

MATTHEW K. STREICH

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

<u>Year</u>	<u>Degree</u>	<u>Field of Study</u>	<u>Institution</u>
2016	Ph.D.	Marine Biology	Texas A&M University
2012	M.S.	Fisheries Science	University of Georgia
2010	B.S.F.R.	Fisheries and Aquaculture	University of Georgia

CURRENT POSITIONS

2021 – present	<i>Assistant Director</i> , Center for Sportfish Science and Conservation, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi.
2023 – present	<i>Senior Research Scientist</i> , Center for Sportfish Science and Conservation, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi.
2024 – present	<i>Graduate Faculty</i> , Texas A&M University-Corpus Christi.

PROFESSIONAL EXPERIENCE

2021 – 2023	Associate Research Scientist, Center for Sportfish Science and Conservation, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi.
2019 – 2023	<i>Special Appointment to Graduate Faculty</i> , Texas A&M University-Corpus Christi.
2019	<i>Chief Scientist</i> , R/V Pelican Cruise - The Great Red Snapper Count: Direct Count Surveys on the North TX Shelf. August 1-14, 2019.
2017 – 2021	<i>Assistant Research Scientist</i> , Center for Sportfish Science and Conservation, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi.
2016 – 2017	<i>Postdoctoral Research Associate</i> , Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi.
2013 – 2016	<i>Graduate Research Assistant</i> , Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi.

- Dissertation Title:* Ecology of Red Snapper in the western Gulf of Mexico: Comparisons among artificial and natural habitats
Advisor: Dr. Greg Stunz
- 2012 – 2013 *Graduate Teaching Assistant*, Texas A&M University-Corpus Christi. Biology I Lab (2 sec.), Biology II Lab (1 sec.), Professional Skills (1 sec.).
- 2010 – 2012 *Graduate Research Assistant*, Warnell School of Forestry and Natural Resources, University of Georgia.
Thesis Title: Estuarine residence, habitat use, and movements of Tripletail (*Lobotes surinamensis*) in the Ossabaw Sound Estuary, Georgia
Advisor: Dr. Doug Peterson
- 2010 – 2011 *Graduate Teaching Assistant*, Warnell School of Forestry and Natural Resources, University of Georgia. Fisheries Management Lab (1 sec.).
- 2008 – 2009 *Fisheries Research Technician*, Sturgeon Population Dynamics and Ecology Project, Warnell School of Forestry and Natural Resources, University of Georgia.

RESEARCH FUNDING

Cumulative Extramural Awards: \$19.4M

40. TPWD – State Wildlife Grant Program 2025 – 2026
Inlet proximity effects on Southern Flounder migration probability and timing
M. Streich (PI), K. Banks (Co-PI), G. Stunz (Co-PI)
\$153,903
39. TPWD – State Wildlife Grant Program 2025 – 2026
Characterization of juvenile tarpon and snook nursery habitats along the Texas Coast using standardized surveys and citizen science reports
M. Streich (PI), K. Banks (Co-PI), G. Stunz (Co-PI)
\$153,865
38. TPWD – State Wildlife Grant Program 2025 – 2026
Updating predictive models to characterize Southern Flounder distribution in Texas estuaries
Kesley Banks (PI), M. Streich (Co-PI), G. Stunz (Co-PI)
\$153,815
37. TPWD – State Wildlife Grant Program 2024 – 2026
Combining natural and artificial tags to track Southern Flounder movement in estuaries
M. Streich (PI), D. Coffey (PI), B. Walther (Co-PI), K. Banks (Co-PI), G. Stunz (Co-PI)
\$307,719
36. Matagorda Bay Mitigation Trust 2024 – 2026

- Relating variation in freshwater inflow and water quality to biological communities in the Colorado River Delta to inform future habitat restoration projects
M. Streich (PI), M. Wetz (Co-PI), K. Banks (Co-PI)
\$294,190
35. Texas Parks and Wildlife Foundation 2024 – 2025
The Cedar Bayou Maintenance Dredging Action Plan: Identifying dredging solutions to sustain healthy ecosystems and economies near this iconic fish pass
G. Stunz (PI), M. Streich (Co-PI)
\$100,000
34. Harvey Weil Sportsman Conservationist Trust 2024 – 2025
Juvenile tarpon residency and habitat use in Texas Coastal Bend nurseries
M. Streich (PI)
\$10,000
33. Saltwater-fisheries Enhancement Association 2024 – 2025
Center for Sportfish Science and Conservation Southern Flounder Research
M. Streich (PI)
\$10,000
32. TPWD – State Wildlife Grant Program 2024 – 2025
An ecological characterization of tarpon and snook nursery habitats in Texas.
M. Streich (PI), G. Stunz (Co-PI)
\$153,855
31. TPWD – State Wildlife Grant Program 2024 – 2025
Partnering with recreational anglers to characterize the Texas shore-based shark fishery
K. Banks (PI), M. Streich (Co-PI), G. Stunz (Co-PI)
\$153,638
30. NOAA – RESTORE 2023 – 2027
Colony Island Network Design and Implementation (CINDI): A prioritization tool to rehabilitate colony islands along the Texas coast
D. Gawlik (PI), D. Newstead (Co-PI), J. Gibeaut (Co-PI), M. Streich (Co-PI), Diana Del Angel (Co-PI)
\$2,000,453
29. NOAA – Marine Fisheries Initiative 2023 – 2026
Post-release mortality and movement patterns of Cobia (*Rachycentron canadum*) in the Gulf of Mexico
M. Streich (PI), M. Dance (Co-PI), G. Stunz (Co-PI)
\$511,758
28. Knobloch Family Foundation 2023 – 2024
Colony Island Network Design and Implementation (CINDI) to recover waterbirds in the Gulf of Mexico: Pilot study

- D. Gawlik (PI), B. Ballard (Co-PI), D. Newstead (Co-PI), J. Gibeaut (Co-PI),
M. Streich (Co-PI), K. Wowk (Co-PI)
\$139,409
27. Frazier Family Foundation 2023 – 2024
“Science that keeps you hooked” - Empowering anglers as wise stewards of our
marine resources
G. Stunz (PI), M. Streich (Co-PI)
\$50,000
26. Matagorda Bay Mitigation Trust 2022 – 2025
Trophic linkages and habitat connectivity of popular sportfish in the Matagorda
Bay system
K. Banks (PI), M. Streich (Co-PI), J. Dutton (Co-PI)
\$399,932
25. Matagorda Bay Mitigation Trust 2022 – 2024
Lavaca Bay Ecosystem Assessment: Gathering key baseline data among nursery
habitats spread across a pollution gradient
G. Stunz (PI), M. Streich (Co-PI)
\$399,776
24. NOAA – Texas Sea Grant 2022 – 2024
Shining light on harvest and effort for the recreational flounder gig fishery in
Texas
G. Stunz (PI), M. Streich (Co-PI), K. Banks (Co-PI)
\$445,382
23. Gulf Coast Growth Ventures 2022 – 2023
“Science that keeps you hooked” Angler Engagement Program
G. Stunz (PI), M. Streich (Co-PI)
\$50,000
22. Frazier Family Foundation 2022 – 2023
“Science that keeps you hooked:” Empowering anglers as wise stewards of our
marine resources
G. Stunz (PI), M. Streich (Co-PI)
\$50,000
21. George and Mary Josephine Hamman Foundation 2022 – 2023
Center for Sportfish Science and Conservation Angler Engagement Program
G. Stunz (PI), M. Streich (Co-PI)
\$30,000
20. NOAA – Mississippi-Alabama Sea Grant Consortium 2021 – 2023
Greater Amberjack (*Seriola dumerili*) abundance, distribution, and movement
in U.S. waters in the South Atlantic and Gulf of Mexico
S. Powers (PI), J. Hoenig (Co-PI), G. Chiu (Co-PI), J. Buckel (Co-PI), T.
Switzer (Co-PI), J. Rooker (Co-PI), G. Stunz (Co-PI), M. Dance (Co-PI), M.

- Catalano (Co-PI), S. Murawski (Co-PI), M. Drymon (Co-PI), M. Streich (Co-PI), and 10 others
\$11,700,000
19. Gulf States Marine Fisheries Commission 2021 – 2023
Do descender devices increase opportunities for depredation? A Gulf-wide examination of descender device depredation rates and depredating species
J. M. Drymon (PI), A. Collins (Co-PI), M. K. Streich (Co-PI), J. Curtis (Co-PI)
\$225,500 (\$69,838 to Streich)
 18. Matagorda Bay Mitigation Trust 2021 – 2023
Colorado River Delta Ecosystem Assessment: Gathering key baseline data to guide future habitat restoration in Matagorda Bay
G. Stunz (PI), M. Streich (Co-PI)
\$495,991
 17. NOAA – Mississippi-Alabama Sea Grant Consortium 2021 – 2022
Revision and data analysis update of the Great Red Snapper Count Final Report
M. Streich (PI), G. Stunz (Co-PI)
\$12,500
 16. George and Mary Josephine Hamman Foundation 2021 – 2022
Center for Sportfish Science and Conservation Angler Engagement Program
G. Stunz (PI), M. Streich (Co-PI)
\$25,000
 15. TPWD – State Wildlife Grant Program 2021 – 2022
Seasonal movements of Cobia in Texas and the western Gulf of Mexico
M. Streich (PI), G. Stunz (Co-PI), J. Curtis (Co-PI)
\$153,849
 14. Harvey Weil Sportsman Conservationist Trust 2020 – 2021
An assessment of Tarpon recruitment patterns, movements, and habitat use in the Texas Coastal Bend
M. Streich (PI)
\$10,000
 13. Gulf Offshore Research Institute 2020 – 2021
A scientific assessment of the ecological performance and habitat value of standing vs. reefed oil and gas platforms
G. Stunz (PI), M. Streich (Co-PI), D. Coffey (Co-PI)
\$20,000
 12. George and Mary Josephine Hamman Foundation 2020 – 2021
Vessel electronics and research support
G. Stunz (PI), M. Streich (Co-PI) - \$20,000
 11. Texas Comptroller of Public Accounts 2019 – 2022
A multi-disciplinary ecosystem assessment of West Matagorda Bay to inform conservation of threatened and endangered species: Addressing potential

- habitat alterations caused by flooding events and sea rise with respect to shorebirds, colonial waterbirds, rails, and sea turtles
 G. Stunz (PI), J. Gibeaut (Co-PI), E. Oborny (Co-PI), P. Plotkin (Co-PI), J. Pollack (Co-PI), J. Rooker (Co-PI), D. Wells (Co-PI), M. Wetz (Co-PI), M. Streich (Co-I) *role included proposal preparation, macrofauna sampling design and collection, and reporting
 \$3,443,377
10. Bonefish and Tarpon Trust 2019 – 2021
 Habitat use and movement of Tarpon along the Texas Coast
 J. Rooker (PI), G. Stunz (Co-PI), M. Dance (Co-PI), D. Wells (Co-PI), M. Streich (Co-PI), R. Kline (Co-PI)
 \$82,060 (\$15,000 to Streich)
 9. Gulf of Mexico Fishery Management Council 2019 – 2020
 Movement patterns and discard mortality of Cobia in the Gulf of Mexico
 M. Streich (PI), G. Stunz (Co-PI), J. Curtis (Co-PI)
 \$92,500
 8. NOAA – Cooperative Research Program 2019 – 2020
 Post-release mortality and behavior of sharks in shore-based recreational fisheries using citizen scientists and low-cost tags
 J. Mohan (PI), M. Streich (Co-PI), D. Wells (Co-PI), M. Drymon (Co-PI), G. Stunz (Co-PI)
 \$240,892 (\$54,317 to Streich)
 7. NOAA – Texas Sea Grant 2018 – 2020
 Evaluating the relative habitat value of intertidal and subtidal oyster reefs to improve restoration methods
 J. Pollack (PI), M. Streich (Co-PI), G. Stunz (Co-PI), J. Curtis (Co-PI)
 \$336,794
 6. Valley Crossing Pipeline Community Investment 2018 – 2020
 Fisheries impact of Rio Grande Valley Reef
 G. Stunz (PI), M. Streich (Co-PI)
 \$350,000
 5. NASEM – Gulf Research Program 2018 – 2019
 Recovering the acoustic array at the Corpus Christi Nearshore Reef in the aftermath of Hurricane Harvey
 J. Curtis (PI), M. Streich (Co-PI)
 \$49,657
 4. Harvey Weil Sportsman Conservationist Trust 2018 – 2019
 Impacts of Hurricane Harvey on Cedar Bayou: A post-disturbance assessment of sportfish use of essential fish habitat
 J. Curtis (PI), M. Streich (Co-PI), G. Stunz (Co-PI)
 \$6000
 3. NOAA – Mississippi-Alabama Sea Grant Consortium 2017 – 2020

- Estimating the absolute abundance of Age 2+ Red Snapper in the U.S. Gulf of Mexico
 G. Stunz (PI), W. Patterson (Co-PI), S. Powers (Co-PI), J. Rooker (Co-PI), J. Hoenig (Co-PI), R. Ahrens (Co-PI), M. Streich (Co-I), and 17 others *role included proposal preparation and field sampling with ROV and hydroacoustics in western Gulf of Mexico
 \$12,000,024
2. Texas Sea Grant Grants-in-Aid of Graduate Research 2014 – 2015
 Assessing the impact of a newly constructed artificial reef off Port Aransas, Texas: What are we missing?
 M. Streich (PI)
 \$2000
1. Texas Sea Grant Grants-in-Aid of Graduate Research 2013 – 2014
 Artificial reef structure and function: Effects on Red Snapper recruitment in the western Gulf of Mexico
 M. Streich (PI)
 \$2000

PEER-REVIEWED PUBLICATIONS

17. Stephens, S. A., M. A. Dance, M. Z. Sluis, R. J. Kline, M. K. Streich, G. W. Stunz, A. J. Adams, R. J. D. Wells, and J. R. Rooker. 2024. Spatial distribution and movement of Atlantic tarpon (*Megalops atlanticus*) in the northern Gulf of Mexico. *PLoS ONE* 19:e0298394. <https://doi.org/10.1371/journal.pone.0298394>.
16. Banks, K. G., M. K. Streich, and G. W. Stunz. 2024. Age, growth, and mortality of King Mackerel in the western Gulf of Mexico. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 16:e10278. <https://doi.org/10.1002/mcf2.10278>.
15. Banks, K. G., M. K. Streich, J. M. Drymon, S. B. Scyphers, J. A. Mohan, R. J. D. Wells, A. L. Binstock, T. M. Richards, C. F. White, N. M. Whitney, and G. W. Stunz. 2023. Talk is cheap: Evidence of conservation-based changes in angler behavior. *Conservation Science and Practice* 5:e13001. <https://doi.org/10.1111/csp2.13001>.
14. Binstock, A. L., T. M. Richards, R. J. D. Wells, J. M. Drymon, K. Gibson-Banks, M. K. Streich, G. W. Stunz, C. F. White, N. M. Whitney, and J. A. Mohan. 2023. Variable post-release mortality in common shark species captured in Texas shore-based recreational fisheries. *PLoS ONE* 18:e0281441. <https://doi.org/10.1371/journal.pone.0281441>.
13. Banks, K. G., M. K. Streich, J. M. Curtis, and G. W. Stunz. 2022. Influence of hurricane activity on acoustic array efficiency: A case study of Red Snapper within an artificial reef complex. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 14:e10220. <https://doi.org/10.1002/mcf2.10220>.
12. Hall, Q. A., D. M. Coffey, M. K. Streich, M. R. Fisher, and G. W. Stunz. 2022. Social media shines light on the “hidden” impact of nighttime guided-gigging charters on Texas’

- Southern Flounder fishery: A stab in the dark. *PLoS ONE* 17:e0269397. <https://doi.org/10.1371/journal.pone.0269397>.
11. Gibson, K. J., M. K. Streich, T. S. Topping, and G. W. Stunz. 2021. New insights into the seasonal movement patterns of Shortfin Mako sharks in the Gulf of Mexico. *Frontiers in Marine Science* 8:623104. <https://doi.org/10.3389/fmars.2021.623104>.
 10. Brewton, R. A., C. H. Downey, M. K. Streich, J. J. Wetz, M. J. Ajemian, and G. W. Stunz. 2020. Trophic ecology of red snapper *Lutjanus campechanus* on natural and artificial reefs: Interactions between annual variability, habitat, and ontogeny. *Marine Ecology Progress Series* 635:105-122. <https://doi.org/10.3354/meps13210>.
 9. Gibson, K., M. K. Streich, T. Topping, and G. Stunz. 2019. Utility of citizen science data: A case study in land-based shark fishing. *PLoS ONE* 14:e0226782. <https://doi.org/10.1371/journal.pone.0226782>.
 8. Topping, T. S., M. K. Streich, M. R. Fisher, and G. W. Stunz. 2019. A comparison of private recreational fishing harvest and effort for Gulf of Mexico Red Snapper during derby and extended federal seasons and implications for future management. *North American Journal of Fisheries Management* 39:1311-1320. <https://doi.org/10.1002/nafm.10368>.
 7. Downey, C. H., M. K. Streich, R. A. Brewton, M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2018. Habitat-specific reproductive potential of Red Snapper: A comparison of artificial and natural reefs in the western Gulf of Mexico. *Transactions of the American Fisheries Society* 147:1030-1041. <https://doi.org/10.1002/mcf2.10278>.
*Featured Paper 2018 – *Transactions of the American Fisheries Society*
 6. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2018. Habitat-specific performance of vertical line gear in the western Gulf of Mexico: A comparison between artificial and natural habitats using a paired video approach. *Fisheries Research* 204:16–25. <https://doi.org/10.1016/j.fishres.2018.01.018>.
 5. Streich, M. K., M. J. Ajemian, J. J. Wetz, J. D. Shively, J. B. Shipley, and G. W. Stunz. 2017. Effects of a new artificial reef complex on Red Snapper and the associated fish community: An evaluation using a before-after control-impact approach. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 9:404–418. <https://doi.org/10.1080/19425120.2017.1347116>.
 4. Streich, M. K., M. J. Ajemian, J. J. Wetz, J. A. Williams, J. B. Shipley, G. W. Stunz. 2017. A comparison of size structure, age, and growth of Red Snapper from artificial and natural habitats in the western Gulf of Mexico. *Transactions of the American Fisheries Society* 146:762–777. <https://doi.org/10.1080/00028487.2017.1308884>.
 3. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2017. A comparison of fish community structure at mesophotic artificial reefs and natural banks in the western Gulf of Mexico. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 9:170–189. <https://doi.org/10.1080/19425120.2017.1282897>.
 2. Streich, M. K., C. A. Kalinowsky, and D. L. Peterson. 2013. Residence, habitat use, and movement patterns of Atlantic Tripletail in the Ossabaw Sound Estuary, Georgia. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science* 5:291–302. <https://doi.org/10.1080/19425120.2013.829144>.

1. Streich, M. K., and D. L. Peterson. 2011. Evidence of a Bull Shark nursery in the Altamaha River Estuary, Georgia. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 65:92–97.

TECHNICAL REPORTS

11. Stunz, G. W., M. K. Streich, and BIO-WEST, Inc. 2023. Colorado River Ecosystem Assessment: Gathering key baseline data to guide future habitat restoration in Matagorda Bay. Matagorda Bay Mitigation Trust Contract 0015 Final Report. 54 pp.
10. Streich, M. K., J. M. Curtis, and G. W. Stunz. Seasonal movements of Cobia in Texas and the western Gulf of Mexico. 2023. Texas State Wildlife Grant Program TX-T-221-R-1 Final Report 18 pp.
9. Streich, M. K., T. S. Topping, and G. W. Stunz. 2023. Revision and data analysis update of the Great Red Snapper Count Final Report (Post independent consultant reviews per the Gulf of Mexico Fishery Management Council. Mississippi-Alabama Sea Grant Final Report R/SFA-RS-29-PD. 5 pp.
8. Rooker, J., M. Z. Sluis, M. Dance, R. Kline, G. Stunz, M. Streich, and D. Wells. 2022. Habitat use and movement of tarpon along the Texas Coast. Bonefish and Tarpon Trust Final Report. 10 pp.
7. Mohan, J. A., R. J. D. Wells, M. Drymon, G. W. Stunz, and M. K. Streich. 2021. Post-release mortality and behavior of sharks in shore-based recreational fisheries using citizen scientists and low-cost tags. NOAA Cooperative Research Program NA19NMF4540065 Final Report. 66 pp.
6. Streich, M. K. 2021. An assessment of tarpon recruitment patterns, movements, and habitat use in the Texas Coastal Bend. Harvey Weil Sportsman Conservationist Award Final Report. 5 pp.
5. Mohan, J. A., R. J. D. Wells, M. Drymon, G. Stunz, and M. K. Streich. 2021. Preliminary post-release mortality estimates for the shore-based recreational shark fishery in Texas. SEDAR77-DW07. SEDAR, North Charleston, SC. 38 pp.
4. Streich, M. K., J. M. Curtis, and G. W. Stunz. 2021. Movement patterns and discard mortality of Cobia in the Gulf of Mexico. Gulf of Mexico Fishery Management Council NA15NMF4410011 Final Report. 19 pp.
3. Pollack, J., M. K. Streich, J. M. Curtis, and G. W. Stunz. 2021. Evaluating the relative habitat value of intertidal and subtidal oyster reefs to improve restoration methods. Texas Sea Grant Final Report. 9 pp.
2. Stunz, G. W., J. M. Curtis, M. K. Streich, and J. J. Wetz. 2019. A post-reefing assessment of the Port O'Connor Nearshore Reef. Texas Parks and Wildlife Foundation Project End Report. 15 pp.
1. Stunz, G. W., M. J. Ajemian, M. K. Streich, R. Brewton, C. Downey, and Q. Hall. 2016. Investigation of the relative habitat value of oil/gas platforms and natural banks in

enhancing stock building of reef fish in the western Gulf of Mexico. NOAA Marine Fisheries Initiative NA14NMF4330219 Final Report. 108 pp.

ABSTRACTS & CONFERENCE PRESENTATIONS

^ Best presentation

* Student presentation under mentorship of Streich

58. Jargowsky, A. E., A. Q. Anderson, D. M. McAree, M. B. Jargowsky, A. B. Collins, M. K. Streich, N. A. Haddad, M. J. Sipos, and J. M. Drymon. 2024. Depredation on descender devices: A Gulf-wide investigation. 154th Annual Meeting of the American Fisheries Society. Honolulu, HI.
57. *McMillan, R. H., J. A. Williams, M. K. Streich, and G. W. Stunz. 2024. Lavaca Bay Marsh Ecosystem Assessment: Trends in Nekton Abundance and Distribution. Symposium for Student Innovation, Research, Creative Activities. Corpus Christi, TX.
56. Rehkopf, J., K. Banks, M. Streich, and J. Dutton. 2024. Mercury concentrations in biota from the Alcoa Superfund site in Lavaca Bay (Point Comfort, Texas). Society of Environmental Toxicology and Chemistry. Kerrville, TX.
55. Gawlik, D. E., D. A. Essian, R. Mirzadi, J. C. Giese, D. J. Newstead, B. M. Ballard, J. Magolan, J. Gibeaut, M. K. Streich, L. Wolff, C. Hale, and D. del Angel. 2024. CINDI: A co-production project to guide waterbird colony island rehabilitation on the Texas coast. Texas Bays and Estuaries Meeting. Port Aransas, TX.
54. *McMillan, R. H., J. A. Williams, M. K. Streich, and G. W. Stunz. 2024. Lavaca Bay Ecosystem Assessment: Gathering key baseline data among nursery habitats across a pollution gradient. Texas Chapter of the American Fisheries Society Annual Meeting. Nacadoches, TX.
53. *McMillan, R. H., J. A. Williams, M. K. Streich, and G. W. Stunz. 2024. Lavaca Bay Ecosystem Assessment: Gathering key baseline data among nursery habitats across a pollution gradient. GOMCON 2024. Tampa, FL.
52. Drymon, J. M., A. E. Jargowsky, M. J. Ajemian, A. Q. Anderson, A. B. Collins, D. M. McAree, A. R. Osowski, E. G. Prasky, S. B. Scyphers, M. J. Sipos, and M. K. Streich. 2024. Case studies for involving stakeholders in the management of shark depredation. The 9th World Fisheries Congress. Seattle, WA.
51. *McMillan, R. H., J. A. Williams, M. K. Streich, and G. W. Stunz. 2024. Lavaca Bay Ecosystem Assessment: Gathering key baseline data among nursery habitats across a pollution gradient. Informal Science Education Association of Texas Annual Conference. Corpus Christi, TX.
50. Gawlik, D. E., D. A. Essian, J. Magolan, L. Wolff, J. Gibeaut, D. J. Newstead, B. M. Ballard, M. K. Streich, R. Mirzadi, J. C. Giese, C. Hale, and D. del Angel. 2024. History and trends of rookery islands in the western Gulf of Mexico. GOMCON 2024. Tampa, FL.
49. Essian, D., J. Magolan, L. Wolff, J. Gibeaut, D. Newstead, D. del Angel, C. Hale, M. K. Streich, and D. E. Gawlik. 2024. The effect of island traits on colony dynamics of five colonial waterbird species on the Texas coast. GOMCON 2024. Tampa, FL.

48. Gawlik, D. E., D. Essian, R. Mirzadi, B. M. Ballard, J. Giese, D. J. Newstead, J. Gibeaut, J. Magolan, M. K. Streich, L. Wolff, K. Wowk, C. Hale, and D. del Angel. 2023. A data-driven prioritization tool to guide waterbird colony island rehabilitation on the Texas coast. 47th Annual Meeting of The Waterbird Society. Fort Lauderdale, FL.
47. Streich, M. K. 2023. Legacy oil and gas infrastructure as fish habitat in the Gulf of Mexico. State of the Coast Conference. New Orleans, LA.
46. Livingston, M., S. McHaney, E. Sikes, K. Banks, M. Streich, G. Stunz, L. Campbell, H. Bauer, and T. Hopper. 2023. Make it count: A novel approach in boat ramp data collection. 153rd Annual Meeting of the American Fisheries Society. Grand Rapids, MI.
45. Martin, K. L., M. K. Streich, J. J. Wetz, and G. W. Stunz. 2023. Artificial reef location and orientation matter for fish communities. 2023 Texas Artificial Reef Symposium. Corpus Christi, TX.
44. Wetz, J. J., M. K. Streich, M. J. Ajemian, C. Downey, K. Banks, and G. W. Stunz. 2023. Artificial reef impacts in the western Gulf of Mexico: What have we learned in the last decade? 2023 Texas Artificial Reef Symposium. Corpus Christi, TX.
43. *Gaiter, D., J. Kaiser, M. K. Streich, and G. W. Stunz. 2023. Ecological assessment of the Colorado River Delta in order to preserve the Matagorda Bay Ecosystem. Ronald E. McNair Day at Texas A&M University-Corpus Christi. Corpus Christi, TX.
42. Drymon, J. M., A. E. Jargowsky, M. J. Ajemian, A. Q. Anderson, A. B. Collins, D. M. McAree, A. R. Osowski, E. G. Prasky, S. B. Scyphers, M. J. Sipos, and M. K. Streich. 2023. Case studies for involving stakeholders in the management of shark depredation. American Elasmobranch Society 2023 Joint Meeting of Ichthyologists and Herpetologists. Norfolk, VA.
41. Stephens, S., M. A. Dance, M. Z. Sluis, G. W. Stunz, R. Kline, M. K. Streich, R. J. D. Wells, and J. Rooker. 2023. Characterizing spatial and temporal trends of tarpon migrations in the northern Gulf of Mexico. Latin American and Caribbean Fisheries Congress. Cancún, Mexico.
40. Binstock, A., T. Richards, R. J. D. Wells, M. Drymon, K. Banks, M. K. Streich, G. W. Stunz, C. White, N. Whitney, and J. Mohan. 2023. Sink or swim? Post-release mortality of common shark species in a recreational shore-based fishery. Latin American and Caribbean Fisheries Congress. Cancún, Mexico.
39. Cummings, I. G., K. Banks, L. Stokes, M. K. Streich, and G. W. Stunz. 2023. Nighttime surveys' use in monitoring harvest and effort of the Texas southern flounder gig fishery. Latin American and Caribbean Fisheries Congress. Cancún, Mexico.
38. Wetz, J. J., Q. Hall, M. K. Streich, T. Topping, and G. W. Stunz. 2023. Mind the gap: Increasing recreational angler buy-in of science-based fisheries conservation methods. Latin American and Caribbean Fisheries Congress. Cancún, Mexico.
37. Gibson-Banks, K., M. K. Streich, T. S. Topping, and G. W. Stunz. 2023. Utility of citizen science data: A case study in land-based shark fishing. Latin American and Caribbean Fisheries Congress. Cancún, Mexico.

36. Cummings, I. G., K. Banks, M. K. Streich, and G. W. Stunz. 2023. Fall run: Southern Flounder (*Paralichthys lethostigma*) migration timing and trends in Texas ship channels. Texas Chapter of the American Fisheries Society. Corpus Christi, TX.
35. ^McAree, D. M., A. Q. Anderson, A. E. Jefferson, A. B. Collins, M. K. Streich, and J. M. Drymon. 2023. Depredation on descender devices: A Gulf-wide investigation. Alabama-Mississippi Bays and Bayous Symposium. Mobile, AL.
34. Stephens, S., M. Dance, R. Kline, M. Sluis-Zapp, M. K. Streich, G. Stunz, D. Wells, and J. Rooker. 2022. Habitat use and migrations of Atlantic Tarpon in the northern Gulf of Mexico. 75th Annual Meeting of the Gulf and Caribbean Fisheries Institute. Fort Walton Beach, FL.
33. *Zapata, H., K. Banks, M. K. Streich, J. Mohan, and G. W. Stunz. 2022. Comparing post-release fates to landing locations of sharks in the shore-based recreational fishery in Texas. Ronald E. McNair Day at Texas A&M University-Corpus Christi. Corpus Christi, TX.
32. ^*Martin, K. L., M. K. Streich, J. C. Thompson-Grim, J. J. Wetz, T. S. Topping, and G. W. Stunz. 2022. Comparing fish communities between Texas artificial reefs and natural banks. NOAA EPP/MSI Biennial Research Forum. Tallahassee, FL.
31. Binstock, A., T. M. Richards, K. Banks, M. K. Streich, G. Stunz, C. White, N. Whitney, M. Drymon, R. J. D. Wells, and J. Mohan. 2022. Sink or swim? Variability in post-release mortality of four common shark species captured in shore-based recreational fisheries. 152nd Annual Meeting of the American Fisheries Society. Spokane, WA.
30. Hall, Q., D. Coffey, M. K. Streich, M. Fisher, and G. Stunz. 2022. Assessing the impacts of guided gigging on Texas' southern flounder population using social media: A stab in the dark. Gulf States Marine Fisheries Commission Symposium "Floundering Around – Evaluating a declining species in the SE United States." Baton Rouge, LA.
29. ^*Zapata, H., K. Banks, J. Smith, M. K. Streich, D. Coffey, and G. Stunz. 2022. Characterizing landing locations in the shore-based recreational shark fishery in Texas. TAMU-CC Marine Science Graduate Student Organization 10th Annual Research Forum. Corpus Christi, TX.
28. Richards, T. M., J. A. Mohan, A. Binstock, J. M. Drymon, K. G. Banks, M. K. Streich, G. W. Stunz, C. White, N. Whitney, and R. J. D. Wells. 2022. Post-release mortality and behavior of sharks in shore-based recreational fisheries using citizen scientists and low-cost tags. Texas Chapter of the American Fisheries Society Annual Meeting. Hunt, TX.
27. Ajemian, M. J., M. P. McCallister, K. Gibson, M. K. Streich, and G. W. Stunz. 2020. Understanding artificial reef use by highly migratory species. Florida Artificial Reef Summit. Virtual Meeting.
26. Ajemian, M. J., M. P. McCallister, J. J. Wetz, M. K. Streich, and G. W. Stunz. 2020. Challenges and prospects for scientific monitoring of artificial reefs: Lessons learned from Texas to Florida. Florida Artificial Reef Summit. Melbourne Beach, FL.
25. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2019. Effects of a new artificial reef complex on Red Snapper and the associated fish community: An evaluation using a

- before-after control-impact approach. 2019 Texas Sea Grant Research Symposium. College Station, TX.
24. *Rodriguez, J., M. K. Streich, and G. W. Stunz. 2017. Across-shelf comparison of Red Snapper size and age structure at artificial reefs in the western Gulf of Mexico. Society for Advancement of Chicanos/Hispanics and Native Americans in Science STEM Conference. Salt Lake City, UT.
 23. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2017. Impacts of a new artificial reef on Red Snapper and the associated fish community: Evidence of enhanced production. 147th Annual Meeting of the American Fisheries Society. Tampa, FL.
 22. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2017. A comparison of fish community structure at mesophotic artificial reefs and natural banks in the western Gulf of Mexico. 147th Annual Meeting of the American Fisheries Society. Tampa, FL.
 21. Ajemian, M. J., M. K. Streich, J. J. Wetz, R. A. Brewton, and G. W. Stunz. 2017. Rigs-to-Reefs in the Gulf of Mexico. 147th Annual Meeting of the American Fisheries Society. Tampa, FL.
 20. *Rodriguez, J., M. K. Streich, and G. W. Stunz. 2017. Across-shelf comparison of Red Snapper size and age structure at artificial reefs in the western Gulf of Mexico. Louis Stokes Alliance for Minority Participation Symposium. San Antonio, TX.
 19. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2017. A comparison of fish community structure at mesophotic artificial reefs and natural banks in the western Gulf of Mexico. Texas Parks and Wildlife Department Artificial Reef Program 4th Annual Science and Research Consortium. Corpus Christi, TX.
 18. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2017. Enhanced production of Red Snapper (*Lutjanus campechanus*) at a newly constructed artificial reef in the western Gulf of Mexico. Texas Chapter of the American Fisheries Society Annual Meeting. Corpus Christi, TX.
 17. Ajemian, M. J., M. K. Streich, R. A. Brewton, C. H. Downey, J. J. Wetz, and G. W. Stunz. 2016. The role of “Rigs-to-Reefs” habitats in Red Snapper stock recovery in the northwestern Gulf of Mexico. Benthic Ecology Meeting. Portland, ME.
 16. Streich, M. K., J. J. Wetz, M. J. Ajemian, and G. W. Stunz. 2016. Relative abundance, age, and growth of Red Snapper: A comparison between artificial and natural habitats in the western Gulf of Mexico. Southern Division of the American Fisheries Society Annual Meeting. Wheeling, WV.
 15. Cummins, A., A. Fox, C. A. Kalinowsky, R. Chandler, M. K. Streich, and D. L. Peterson. 2016. Seasonal movements and annual mortality rates of tripletail *Lobotes surinamensis* in the Southeast. Southern Division of the American Fisheries Society Annual Meeting. Wheeling, WV.
 14. Streich, M. K., J. J. Wetz, M. J. Ajemian, and G. W. Stunz. 2016. Relative abundance, age, and growth of Red Snapper: A comparison between artificial and natural habitats in the western Gulf of Mexico. Texas Parks and Wildlife Department Artificial Reef Program 3rd Annual Science and Research Consortium. Corpus Christi, TX.

13. Streich, M. K., J. J. Wetz, M. J. Ajemian, and G. W. Stunz. 2015. Construction of the Corpus Christi Nearshore Reef: Effects on Red Snapper and the associated community. Texas Sea Grant Reception. Corpus Christi, TX.
12. *Walker, L. M., M. K. Streich, J. J. Wetz, and G. W. Stunz. 2015. Colonization of the Corpus Christi Nearshore Reef: A comparison of underwater video and traditional sampling gears for monitoring reef fish presence and abundance. Texas Sea Grant Reception. Corpus Christi, TX.
11. Streich, M. K., J. J. Wetz, M. J. Ajemian, and G. W. Stunz. 2015. Artificial reefs as surrogate habitats for Red Snapper in the northwestern Gulf of Mexico: A fishery-independent comparison of artificial and natural habitats. 145th Annual Meeting of the American Fisheries Society. Portland, OR.
10. *Walker, L. M., M. K. Streich, J. J. Wetz, and G. W. Stunz. 2015. Colonization of the Corpus Christi Nearshore Reef: A comparison of underwater video and traditional sampling gears for monitoring reef fish presence and abundance. Texas Bays and Estuaries Annual Meeting. Port Aransas, TX.
9. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2015. Effects on Red Snapper and the associated community following construction of the Corpus Christi Nearshore Reef. Texas Parks and Wildlife Artificial Reef Program 2nd Annual Science and Research Consortium. Corpus Christi, TX.
8. Wetz, J. J., M. K. Streich, M. J. Ajemian, and G. W. Stunz. 2015. Using vertical longlines to assess Red Snapper among various habitats in the Texas Coastal Bend region. Texas Parks and Wildlife Department Artificial Reef Program 2nd Annual Science and Research Consortium. Corpus Christi, TX.
7. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2014. Assessing the fishery resources of the Corpus Christi Nearshore Reef. Center for Sportfish Science and Conservation Board Meeting. Corpus Christi, TX.
6. Streich, M. K., M. J. Ajemian, and G. W. Stunz. 2014. Abundance and size structure of Red Snapper among natural and artificial habitats in the northwestern Gulf of Mexico. Texas Chapter of the American Fisheries Society Annual Meeting. Pottsboro, TX.
5. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2014. Assessing the fishery resources of TPWD artificial reefs offshore Port Aransas, TX. Texas Parks and Wildlife Department Artificial Reef Program Annual Science and Research Consortium. Corpus Christi, TX.
4. Streich, M. K., M. J. Ajemian, J. J. Wetz, and G. W. Stunz. 2013. Relative abundance and size structure of Red Snapper, *Lutjanus campechanus*, at natural and artificial habitats in the northwestern Gulf of Mexico. Gulf and Caribbean Fisheries Institute Annual Meeting. Corpus Christi, TX.
3. Streich, M. K., C. Kalinowsky, and D. L. Peterson. 2012. Estuarine residence and movements of Tripletail within the Ogeechee River-Ossabaw Sound Estuary, Georgia. Georgia Chapter of the American Fisheries Society Annual Meeting. Macon, GA.

2. Streich, M. K., C. Kalinowsky, and D. L. Peterson. 2012. Estuarine residence and movements of Tripletail within the Ogeechee River-Ossabaw Sound Estuary, Georgia. Southern Division of the American Fisheries Society Annual Meeting. Biloxi, MS.
1. Streich, M. K., and D. L. Peterson. 2011. Evidence of a Bull Shark nursery in the Altamaha River Estuary, Georgia. Southeastern Association of Fish and Wildlife Agencies Annual Meeting. Nashville, TN.

INVITED SPEAKER PRESENTATIONS

12. Streich, M.K. 2024. Addressing fishery management needs through sound science: Research highlights and upcoming projects at the Sportfish Center. A Lecture Series with HRI. Corpus Christi, TX.
11. Streich, M. K. 2024. Addressing fishery management needs through sound science: Research highlights at the Sportfish Center. Coastal Conservation Association National Board Meeting. Houston, TX.
10. Streich, M. K. 2023. Texas artificial reef research. Corpus Christi Coastal Conservation Association Anglers Night Out. Corpus Christi, TX.
9. Streich, M. K. 2023. Center for Sportfish Science and Conservation: Research overview and upcoming projects. Saltwater-fisheries Enhancement Association September Meeting. Corpus Christi, TX.
8. Streich, M. K. 2023. Artificial reefs as fish habitat in the Gulf of Mexico: Impacts of Rigs-to-Reefs. ICAST Conservation Summit, Theodore Roosevelt Conservation Partnership. Orlando, FL.
7. Streich, M. K. 2021. Movement patterns and discard mortality of Cobia in the Gulf of Mexico. Gulf of Mexico Fishery Management Council August Meeting. San Antonio, TX.
6. Streich, M. K. 2020. Matagorda Bay Ecosystem Assessment. Texas Seagrass Workgroup Meeting. Port Aransas, TX.
5. Streich, M. K. 2017. Artificial reefs as fish habitat in the western Gulf of Mexico: Potential impacts of Rigs-to-Reefs. Flower Garden Banks National Marine Sanctuary Advisory Council Quarterly Meeting. Galveston, TX.
4. Streich, M. K. 2017. Artificial reefs as fish habitat in the western Gulf of Mexico: potential impacts of Rigs-to-Reefs. Petroleum Institute of Thailand Meeting. New Orleans, LA.
3. Streich, M. K., and T. S. Topping. 2018. Overview of the Center for Sportfish Science and Conservation. TPWD International Affairs Meeting. Corpus Christi, TX.
2. Streich, M. K. Fisheries research in the Texas Coastal Bend. 2015. Student Chapter of The Wildlife Society Meeting, Texas A&M University-Kingsville. Kingsville, TX.
1. Ajemian, M. J., J. J. Wetz, M. K. Streich, and G.W. Stunz. 2014. Fish community assessment on artificial reefs of the western Gulf of Mexico: Potential impacts of 'Rigs-to-reefs' programs. Invited Seminar, University of Alicante. Alicante, Spain.

STUDENT MENTORSHIP

Graduate Committees

2024 – present	Kimber Montanye (TAMU-CC)	M.S. Committee Member
2024 – present	Isabel Tiller (TAMU-CC)	M.S. Committee Co-Chair
2023 – present	Rob McMillan (TAMU-CC)	M.S. Committee Co-Chair
2023 – present	Alex Sharp (TAMU-CC)	Ph.D. Committee Member
2018 – 2020	Jill Thompson-Grim (TAMU-CC)	M.S. Committee Member

Undergraduate Projects

2023	Daunte Gaiter (Colorado River Delta nekton community, McNair)
2021	Hannah Zapata (Shark landing locations in shore-based fisheries, McNair)
2017	Jasmine Rodriguez (Red Snapper age structure at artificial reefs, LSAMP)
2015	Lily Walker (Reef fish relative abundance at a new artificial reef, TBEM)
2014	Jesse Smith (Red Snapper age and growth habitat comparisons, SURF)
2013	Ruben Palacios (Red Snapper age and growth, SACNAS)

PROFESSIONAL ORGANIZATIONS, ACTIVITIES, AND SERVICE

2024 – present	Management Transition Advisory Group (MTAG) member for NCCOS project: “Habitat requirements and ecosystem connectivity of reef-associated fishes in the FGBNMS”
2024 – present	CCA-Texas Habitat Today for Fish Tomorrow Committee
2024 – present	CCA Corpus Christi Chapter Board Member
2023 – present	CBBEP Habitat and Living Resources Implementation Team
2023	Gulf of Mexico Offshore Wind & Fisheries Summit, Session Moderator
2021 – present	Texas Tarpon Collaborative, Advisory Board Member
2021	SEDAR 74 GoM Red Snapper Stock ID, Life History Working Group
2020 – present	iTAG, Florida Fish and Wildlife Conservation Commission
2019 – 2023	CBBEP Water and Sediment Quality Implementation Team
2019	TPWD Species of Greatest Conservation Need Working Group
2011 – present	American Fisheries Society

University Organizations, Activities, and Service

2023	<i>Guest Lecturer</i> , Coastal Management and Ocean Law, 25 Oct. 2023. “Federal fisheries management in the United States: A case study of Gulf of Mexico Red Snapper.” Corpus Christi, TX.
2022 – present	TAMU-CC Council of Principal Investigators and Research Administrators (CPIRA)
2021	HRI Peer Institutions Working Group

- 2020 *Guest Lecturer*, Coastal Management and Ocean Law, 29 Oct. 2020. “Federal fisheries management: A case study of Gulf of Mexico Red Snapper.” Corpus Christi, TX.
- 2019 *Guest Lecturer*, Coastal Management and Ocean Law, 7 Nov. 2019. “Federal fisheries management in the Gulf of Mexico: A case study of Red Snapper.” Corpus Christi, TX.
- 2019 *Science Judge*, Marine Science Graduate Student Organization Annual Research Forum, Corpus Christi, TX.
- 2016 *Science Judge*, Marine Science Graduate Student Organization Annual Research Forum, Corpus Christi, TX.
- 2013 *Student Coordinator*, Gulf and Caribbean Fisheries Institute Poster Session, Corpus Christi, TX.
- 2012 – 2016 *Member*, Marine Science Graduate Student Organization, Texas A&M-Corpus Christi.
- 2011 – 2012 *Treasurer*, Student Chapter of the American Fisheries Society, University of Georgia.
- 2009 – 2010 *Student Ambassador*, Warnell School of Forestry and Natural Resources Student Ambassadors, University of Georgia.
- 2009 – 2010 *Associate Forester*, Xi Sigma Pi, University of Georgia.
- 2007 – 2012 *Member*, Student Chapter of the American Fisheries Society, University of Georgia.

Other Organizations

- 2014 – present Ducks Unlimited
- 2012 – present Coastal Conservation Association

JOURNAL REVIEWER

AFS Symposium Series
Bulletin of Marine Science
Continental Shelf Research
Diversity
Estuaries and Coasts
Fisheries Research
Frontiers in Marine Science
Gulf of Mexico Science
ICES Journal of Marine Science
Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science
Marine Environmental Research
North American Journal of Fisheries Management

Scientific Reports
Southeastern Naturalist

SCIENTIFIC REVIEW PANELS

NOAA – Mississippi-Alabama Sea Grant
NOAA – North Carolina Sea Grant

WORKSHOPS & CONTINUING EDUCATION

2024	IDG Vision Leadership Training
2022	SeaGIS CAL and EventMeasure Software Training. SeaGIS Pty. Ltd., Galveston, Texas.
2022	DISC for Teams Communication Training. IDG Vision Consulting & Training. Webinar.
2019	VideoRay Mission Defender ROV Training. VideoRay, LLC., Corpus Christi, Texas.
2018	Echoview Software Training. Echoview Software Pty. Ltd., Halifax, Nova Scotia, Canada.
2017	Advanced GIS for Fisheries Scientists. American Fisheries Society, Tampa, Florida.
2017	Otolith Microchemistry 101: An Introduction for Fisheries Scientists. Texas Chapter of the American Fisheries Society, Corpus Christi, Texas.
2016	Data Wrangling in R and R Studio. Southern Division of the American Fisheries Society, Wheeling, West Virginia.
2016	Data Visualization in R using ggplot2. Southern Division of the American Fisheries Society, Wheeling, West Virginia.
2016	Advanced Workshop (Conversion of PRIMER 6 to PRIMER 7) on Multivariate Analysis in Ecology and Other Sciences using PRIMER v7. PRIMER-E, Corpus Christi, Texas.
2015	Age and Growth Analysis with R. American Fisheries Society, Portland, Oregon.

COLLABORATORS

M. Ajemian (FAU-HBOI), K. Banks (TAMU-CC), D. Coffey (TAMU-CC), J. Curtis (SAFMC), M. Dance (LSU), J. M. Drymon (MSU), J. Dutton (TSU), M. Fisher (TPWD), J. Froeschke (GMFMC), D. Gawlik (TAMU-CC), C. Kalinowsky (GADNR-CRD), J. Mohan (UNE), E. Oborny (BIOWEST), J. Pollack (TAMU-CC), J. Rooker (TAMUG), B. Shipley (TPWD), D.

Shively (TPWD), G. Stunz (TAMU-CC; Ph.D. advisor), S. VanderKooy (GSMFC), D. Wells (TAMUG), M. Wetz (TAMU-CC)

HONORS & AWARDS

2016	Coastal Conservation Association Texas Graduate Scholarship
2015	Carl R. Beaver Memorial Scholarship
2014	Carl R. Beaver Memorial Scholarship
2013 – 2016	Texas A&M Univ.-Corpus Christi Graduate Research Assistantship
2012 – 2013	Texas A&M Univ.-Corpus Christi Graduate Teaching Assistantship
2010 – 2012	Warnell School Graduate Student Assistantship
2010	<i>Magna cum laude</i> , University of Georgia
2009	Gordie J. Yancey Scholarship
2009	Xi Sigma Pi, elected to membership
2008	Trout Unlimited Scholarship
2008 – 2009	Presidential Scholar, University of Georgia
2007 – 2010	Dean's List, University of Georgia

SKILLS & CERTIFICATIONS

- DAN first aid, O₂, CPR, AED
- DAN Diving Emergency Management Provider
- Boating safety (USCG approved), operation (up to 36'), trailering, and basic maintenance
- Video Ray Remotely Operated Vehicle Pilot Training
- Field sampling: gill nets, trammel nets, drift nets, angling, seines, small trawls, cast nets, epibenthic sled, remotely operated vehicle (ROV), fisheries acoustics, vertical line, fish traps, visual census, acoustic telemetry (passive and active), radio telemetry, satellite telemetry, stream habitat assessment
- SCUBA (AAUS scientific diver; 130 dives)
- Microsoft Office (Word, Excel, Powerpoint, Access)
- Statistical software: R, SAS, MARK, PRIMER
- GIS: ArcMap, ArcScene

MEDIA COVERAGE

Print News

32. Radke, Megan. "Big milestone: Celebrating 10 years of sportfish research." *The Islander*. Spring 2024. <https://www.tamucc.edu/marketing-and-communications/assets/documents/spring-2024-magazine-small.pdf>
31. CSSC (AD). "Species Profiles: Spotted Seatrout (*Cynoscion nebulosus*)." *Texas Saltwater Fishing Magazine*. p. 45. May 2024.

30. Reagan, Mark. "Coast Guard SPI nets 1,650 pounds of illegally caught red snapper in April." *myRGV.com*. April 27, 2024.
29. Skinner, Nate. "Amberjack study underway." *Lone Star Outdoor News*. April 26, 2024.
28. Sanchez, James. "Center for Sportfish Science and Conservation Sportfish Tagging Initiative." *Rancho.Pisto.Pesca*. Spring 2024.
27. CSSC (AD). "ReleaSense: fish today with tomorrow in mind." *Tide*. p. 43. April/May 2024.
26. CSSC (AD). "Juvenile Tarpon and Snook Habitat Survey." *Currents*. p.11. April/May 2024.
25. CSSC (AD). "Species Profiles: Spotted Seatrout (*Cynoscion nebulosus*)." *Currents*. p. 6. April/May 2024.
24. Johnson, Octavia. "Authorities seized 3,000 pounds of red snapper off the Texas coast in 2024. Here's why it matters." *Houston Chronicle*. March 27, 2024. <https://www.houstonchronicle.com/news/houston-texas/trending/article/2024-illegally-caught-red-snapper-texas-19369296.php>
23. Aguirre, Priscilla. "U.S. Coast Guard seizing increasing amount of illegally caught fish in Gulf." *San Antonio Express News*. March 25, 2024. <https://www.mysanantonio.com/news/local/article/coast-guard-illegal-fishing-texas-gulf-18709843.php>
22. Geib, Claudia. "At Sharkathon, shark fishers are a keen audience for conservation advice." *Hakai Magazine*. December 2023.
21. Lockwood, Ryan. "Takeaways from the ICAST Conservation Summit." Theodore Roosevelt Conservation Partnership Blog. July 18, 2023. <https://www.trcp.org/2023/07/18/takeaways-from-the-icast-conservation-summit/>
20. Gaskill, Melissa. "Waterway Wellness." *Texas Highways*. July 2023.
19. Skinner, Nate. "Trout Tagging Texas making strides in coastal waters." *Lone Star Outdoor News*. June 15, 2023.
18. Radke, Megan. "TAMU-CC Island Anglers Club fish for fun and for science." Harte Research Institute News. August 25, 2022. <https://www.harte.org/news/islander-anglers-fish-fun-and-science?fbclid=IwARIYsqxLVSDhV9ncnFa-IafwQGhJW019fyk6Vso5nb7pn574cD8URaFT6DM>
17. Hall, Quentin. "Anglers: The most powerful tool in fisheries management." *Texas Saltwater Fishing Magazine*. January 2022.
16. Hall, Quentin. "Lone star ling." *Texas Saltwater Fishing Magazine*. October 2021.
15. Uzzle, Chuck. "Creating a brighter future." *Texas Saltwater Fishing Magazine*. August 2021.
14. Brogle, Courtney. "Fisherman Catches Monster 876-pound Record Breaking Tuna." *Newsweek*. May 5, 2021. <https://www.newsweek.com/fisherman-catches-monster-876-pound-record-breaking-tuna-1589013?amp=1>
13. Wyatt, Matt. "After 9-hour fight, Texas fisherman catches record 879-pound bluefin tuna." *Houston Chronicle*. May 3, 2021. <https://www.houstonchronicle.com/texas-sports-nation/general/article/Texas-record-bluefin-tuna-caught-after-9-hour->

16147230.php?utm_medium=referral&utm_source=twitter.com&utm_campaign=sftwitter.

12. Márquez, Melissa. “Mako-ing history: Uncovering Mako shark movements in the Gulf of Mexico.” *Forbes Magazine*. March 17, 2021.
11. Streich, Matt. “Cracking the code on Cobia.” *Tide Magazine*. January/February 2021.
10. Sams, Lili. “Spearheading cobia research in the Gulf.” *Lone Star Outdoor News*. August 14, 2020.
9. Wyatt, Matt. “Researchers aim to learn more about post-release shark survival.” *Houston Chronicle*. February 15, 2020.
8. Buskey, Nikki. “HRI research cruise surveys Texas reefs for red snapper count.” *TAMUCC News*. September 12, 2019. <http://www.tamucc.edu/news/2019/09/091219-hri-red-snapper-research-cruise-august-2019.html#.XYGbWGZ7mUl>.
7. Priest, Jessica. “Fish caught locally with plastic in gut is sign of global problem.” *Victoria Advocate*. August 25, 2019.
6. Buskey, Nikki. “Oases of life.” *ECO Magazine*. September 2017.
5. Priest, Jessica. “Long lines help monitor fish at newest Texas artificial reef.” *The Washington Times*. June 26, 2017.
4. Freeman, Suzanne. “Corpus Christi scientist supports Rigs-to-Reefs.” *Corpus Christi Business News*. June 22, 2017.
3. “Artificial reefs crucial to keeping Gulf healthy.” *Victoria Advocate*. June 17, 2017.
2. Van Dyke Walden, Janice. “New life for old structures: Scientists are finding a surprising diversity of life on Texas artificial reefs.” *Gulf Coast Mariner*. July/August 2016.
1. Burke, John. “Burke: Getting to know more about tripletails.” *Savannah Morning News*. August 12, 2010.

TV Newscasts, Radio, and Podcasts

8. Telemundo Corpus Christi. “SEA donará \$10,000 al Instituto de Investigación harte en TAMU-CC.” December 22, 2023. <https://www.telemundocc.com/noticias/noticias-locales/sea-donara-10-000-al-instituto-de-investigacion-harte-en-tamu-cc-para-apoyar-la-proxima-investigacion-sobre-la-platija-del-sur>
7. KRIS-TV. “6 News at Sunrise.” SEA donates \$10,000 to Harte Research Institute at Texas A&M University-Corpus Christi. December 21, 2023. https://us.vocuspr.com/ViewNewsOnDemand.aspx?Email=emily.mccauley%40tamucc.edu&Date=12%2f21%2f2023+10%3a02%3a00+AM&ArticleID=513992_24933_450700030
6. The Lone Star Outdoor Show. “*Invasive Smallmouth A Threat to Legendary Trout Fishery & Shark, Amberjack, Red Snapper Research in Gulf of Mexico.*” September 5, 2023.

<https://lonestaroutdoorshow.com/2023/09/05/episode-692-catch-and-kill-invasive-smallmouth-a-threat-to-legendary-trout-fishery-shark-amberjack-red-snapper-research-in-gulf-of-mexico/>

5. KRIS-TV. "Viral whale shark video taken in Port Aransas." August 17, 2023.
<https://www.kristv.com/news/local-news/viral-whale-shark-video-taken-in-port-aransas>
4. Texas Farm Bureau, Texas Wildlife Radio. "Southern flounder research underway in Coastal Bend." June 2, 2022. https://soundcloud.com/texasfarmbureau/060222-southern-flounder-research-underway-in-coastal-bend/s-QOcmlo3kL1b?in=texasfarmbureau/sets/texas-wildlife&utm_source=clipboard&utm_medium=text&utm_campaign=social_sharing
3. Texas Farm Bureau, Texas Wildlife Radio. "Southern flounder research in Texas." June 1, 2022. https://soundcloud.com/texasfarmbureau/060122-southern-flounder-research-in-texas/s-48tngu1eycy?in=texasfarmbureau/sets/texas-wildlife&utm_source=clipboard&utm_medium=text&utm_campaign=social_sharing
2. KBSO 94.7. Blake's Morning Show. "Center for Sportfish Science and Conservation's Ling Tagging Project." September 30, 2021.
<https://radio.securenetsystems.net/cwa/index.cfm?stationCallSign=KBSO>
1. KBSO 94.7. Blake's Morning Show. "Center for Sportfish Science and Conservation's iSnapper App and Cobia Migration Study." June 22, 2021.
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