rockport Harbor, Rockport, TX)
- May 22, 2018 “Sharks with Spectators: Real-time Tracking of Texas’ Marine Apex Predators” (Ray High School, Corpus Christi, TX)
- January 30, 2018 “Shark Ecology Studies in the 21st Century: Satellite Tracking Provides Insights to the Apex Marine Predator” (Honors Program, University of Tennessee at Martin, Martin, TN)
- January 23, 2018 “Artificial Reef Research in the northwestern Gulf of Mexico” (Anglers’ Night Out, Coastal Conservation Association, Corpus Christi, TX)
- October 15, 2017 “Recreational Shark Anglers as Citizen Scientists” (Sharkathon, Padre Island National Seashore, TX)
- July 18, 2017 “Careers in Marine Biology” (Dauphin Island Sea Lab Discovery Hall Program, Dauphin Island, AL)
- June 24, 2017 “Center for Sportfish Science and Conservation Research” Workshop (Oso Bay Wetlands Preserve and Learning Center, Corpus Christi, TX)
- May 16, 2017 “Red Snapper Research at the Corpus Christi Nearshore Reef” (Coastal Conservation Association - Brush Country Chapter General Meeting, Riveria, TX)
- May 15, 2017 “Sharks with Spectators: Real-time Tracking of Texas’ Marine Apex Predators” (Ray High School, Corpus Christi, TX)
- April 18, 2017 “Importance of Artificial Reefs in the Western Gulf of Mexico” (S-Stem: UTM S-STEM Scholars, NSF Grant #1458504, University of Tennessee of Martin, Martin, TN)
- March 27, 2017 “Sharks with Teen STEM Café: Real-time Tracking of Texas’ Marine Apex Predators” (Texas State Aquarium, Corpus Christi, TX)
- March 3, 2017 “Sharks with Spectators: Real-time Tracking of Texas’ Marine Apex Predators” (Moody High School, Corpus Christi, TX)
- November 16, 2016 “Sharks with Spectators: Real-time Tracking of Texas’ Marine Apex Predators” (The Aquarium at Rockport Harbor, Rockport, TX)
- August 8, 2016 Fisheries Research in Your Backyard: What’s Happening at TAMUCC (Texas State Aquarium Sea Camp, Corpus Christi, TX)

August 1, 2016	CSSC Project Overview: Women in Careers (YWCA, Corpus Christi, TX)
April 28, 2016	Skype Phone Call on “Social Choices and Science” (Pinkerton Elementary School, Coppell, TX)
March 23, 2016	“Sharks with Spectators: Real-time Tracking of Texas’ Marine Apex Predators” (Ray High School, Corpus Christi, TX)
February 2015	Guest Lecturer in Principles of Biology Class, Bio 1100 (Troy University, AL)
February 2015	Guest Lecturer in Microbiology Class and Laboratory, Bio 372 and Bio L372 (Troy University, AL)
April 2013	Guest Lecturer in International Food and Fiber Class, AG 295 (UT Martin)
Panel	
June 29, 2016	Shark Week episode “Return of Monster Mako” Panel (Harte Research Institute, Corpus Christi, TX)
Booth	
October 15-19, 2018	OneGulf: Harte Research Institute of Gulf of Mexico Studies Overview (MarCuba 2018: XI Congreso de Ciencias del Mar, Havana, Cuba)
May 10, 2018	CSSC Program Overview (Coastal Conservation Association – Austin Chapter, Austin, TX)

SOCIETY MEMBERSHIPS

Professional

American Academy of Underwater Sciences (2016-Present)
 American Fisheries Society (2015-Present)
 American Elasmobranch Society (2015-Present)
 Association for Women Geoscientists (2014-Present)
 American Institute of Professional Geologists (2014-2018)
 Geological Society of America (#9190816) (2014-2016)
 Society of Environmental Toxicology and Chemistry (2013- 2016)
 PADI (# 290493) (2013-Present)
 DAN (#2448321) (2013-Present)
 Marine Technology Society (2012-Present)
 Association of Southeastern Biologists (2012-Present)

Academic

Phi Kappa Phi (2017-Present)
 American Fisheries Society – TAMUCC Subunit (2016-2019)
 Marine Sciences Graduate Student Organization (2015-2019)
 Troy University Environmental Club (2013-2015)
 Marine Technology Society (2012-Present)
 Eta Alpha Chapter of Sigma Gamma Epsilon (Earth Science Honors Society; 2011-2013)
 UT Martin Undergraduate Alumni Council (2010-2012)
 Phi Eta Sigma National Honor Society (2009-2012)
 TriBeta (Biological Honors Society) (2008-2009)

Social

Kappa Alpha Order Southern Belle (UT Martin – 2008-2012)

BOARD MEMBERSHIP AND SERVICE

2022	CCA Corpus Christi Chapter Banquet Chair
2021	SEDAR 77 Hammerhead Species Stock ID, Movement Working Group
2021-Present	Technical Advisor the Advisory Committee to the US National Section to the International Commission for the Conservation of Atlantic Tunas
2020-Present	Coastal Migratory Pelagics Advisory Panel – Gulf of Mexico Fishery Management Council
2020-Present	Habitat Today Fish Tomorrow Committee – Texas
2019	Texas Parks and Wildlife Department Species of Greatest Conservation Need Working Group
2018-Present	Institutional Animal Care and Use Committee member
2017-Present	Science Advisor to SharkATHon
2016-Present	Secretary of the Executive Board – Corpus Christi Chapter
2016-Present	Member of Board of Directors – Corpus Christi Chapter
2016	Destination Imagination – Coastal Bend Chapter, Corpus Christi, Texas
2016-Present	Babes on Baffin Fishing Tournament Planning Committee
2015-Present	Science Team Member – Gills Club
2015-Present	Coastal Conservation Association
2015-2016	Heroes on the Water – Coastal Bend Chapter, Corpus Christi, Texas
2015-2016	Reels for Heels

JOURNAL REVIEWER

Frontiers of Marine Science

Fisheries Research

Estuaries and Coasts

CERTIFICATIONS

SCUBA Diving

Divemaster (2011, PADI # 290493 – Authorized to teach)

Advanced Open Water (2008)

Boat Diver (2015)

Deep Diver (2015)

DrySuit (2008)

Full Face (2012)

Night Diver (2012)

Nitrox (2009)

Rescue (2010)

Underwater Navigator (2021)

DAN DFA Pro (#2448321) (2015-Present)

American Heart Association CPR/AED/First Aid (#TN20588) (2015-Present)

Boating License (2007: TN-154802482; 2015: TX-1393026)

PROFESSIONAL SKILLS

ArcGIS
 R statistical program
 SAS statistical program
 ToxStat
 Microsoft Office

PROFESSIONAL DEVELOPMENT

- 2019 COMPASS Science Communication workshop. Corpus Christi, TX.
 2018 VideoRay Remotely Operated Vehicle Pilot training. Corpus Christi, TX.
 2017 Otolith Microchemistry 101: An Introduction for Fisheries Scientists. Texas Chapter of American Fisheries Society. Corpus Christi, TX.
 2013 Propagating Mollusks for Toxicology Studies. Society of Environmental Toxicology and Chemistry North America 34th Annual Meeting. Nashville, TN.

MEDIA COVERAGE

TV Newscasts

21. KIII. "Increase in shark sightings in local waters." July 26, 2021. (https://www.kiiitv.com/article/news/local/increase-in-shark-sightings-in-local-waters/503-37bc6440-f57b-4254-bbec-462410cb9a12?fbclid=IwAR11VuJfA-c-gkbDP8WrFm6zdEsIIQPD2Bwky1TJGsw_NujFc_o7gvhVIh8)
20. KRIS-TV. "Shark rodeo spurs competition, yields invaluable information." July 14, 2021. (<https://www.kristv.com/news/local-news/shark-rodeo-spurs-competition-yields-invaluable-information>)
19. CarbonTV: Outdoor Weekly. "Shortfin Mako Conservation". September 30, 2020. (<https://www.carbontv.com/shows/outdoor-weekly/seasons/2020/episodes/6/>)
18. KZTV. "Shark Week: Why sharks are important to our Coastal Bend waters." August 10, 2020. (<https://www.kztv10.com/community/coastal-living/shark-week-why-sharks-are-important-to-our-coastal-bend-waters>)
17. KRIS-TV. "South Texas shark fishing population growing." June 19, 2020. (<https://www.kristv.com/news/local-news/south-texas-shark-fishing-population-growing>)
16. KRIS-TV. "How did great white shark Unama'ki come this far west?" February 28, 2020. (<https://www.kristv.com/news/local-news/how-did-great-white-shark-unamaki-come-this-far-west>)
15. KRIS-TV. "Sportfish science center reaches research milestone." December 11, 2019. (<https://www.kristv.com/news/local-news/sportfish-science-center-reaches-research-milestone>)
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