

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>Associate Research Scientist</i> , Center for Sportfish Science and Conservation, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi.
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.
2019 – present	<i>Adjunct Graduate Faculty</i> , Texas A&M University-Corpus Christi.

PROFESSIONAL EXPERIENCE

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.
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.
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. <i>Dissertation Title:</i> Ecology of Red Snapper in the western Gulf of Mexico: Comparisons among artificial and natural habitats <i>Advisor:</i> 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 GRANTS

Cumulative Total: \$24.8M (\$11.8M as PI/Co-PI)

- 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 Lavaca Bay Ecosystem Assessment: Gathering key baseline data among nursery habitats spread across a pollution gradient. **Matagorda Bay Mitigation Trust**. G. Stunz (PI), M. Streich (Co-PI) - \$399,776
- 2022 – 2024 Shining light on harvest and effort for the recreational flounder gig fishery in Texas. **National Oceanic and Atmospheric Administration – Texas Sea Grant**. G. Stunz (PI), M. Streich (Co-PI), K. Banks (Co-PI) - \$445,382
- 2021 – 2023 Greater Amberjack (*Seriola dumerili*) abundance, distribution, and movement in U.S. waters in the South Atlantic and Gulf of Mexico. **National Oceanic and Atmospheric Administration – Mississippi-Alabama Sea Grant Consortium**. 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
- 2021 – 2023 Colorado River Delta Ecosystem Assessment: Gathering key baseline data to guide future habitat restoration in Matagorda Bay. **Matagorda Bay Mitigation Trust**. G. Stunz (PI), M. Streich (Co-PI) - \$495,991
- 2021 – 2022 Revision and data analysis update of the Great Red Snapper Count Final Report. **NOAA – Mississippi-Alabama Sea Grant Consortium**. G. Stunz (PI), M. Streich (Co-PI) - \$12,500

- 2021 – 2022 Center for Sportfish Science and Conservation Angler Engagement Program. **George and Mary Josephine Hamman Foundation**. G. Stunz (PI), M. Streich (Co-PI) - \$25,000
- 2021 – 2022 Seasonal movements of Cobia in Texas and the western Gulf of Mexico. **TPWD – Coastal Fisheries State Wildlife Grant**. M. Streich (PI), G. Stunz (Co-PI), J. Curtis (Co-PI) - \$153,849
- 2020 – 2021 An assessment of Tarpon recruitment patterns, movements, and habitat use in the Texas Coastal Bend. **Harvey Weil Sportsman Conservationist Trust**. M. Streich (PI), G. Stunz (Co-PI) - \$10,000
- 2020 – 2021 A scientific assessment of the ecological performance and habitat value of standing vs. reefed oil and gas platforms. **Gulf Offshore Research Institute**. G. Stunz (PI), M. Streich (Co-PI), D. Coffey (Co-PI) - \$20,000
- 2020 – 2021 Vessel electronics and research support. **George and Mary Josephine Hamman Foundation**. G. Stunz (PI), M. Streich (Co-PI) - \$20,000
- 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. **Texas Comptroller of Public Accounts**. 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-PI) - \$3,443,377 *role included proposal preparation, macrofauna sampling design and collection, and reporting
- 2019 – 2021 Habitat use and movement of Tarpon along the Texas Coast. **Bonefish and Tarpon Trust**. 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
- 2019 – 2020 Movement patterns and discard mortality of Cobia in the Gulf of Mexico. **Gulf of Mexico Fishery Management Council**. M. Streich (PI), G. Stunz (Co-PI), J. Curtis (Co-PI) - \$92,500
- 2019 – 2020 Post-release mortality and behavior of sharks in shore-based recreational fisheries using citizen scientists and low-cost tags. **National Oceanic and Atmospheric Administration – Cooperative Research Program**. J. Mohan (PI), M. Streich (Co-PI), D. Wells (Co-PI), M. Drymon (Co-PI), G. Stunz (Co-PI) - \$240,892
- 2018 – 2020 Evaluating the relative habitat value of intertidal and subtidal oyster reefs to improve restoration methods. **National Oceanic and Atmospheric Administration – Texas Sea Grant**. J. Pollack (PI), M. Streich (Co-PI), G. Stunz (Co-PI), J. Curtis (Co-PI) - \$336,794
- 2018 – 2020 Fisheries impact of Rio Grande Valley Reef. **Valley Crossing Pipeline Community Investment**. G. Stunz (PI), M. Streich (Co-PI) - \$350,000

- 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) - \$49,657
- 2018 – 2019 Impacts of Hurricane Harvey on Cedar Bayou: A post-disturbance assessment of sportfish use of essential fish habitat. **Harvey Weil Sportsman Conservationist Trust**. J. Curtis (PI), M. Streich (Co-PI), G. Stunz (Co-PI) - \$6000
- 2017 – 2020 Estimating the absolute abundance of Age 2+ Red Snapper in the U.S. Gulf of Mexico. **National Oceanic and Atmospheric Administration – Mississippi-Alabama Sea Grant Consortium**. 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-PI), and 17 others - \$12,000,024 *role included proposal preparation and field sampling with ROV and hydroacoustics in western Gulf of Mexico
- 2014 – 2015 Assessing the impact of a newly constructed artificial reef off Port Aransas, Texas: What are we missing? **Texas Sea Grant Grants-in-Aid of Graduate Research**. M. Streich (PI) - \$2000
- 2013 – 2014 Artificial reef structure and function: Effects on Red Snapper recruitment in the western Gulf of Mexico. **Texas Sea Grant Grants-in-Aid of Graduate Research**. M. Streich (PI) - \$2000

PUBLICATIONS

Peer-reviewed Articles

13. Banks, K. G., M. K. Streich, J. M. Curtis, and G. W. Stunz. Influence of hurricane activity on Red Snapper (*Lutjanus campechanus*) movements around artificial reefs. **Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science**. *In Review*.
12. Hall, Q. A., D. M. Coffey, M. K. Streich, M. R. Fisher, and G. W. Stunz. Shining light on the impact of guided-gigging charters on Texas' southern flounder fishery using social media photo archives: A stab in the dark. **PLOS ONE**. *In Press*.
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. DOI: 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. DOI: 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.

DOI: 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. DOI: 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. DOI: 10.1002/tafs.10104.
*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. DOI: 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. DOI: 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. DOI: 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. DOI: 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. DOI: 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

6. 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.

5. 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.
4. 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.
3. 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.
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.

PRESENTATIONS

* Student presentation under mentorship of Streich

Δ Invited speaker

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| 2022 | *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 8 th Annual Research Forum. Corpus Christi, TX. |
| 2022 | 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. |
| 2021 | Δ 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. |
| 2020 | 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. |
| 2020 | Δ Streich , M. K. 2020. Matagorda Bay Ecosystem Assessment. Texas Seagrass Workgroup Meeting. Port Aransas, TX. |

- 2020 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.
- 2019 **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.
- 2018 **Streich**, M. K., and T. S. Topping. 2018. Overview of the Center for Sportfish Science and Conservation. TPWD International Affairs Meeting. Corpus Christi, TX.
- 2017 Δ **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.
- 2017 Δ **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.
- 2017 *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.
- 2017 **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. American Fisheries Society Annual Meeting. Tampa, FL.
- 2017 **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. American Fisheries Society Annual Meeting. Tampa, FL.
- 2017 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. American Fisheries Society Annual Meeting. Tampa, FL.
- 2017 *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.
- 2017 **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.

- 2017 **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.
- 2016 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.
- 2016 **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.
- 2016 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.
- 2016 **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.
- 2015 **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.
- 2015 *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.
- 2015 **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. American Fisheries Society Annual Meeting. Portland, OR.
- 2015 Δ **Streich**, M. K. Fisheries research in the Texas Coastal Bend. 2015. Invited Seminar, Texas A&M University-Kingsville. Kingsville, TX.
- 2015 *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.
- 2015 **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.
- 2015 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.
- 2014 ΔAjemian, 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.
- 2014 **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.
- 2014 **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.
- 2014 **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.
- 2013 **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.
- 2012 **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.
- 2012 **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.
- 2011 **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.

STUDENT MENTORSHIP

Graduate Committees

2018 – 2020 Jill Thompson-Grim (TAMU-CC) M.S. Committee Member

Undergraduate Projects

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

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 – present CBBEP Water and Sediment Quality Implementation Team
 2019 TPWD Species of Greatest Conservation Need Working Group
 2011 – present American Fisheries Society (national and state chapters)

University Organizations, Activities, and Service

2021 - present HRI Peer Institutions Working Group
 2020 *Guest Lecturer*, Coastal Management and Ocean Law, 29 Oct. 2019.
 "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	<i>Treasurer</i> , Student Chapter of the American Fisheries Society, University of Georgia.
2009 – 2010	<i>Student Ambassador</i> , Warnell School of Forestry and Natural Resources Student Ambassadors, University of Georgia.
2009 – 2010	<i>Associate Forester</i> , Xi Sigma Pi, University of Georgia.
2007 – 2012	<i>Member</i> , 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
Diversity
Fisheries Research
Frontiers in Marine Science
Gulf of Mexico Science
ICES Journal of Marine Science
Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science
North American Journal of Fisheries Management
Scientific Reports
Southeastern Naturalist

WORKSHOPS & CONTINUING EDUCATION

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), 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)

AWARDS & HONORS

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 AND CERTIFICATIONS

- DAN first aid, O₂, CPR, AED
- DAN Diving Emergency Management Provider
- Boating safety (USCG approved), operation (up to 36'), trailering, and basic maintenance
- 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; 120 dives)
- Microsoft Office (Word, Excel, Powerpoint, Access)
- Data management
- Statistical software: R, SAS, MARK, PRIMER
- GIS: ArcMap, ArcScene

MEDIA COVERAGE

Print News

15. Hall, Quentin. "Anglers: The most powerful tool in fisheries management." *Texas Saltwater Fishing Magazine*. January 2022.
14. Hall, Quentin. "Lone star ling." *Texas Saltwater Fishing Magazine*. October 2021.
13. Uzzle, Chuck. "Creating a brighter future." *Texas Saltwater Fishing Magazine*. August 2021.
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

2. KBSO 94.7. "*Lago in the Morning.*" 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. "*Lago in the Morning.*" Center for Sportfish Science and Conservation's iSnapper App and Cobia Migration Study. June 22, 2021.

<https://radio.securenetsystems.net/cwa/index.cfm?stationCallSign=KBSO>