

## CURRICULUM VITAE

### GREGORY WAYNE STUNZ

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**Birth date:** May 2, 1967

**Birthplace:** Houston, Texas

#### **Education:**

<b>Institution:</b>	<b>Degree:</b>	<b>Date:</b>	<b>Field of Study:</b>
University of Texas at San Antonio	B.S.	1990	Biology
Texas A&M University	M.S.	1995	Wildlife and Fisheries Sciences
Texas A&M University	Ph.D.	1999	Wildlife and Fisheries Sciences

#### **Present Positions:**

2010 - present      Endowed Chair, Fisheries and Ocean Health, Harte Research Institute for Gulf of Mexico Studies - Texas A&M University-Corpus Christi

2007 - present      Chair and Program Coordinator for Marine Biology Doctor of Philosophy and Master of Science Degree Program

2006 - present      Associate Professor of Marine Biology - Texas A&M University-Corpus Christi

#### **Professional Background:**

2007 - 2010      Endowed Associate Research Professor, Harte Research Institute for Gulf of Mexico Studies-Texas A&M University-Corpus Christi

2002 - 2006      Assistant Professor of Marine Biology - Texas A&M University-Corpus Christi

1999 - 2002      Research Fishery Ecologist, United States Department of Commerce, National Oceanographic and Atmospheric Administration, Galveston Laboratory Texas

2002              Adjunct Professor of Biology, Texas A&M University at Galveston

2001              Post-Doctoral Fellow, Texas A&M University/NOAA-Fisheries

1999 - 2001      Lecturer in Marine Biology, Texas A&M University at Galveston

1998 - 1999      Texas Institute of Oceanography Fellow, Texas A&M Univ. at Galveston

1994 - 1998      Graduate Research/Teaching Assistant, Texas A&M Universities

1987 - 1994      Senior Research Assistant, Southwest Foundation for Biomedical Research, San Antonio, Texas

#### **Areas of Specialization:**

Research interests are in marine biology with an emphasis in marine ecology and fisheries. My research program focuses on marine ecological issues related to ocean health such as understanding the ecological role of marine habitats, fisheries ecology of exploited species, and migration patterns of marine life.

**Research Grants: (Cumulative Total - \$6,589,009)**

\* Please see Current and Pending appendix for details

- 2010-2011 iSnapper: Design, testing, and analysis of an iPhone-based application as an electronic log book in the For Hire reef fish fishery. **National Oceanic and Atmospheric Association – Cooperative Research Program.** G. Stunz (PI), M. Johnson (Co-PI), D. Yoskowitz (Co-PI) - \$178,179.
- 2010-2011 Estimating discard and bycatch rates in the commercial handline fishery for red snapper under the IFQ program. **National Oceanic and Atmospheric Association – Cooperative Research Program.** G. Stunz (Co-PI), S. Diamond (PI) - \$238,489.
- 2010-2012 Evaluating the effect barotrauma on regulatory discards in the red snapper fishery using the advanced acoustic telemetry and hyperbaric experimentation. **National Oceanic and Atmospheric Association – Marine Fisheries Initiative.** G. Stunz (PI), S. Diamond (Co-PI), M. Johnson (Co-PI) - \$237,045.
- 2009-2010 Contaminant level of fishes in several coastal bend estuaries: screening investigation. **Environmental Protections Agency - Coastal Bend Bays and Estuaries Program.** G. Stunz (PI) - \$44,000.
- 2009-2012 Ecological importance of biodiversity hotspots to coastal sharks: Characterizing apex predator usage of Padre Island National Seashore. **United States Department of the Interior/USGS/ Park-Oriented Biological Support.** G. Stunz (PI), M. Wildhaber (Co-PI) - \$74,941.
- 2009-2011 Texas Coastal Management Program Section 309 Assessment and Strategies Report 2011 - 2015. **Texas General Land Office - Coastal Management Program.** G. Stunz (Co-PI), R. Mclaughlin (PI), J. Gibeaut (Co-PI), P. Montagna (Co-PI), T. Shirley (Co-PI), D. Yoskowitz (Co-PI) - \$268,936.
- 2009-2011 Testing hypotheses on red snapper survival and stock and recruitment patterns. **Environmental Defense Fund.** G. Stunz (Co-PI), S. Diamond (PI) - \$66,582.
- 2009-2011 CAMEO: Building the foundation - An integrative approach to managing the dewatering of estuaries. **National Science Foundation/National Oceanic and Atmospheric Association.** G. Stunz (Co-PI), P. Montagna (PI), J. Gibeaut (Co-PI), T. Shirley (Co-PI), R. Mclaughlin (Co-PI), D. Yoskowitz (Co-PI) - \$454,180.
- 2009-2012 Acquisition of equipment to quantify environmental conditions in estuarine systems. **National Science Foundation.** G. Stunz (Co-PI), L. Smee (PI), P. Montagna (Co-PI), A. Mestas (Co-PI), Overath (Co-PI) - \$389,542.
- 2009-2010 Habitat use of spotted seatrout in Texas coastal waters: Using ultrasonic acoustic telemetry to determine movement patterns of this important recreational fishery. **Harvey-Weil Conservationist Trust.** G Stunz (PI) - \$10,000.
- 2008-2011 Evaluation of ecosystem services of coastal habitats. **U.S. Environmental Protection Agency; Gulf of Mexico Program.** G. Stunz (Co-PI), D. Yoskowitz (PI), J. Gibeaut (Co-PI) - \$199,762.

- 2008-2010 Estuarine Habitat Loss: Impacts of essential nursery habitat fragmentation on marine fishes. **Norman Hackerman Advanced Research Program.** G. Stunz (PI), J. Holt (Co-PI) - \$150,000.
- 2008-2011 Gulf of Mexico Alliance: Identification and Characterization of Gulf Habitats Priority Issues Team. **National Oceanic and Atmospheric Association- Gulf of Mexico Alliance** G Stunz (Co-PI). J. Gibeaut (PI), P. Montagna (Co-PI), T. Shirley (Co-PI), R. McLaughlin, L. McKinney (Co-PI), D. Yoskowitz (Co-PI) and 7 other Co-PIs. - \$2,436,113.
- 2008-2010 Assessing stock enhancement efficacy and the success of hatchery-reared fish using a combination of genetics and otolith chemistry. **National Oceanic and Atmospheric Association – Saltonstall-Kennedy.** G. Stunz (Co-PI), R.D. Overath (PI), R. Vega (Co-PI) - \$96,945.
- 2007-2009 Is Padre Island National Seashore essential shark habitat?: Estimation of demographics feeding habitats, and nurseries for an important park fishery. **United States Department of the Interior/USGS.** G. Stunz (PI), Wildhaber (Co-PI) - \$34,066.
- 2007-2008 Are oyster reefs “essential” essential fish habitat for fishery species in Copano Bay, Texas? **National Oceanic and Atmospheric Association/Texas General Land Office/Coastal Management Program.** G. Stunz (PI), J Simons (Co-PI) - \$32,213.
- 2007-2009 Closure of the Port Mansfield Channel: impacts to recreational fisheries in the Laguna Madre, Texas. **Coastal Conservation Association.** G. Stunz (PI), D. Overath (Co-PI) - \$32,000.
- 2007-2008 Effects of hypoxia on estuarine fishes in their nursery habitats. **Texas A&M University System Texas Research Development Fund.** G. Stunz (PI) - \$35,196.
- 2007-2008 Silting and closure of Port Mansfield Channel: Impacts to a \$1.3 Billion fishing industry in Texas. **Texas A&M University System Texas Research Development Fund.** G. Stunz (PI) - \$11,000.
- 2006-2009 Effects of a tidal channel opening on nekton abundance. **Environmental Protections Agency - Coastal Bend Bays and Estuaries Program.** G. Stunz (PI), S. Holt (Co-PI) - \$90,000.
- 2006 - 2008 Recruitment, spatial distribution, and fine-scale movement patterns of red drum through major and shallow passes. **National Oceanic and Atmospheric Association - Sea Grant.** G. Stunz (PI), S. Holt (Co-PI) - \$245,164.
- 2006 - 2007 Origins of spotted seatrout stocks: assessing contribution of nursery grounds to adult stocks? **Texas A&M University System Texas Excellence Fund.** G. Stunz (PI) - \$33,173.
- 2006 - 2007 Are oyster reefs “essential” Essential Fish Habitat for fishery species in Lavaca Bay, Texas? **United States Fish and Wildlife Service.** G. Stunz (PI), J. Simons (Co-PI) - \$71,086.
- 2005 - 2007 Impact of new tidal inlet on estuarine fish growth. **Texas A&M University-Corpus Christi.** G. Stunz (PI) - \$3,076
- 2005 - 2007 Southern flounder decline in Texas. **Coastal Conservation Association.** G. Stunz (PI) - \$17,350.

- 2005 - 2006 Effects of a tidal channel opening on nekton abundance. **Environmental Protections Agency - Coastal Bend Bays and Estuaries Program.** G. Stunz (PI) - \$50,000.
- 2005-2006 Essential Nursery Habitat for red drum. **Texas A&M University-Corpus Christi.** G. Stunz (PI) - \$13,640.
- 2004 - 2006 The role of larval supply and post-settlement processes in recruitment variability of southern flounder populations. **National Oceanic and Atmospheric Association - Sea Grant.** S. Holt (PI), G. Stunz (Co-PI) J. Rooker (Co-PI) - \$230,124.
- 2005 Are estuaries critical “nurseries” for marine fishes? **Texas A&M University System Texas Excellence Fund.** G. Stunz (PI) - \$31,000.
- 2004 - 2005 Catch and release mortality of spotted seatrout. **Coastal Conservation Association.** G. Stunz (PI) - \$15,000.
- 2004 - 2005 Recruitment of fishes through tidal passes. **Texas A&M University-Corpus Christi.** G. Stunz (PI) - \$5,778.
- 2003 - 2004 Catch and release mortality of spotted seatrout. **Coastal Conservation Association.** G. Stunz (PI) - \$12,000.
- 2003-2004 The role of oyster reef and Essential Fish Habitat. **Texas A&M University-Corpus Christi.** G. Stunz (PI) - \$12,650.
- 2002 Characterization of tropical habitat types as essential fish habitat for Caribbean fishery species. **National Oceanic and Atmospheric Association - Coral Reef Initiative.** T. Minello (PI), G. Stunz (Co-PI) R. Hill (Co-PI), P. Sheridan (Co-PI) - \$125,000.
- 2002 Ecopath models for the Gulf of Mexico. **National Oceanic and Atmospheric Association - Marine Fisheries Initiative.** G. Stunz (Co-PI), T. Minello (Co-PI), J. Browder (Co-PI) - \$25,000.
- 2001 - 2003 Origins of red drum stocks: assessing the contribution of different nursery grounds using biogeochemical fingerprints. **National Oceanic and Atmospheric Association - Sea Grant.** J. Rooker (PI), G. Stunz (Co-PI), S. Holt (Co-PI) - \$293,052.
- 2001 Rescue and integration of the most comprehensive data set available on commercially important shrimp species in the Gulf of Mexico. **National Oceanic and Atmospheric Association - Environmental Services Data and Information Management.** G. Stunz (PI), T. Minello (Co-PI), J. Ditty (Co-PI) - \$110,000.
- 2001 Ecopath models for the Gulf of Mexico. **National Oceanic and Atmospheric Association - Marine Fisheries Initiative.** G. Stunz (Co-PI), T. Minello (Co-PI), R. Zimmerman (Co-PI), J. Browder (Co-PI) - \$124,974.
- 1997 - 1999 Recruitment and post-recruitment of red drum in Galveston bay: what nursery habitats are critical? **National Oceanic and Atmospheric Association - Sea Grant.** P. Levin (PI), G. Stunz (Co-PI) - \$84,753.
- 1997 Habitat related mortality and growth of juvenile red drum in Galveston bay. **Texas A&M University.** G. Stunz (PI), W. Evans (Co-PI) - \$7000.

**Publications:****Manuscripts in Preparation:**

† Denotes student publications under direct mentorship of Stunz

† Burfeind, D.D., G.W. **Stunz**, R. Fikes, K. Withers. 2010. The effects of boat propeller scarring intensity on benthic infauna abundance in subtropical seagrass meadows. **Wetlands**.

† Bushon, A.M., G.W. **Stunz**, M.M. Reese and S.A. Holt. 2010. Recruitment, spatial distribution, and fine-scale movement patterns of estuarine-dependent species through tidal inlets. **Fisheries Management and Ecology**.

**Stunz**, G.W. and T.J. Minello. 2010. Habitat-specific growth of white shrimp (*Litopenaeus setiferus*) and brown shrimp (*Farfantepenaeus aztecus*) in a Texas estuary. **Marine Biology**.

**Stunz**, G.W. and T.J. Minello. 2010. Factors controlling prey selection by southern flounder (*Paralichthys lethostigma*). **Marine Ecology Progress Series**.

**Manuscripts in Review/Revision:**

† Denotes student publications under direct mentorship of Stunz

† Froeschke, B., B. Sterba-Boatwright, G.W. **Stunz**. 2010. Assessing southern flounder (*Paralichthys lethostigma*) long-term population trends in the northern Gulf of Mexico using time series analysis. **Fisheries Research (In Review)**.

† Froeschke, J., G.W. **Stunz**, 2010. Hierarchical and interactive habitat selection in response to abiotic and biotic factors: The effect of hypoxia on habitat selection of juvenile estuarine fishes. **Environmental Biology of Fishes (In Review)**.

Powers, S.P., F. J. Fodrie, R. L. Shipp, and G.W. **Stunz**. Ecosystem elimination of large sharks documented by generations of fisherman. **PLoS ONE (In Review)**.

† Wrast, J.L., J. Simons, and G.W. **Stunz**. 2010. Spatial food web dynamics mediated by oyster reef and other estuarine habitat types in a subtropical estuary. **Marine Ecology Progress Series (In Review)**.

**Publications in National and International Journals:**

† Denotes student publications under direct mentorship of Stunz

† Froeschke, J., G.W. **Stunz**, B. Sterba-Boatwright, and M.L. Wildhaber. 2010. Testing the “shark nursery area concept” in Texas Bays using a long-term fisheries-independent dataset. **Aquatic Biology (In Press)**.

† Froeschke, J., G.W. **Stunz**, and M.L. Wildhaber. 2010. Environmental influences on the occurrence of coastal sharks in estuarine waters. **Marine Ecology Progress Series** 407:279-292.

Larkin, P.D., K.L. Heideman, D.D. Burfeind, and G.W. **Stunz**. 2010. The effect of boat propeller scarring intensity on genetic variation in a subtropical seagrass species. **Botanica Marina** 53:99-102.

† Neahr, T.A., G.W. **Stunz**, and T.J. Minello. 2010. Habitat use patterns of newly-settled spotted seatrout in estuaries of the northwestern Gulf of Mexico **Fisheries Management and Ecology** 17:404-413.

- Reese Robillard, M.M., G.W. **Stunz**, and J. Simons. 2010. Relative value of deep subtidal oyster reefs to other estuarine habitat types using a novel sampling method **Journal of Shellfish Research** 29:291-302.
- Rooker, J.R., G.W. **Stunz**, S.A. Holt, T.J. Minello. 2010. Population connectivity of red drum in the northern Gulf of Mexico. **Marine Ecology Progress Series** 407:187-196.
- Stunz**, G.W., T.J. Minello, L. Rozas. 2010. Relative value of oyster reef as habitat for estuarine nekton in Galveston Bay, Texas. **Marine Ecology Progress Series** 406:147-159.
- † Nañez-James, S. E., G.W. **Stunz**, and S.A. Holt. 2009. Habitat Use Patterns of Newly Settled Southern Flounder, *Paralichthys lethostigma*, in Aransas-Copano Bay, Texas. **Estuaries and Coasts** 32:350-359.
- † Reese, M.M., G.W. **Stunz**, and A.M. Bushon. 2008. Recruitment of estuarine-dependent nekton through a new tidal inlet: the opening of Packery Channel in Corpus Christi, Texas. **Estuaries and Coasts** 31:1143-1157.
- † Burfeind, D.D. and G.W. **Stunz**. 2007. The effects of boat propeller scarring on nekton growth and size distribution in subtropical seagrass meadows. **Transactions of American Fisheries Society** 136:1546-1551.
- † James, J.T., G.W. **Stunz**, D.A. McKee, and R.R. Vega. 2007. Catch-and-release of spotted seatrout in Texas: the effect of tournaments, seasonality, and anatomical hooking location on mortality. **North American Journal of Fisheries Management** 27:900-907.
- † Bushon, A.M., G.W. **Stunz**, and M.M. Reese. 2007. Evaluation of visible implant elastomer for marking juvenile red drum in experimental studies. **North American Journal of Fisheries Management**. 27:460-464.
- Stunz**, G.W. and D.A. McKee. 2006. Catch-and-release mortality of spotted seatrout (*Cynoscion nebulosus*) **North American Journal of Fisheries Management** 26:843-848.
- † Burfeind, D.D. and G.W. **Stunz**. 2006. The effects of boat propeller scarring intensity on nekton abundance in subtropical seagrass meadows. **Marine Biology** 148:953-962.
- Levin, P.S. and G. W. **Stunz**. 2005. Habitat triage for exploited fishes: Can we identify essential fish habitat? **Estuarine, Coastal and Shelf Science** 64:70-78.
- Stunz**, G.W., T.J. Minello, and P.S. Levin. 2002. Growth of newly settled red drum (*Sciaenops ocellatus*) in different estuarine habitat types. **Marine Ecology Progress Series** 238:227-236.
- Stunz**, G.W., T.J. Minello, and P.S. Levin. 2002. A comparison of early juvenile red drum densities among various habitat types in Galveston Bay, Texas. **Estuaries** 25:76-85.
- Stunz**, G.W. and T.J. Minello. 2001. Habitat related predation on juvenile wild-caught and hatchery-reared red drum *Sciaenops ocellatus* (Linnaeus). **Journal of Experimental Marine Biology and Ecology** 260: 13-25.
- Stunz**, G.W., P.S. Levin and T.J. Minello. 2001. Selection of estuarine nursery habitats by wild-caught and hatchery-reared red drum in laboratory mesocosms. **Environmental Biology of Fishes** 61:305-313.

- Stunz, G.W., T.L. Linton, and R. L. Colura.** 2000. Age and growth of southern flounder in Texas waters, with emphasis on Matagorda Bay. **Transactions of the American Fisheries Society** 129:119-125.
- Petrik, R. L., P.S. Levin, G.W. **Stunz** and J. Malone. 1999. Recruitment of Atlantic croaker, *Micropogonias undulatus*: Do post settlement processes disrupt or reinforce initial patterns of settlement? **Fishery Bulletin** 97:954-961.
- Attanasio, R., G.W. **Stunz**, R.C. Kennedy. 1994. Folding pattern of immunoglobulin molecules identified by urea gradient electrophoresis. **Journal of Biological Chemistry** 269:1834-1838.
- Attanasio, R., P. Kanda, G.W. **Stunz**, D.W. Buck, R.C. Kennedy. 1993. Anti-Peptide reagents identifies a primary-structure-dependent, cross-reactive idiotype expressed on heavy and light chains from a murine monoclonal anti-CD4. **Molecular Immunology** 30:9-17.
- Warren, R.Q., H. Wolf, G.W. **Stunz**, R.C. Kennedy. 1993. Antibody reactivity to synthetic peptides representing the principal neutralizing determinant of HIV-1 in mouse strains following repeated immunization with recombinant gp160. **Experimental Clinical Immunogenetics** 10:168-175.
- Wolf, H., R.Q. Warren, G.W. **Stunz**, K. Shuler, P. Kanda, R.C. Kennedy. 1992. Fine specificity of the murine antibody response to HIV-1 gp160 determined by synthetic peptides which define selected epitopes. **Molecular Immunology** 29:989-998.
- Attanasio, R., R.E. Lanford, D. Dilley, G.W. **Stunz**, L. Notvall, A. B. Henderson, R.C. Kennedy. 1991. Immunogenicity of hepatitis B surface antigen derived from the baculovirus expression vector system: A mouse potency study. **Biologicals** 19:347-353.

#### **Abstracts, Proceedings, and Conference Publications/Presentations:**

\* Best Paper Presentation; † National; <sup>Δ</sup> Regional

- Bivins, L., G. **Stunz**, R. Vega, M. Johnson, and M. Reese Robillard. 2010. Evaluation of surgery procedures for implanting telemetry transmitters into the body cavity of spotted seatrout (*Cynoscion nebulosus*). Texas Chapter of the American Fisheries Society. Athens, TX.<sup>Δ</sup>
- Curtis, JM., G.W. **Stunz**, R.D. Overath, and R. R. Vega. 2010. Detection of wild versus hatchery-reared spotted seatrout using otolith chemistry. American Society of Ichthyologists and Herpetologists Annual Meeting. Providence, RI.<sup>†</sup>
- Froeschke, B., G. **Stunz**, M. Reese Robillard, and J. Williams. 2010. Using a modeling approach to determine essential fish habitat within the Mission-Aransas National Estuarine Research Reserve. American Society of Ichthyologists and Herpetologists Annual Meeting. Providence, RI.<sup>†</sup>
- Froeschke, J., G. **Stunz**, B. Sterba-Boatwright, and M. Wildhaber. 2010. Testing the “shark nursery area concept” in Texas Bays using a long-term fisheries-independent dataset. American Society of Ichthyologists and Herpetologists Annual Meeting. Providence, RI.<sup>†</sup>
- Lee, C.T., C. Morales, G. **Stunz**, R. Vega, and R.D. Overath. 2010. Microsatellites reveal stock structure in spotted seatrout, *Cynoscion nebulosus*, in the western Gulf of Mexico. Society for the Study of Evolution. Portland, OR.<sup>†</sup>

- Lee, C.T., R.D. Overath, J. Froeschke, C. Morales G. **Stunz**, and R. Vega. 2010. Stock structure of the demersal fish *Cynoscion nebulosus* determined by multiple techniques. Ecological Society of America. Pittsburgh, PA.<sup>†</sup>
- Overath, R.D., J. Froeschke, C. Morales, K. Rainer, G. **Stunz**, and R. Vega. 2010. Using a combination genetic markers and otolith chemistry to examine connectivity issues and management implications for spotted seatrout. American Fisheries Society Annual Meeting. Pittsburgh, PA.<sup>†</sup>
- Shi, L., G.W. Stunz, K.V. Gordon, G.W. Buck, and J.B. Mott. 2010. *Vibrio vulnificus* strains associated with fish and their potential virulence compared with Texas clinical strains. *Vibrio in the Environment*. Biloxi, MS.<sup>†</sup>
- Slocum, J., J. Simons, G. **Stunz**, and D. McKee. 2010. Macrofaunal food web structure associated with subtidal, intertidal, and restored oyster reefs in the Mission-Aransas estuarine system. Texas Bays and Estuaries Meeting. Port Aransas, TX.<sup>Δ</sup>
- Bost, C., G. **Stunz**, B. Hale, and E. Billiot. 2009. Bioaccumulation of mercury in spotted seatrout, red drum, black drum, and southern flounder. Texas Academy of Science. Junction, TX.<sup>Δ</sup>
- Brewton, R., G. **Stunz**, I. Dominguez, and M. Reese. 2009. The role of intertidal oyster reefs as habitat in estuarine ecosystems. Coastal and Estuarine Research Federation. Portland, OR.<sup>†</sup>
- \*Brewton, R., G. **Stunz**, M. Reese, and I. Dominguez. 2008. The role of intertidal oyster reefs as habitat in estuarine ecosystems. Ninth Annual Sigma Xi Undergraduate Research Symposium, Texas A&M-Corpus Christi, TX.<sup>Δ</sup>
- \*Brewton, R., G. **Stunz**, I. Dominguez, D.L. Smee, and M. Reese. 2009. The role of intertidal oyster reefs as habitat in estuarine ecosystems. Ecological Society of America. Albuquerque, NM.<sup>†</sup>
- Brewton, R., G. **Stunz**, I. Dominguez, and M. Reese. 2009. The role of intertidal oyster reefs as habitat in estuarine ecosystems. Society for the Advancement of Chicanos and Native Americans in Science National Conference. Dallas, TX.<sup>†</sup>
- \*Carrillo, M., G. **Stunz**, M. Reese, and J. Froeschke. 2009. The closing of Port Mansfield Channel and its impact on recreational fisheries in the Laguna Madre, TX. 2009 Annual TAMUS Louis Stokes Alliances for Minority Participation (LSAMP) Symposium. Corpus Christi, TX.<sup>Δ</sup>
- Curtis, JM., G.W. **Stunz**, R.D. Overath, and R. R. Vega. 2009. Identification of wild versus hatchery-reared spotted seatrout using otolith chemistry. American Elasmobranch Society. Portland, Oregon.<sup>†</sup>
- Dominguez, I., and G. **Stunz**. 2009. Oysters as nekton habitat in estuarine ecosystems. American Association of Hispanics in Higher Education (AAHHE), Inc. San Antonio, TX.<sup>Δ</sup>
- Dominguez, I., and G. **Stunz**. 2009. Oyster habitat in estuarine ecosystems: Synergy among habitat types and the role of structural complexity in nekton habitat selection. Texas Bays and Estuaries Meeting. Corpus Christi, TX.<sup>Δ</sup>
- Froeschke, J. and G. **Stunz**. 2009. Habitat selection patterns of coastal sharks in northwestern Gulf of Mexico. American Fisheries Society 2009, Nashville, TN.<sup>†</sup>
- Froeschke, J. and G. **Stunz**. 2009. Habitat selection patterns of coastal sharks in northwestern Gulf of Mexico. American Elasmobranch Society 2009, Portland, OR.<sup>†</sup>

- Froeschke, J. and G. **Stunz**. 2009. Habitat selection patterns of coastal sharks in northwestern Gulf of Mexico. Benthic Ecology Meeting. Corpus Christi, TX.†
- Froeschke, J. and G. **Stunz**. 2009. Habitat selection patterns of coastal sharks in northwestern Gulf of Mexico. Texas Bays and Estuaries Meeting. Corpus Christi, TX.△
- Gonzales, A., M. Johnson, G. **Stunz**. 2009. An assessment of suture material for implanting acoustic transmitters in red snapper (*Lutjanus campechanus*). Society for the Advancement of Chicanos and Native Americans in Science National Conference. Dallas, TX.†
- Gonzales, A., M. Johnson, G. **Stunz**. 2009. An assessment of suture material for implanting acoustic transmitters in red snapper (*Lutjanus campechanus*). Summer Undergraduate Research Symposium. Corpus Christi, TX.△
- Lee, C., C. Morales, G. **Stunz**, R. Vega, and R.D. Overath. 2009. Microsatellites reveal weak stock structure in spotted seatrout, *Cynoscion nebulosus*, in the western Gulf of Mexico. Coastal and Estuary Research Federation. Portland, OR.†
- \*Lee, C., C. Morales, G. **Stunz**, R. Vega, and R.D. Overath. 2009. Microsatellites reveal weak stock structure in spotted seatrout, *Cynoscion nebulosus*, in the western Gulf of Mexico. Ninth Annual Sigma Xi Undergraduate Research Symposium, Texas A&M-Corpus Christi, TX.△
- Lee, C., C. Morales, G. **Stunz**, R. Vega, and R.D. Overath. 2009. Genetic stock structure of spotted seatrout, *Cynoscion nebulosus*, populations in the western Gulf of Mexico. Ecological Society of America. Albuquerque, NM.†
- Lee, C., C. Morales, G. **Stunz**, and R.D. Overath. 2009. Genetic stock structure of spotted seatrout, *Cynoscion nebulosus*, populations in the western Gulf of Mexico. Society for the Advancement of Chicanos and Native Americans in Science National Conference. Dallas, TX.†
- Martinez, N. and G. **Stunz**. 2009. The effect of density dependence on the growth rate of red drum via RNA:DNA ratio analysis. 18<sup>th</sup> Annual National McNair Research Conference and Graduate Fair. Milwaukee, WI.†
- Martinez, N. and G. **Stunz**. 2009. The effect of density dependence on the growth rate of red drum via RNA:DNA ratio analysis. South Texas Regional McNair Scholars Research Conference. San Antonio, TX.△
- \*Melendez, P., J. Froeschke, G. Jeffress, and G. **Stunz**. 2009. Using GIS to characterize shark distribution patterns along the Texas coast. Annual TAMUS Louis Stokes Alliances for Minority Participation (LSAMP) Symposium. Corpus Christi, TX.△
- Reese, M., G. **Stunz**, and M. Lopez. 2009. Density-dependent growth of red drum (*Sciaenops ocellatus*) in subtropical Texas estuaries. Benthic Ecology Meeting. Corpus Christi, TX.†
- Simons, J., J. Wrast, and G. **Stunz**. 2009. Evidence of compartmentalized food web structure in Lavaca Bay using gut contents and stable isotopes. Texas Bays and Estuaries Meeting. Corpus Christi, TX.△
- Stunz**, G., M. Reese Robillard, J. Simons, and J. Slocum. 2009. A new gear for sampling nekton over deep oyster reef: A comparison of nekton abundance in intertidal vs. sub-tidal oyster reefs. Coastal and Estuarine Research Federation. Portland, OR.†

- Stunz**, G. and J. Rooker. 2009. Estuarine-coastal connectivity of red drum populations in the Gulf of Mexico. ICES. Berlin, Germany.<sup>†</sup>
- Stunz**, G., S. Powers, and J. Fodrie. 2009. Basin-wide decrease in large sharks documented by a unique eight-decade data set from the Gulf of Mexico. Benthic Ecology Meeting. Corpus Christi, TX.<sup>†</sup>
- Brewton, R., G. Stunz, M. Reese, and I. Dominguez. 2008. The role of intertidal and subtidal oyster reefs as habitat in estuarine ecosystems. Society for the Advancement of Chicanos and Native Americans in Science National Conference. Salt Lake City, UT.<sup>†</sup>
- Carrillo, M., G. **Stunz**, M. Reese, J. Froeschke. 2008. The closing of Port Mansfield Channel and its impact on recreational fisheries in the Laguna Madre, TX. 2008 Annual TAMUS LSAMP Symposium. Houston, TX.<sup>Δ</sup>
- Carrillo, M., G. Stunz, M. Reese, and J. Froeschke. 2008. The closing of Port Mansfield Channel and its impact on recreational fisheries in the Laguna Madre, TX. Society for the Advancement of Chicanos and Native Americans in Science National Conference. Salt Lake City, UT.<sup>†</sup>
- \*Froeschke, J. and G. Stunz. 2008. The effect of hypoxia on habitat selection of juvenile estuarine fishes. Gulf Estuarine Research Society. New Orleans, LA.<sup>Δ</sup>
- \* Froeschke, J. and G. **Stunz**. 2008. The effect of hypoxia on habitat selection of juvenile estuarine fishes. Texas Bays and Estuaries Meeting. Port Aransas, TX.<sup>Δ</sup>
- Froeschke, J. and G. **Stunz**. 2008. The effect of hypoxia on habitat selection of juvenile estuarine fishes. American Society of Ichthyologists and Herpetologists. Montreal, Canada.<sup>†</sup>
- Lee, C., G. Stunz, J. Froeschke, and M. Reese. 2008. Historical population trends of fisheries in the western Gulf of Mexico from 1940-2007. Society for the Advancement of Chicanos and Native Americans in Science National Conference. Salt Lake City, UT.<sup>†</sup>
- Lopez, M., M. Reese, and G. Stunz. 2008. Density-dependent growth of red drum (*Sciaenops ocellatus*) in subtropical Texas estuaries. Society for the Advancement of Chicanos and Native Americans in Science National Conference. Salt Lake City, UT.<sup>†</sup>
- Melendez, P., J. Froeschke, G. Jeffress, and G. Stunz. 2008. Using GIS to characterize shark distribution patterns along the Texas coast. Society for the Advancement of Chicanos and Native Americans in Science National Conference. Salt Lake City, UT.<sup>†</sup>
- Reese, M, G. **Stunz**, and J. Simons. 2008. Subtidal oyster reef as nekton habitat in Matagorda Bay, Texas. Texas Bays and Estuaries Meeting. Port Aransas, TX.<sup>Δ</sup>
- Wrast, J, J. Simons, and G. **Stunz**. 2008. Spatiotemporal and habitat mediated food web dynamics in Lavaca Bay, Texas. Texas Academy of Science, Corpus Christi, TX.<sup>Δ</sup>
- Reese, M., G. **Stunz**, and A. Bushon. 2007. Impacts of a new tidal inlet on estuarine nekton: the opening of Packery Channel in Corpus Christi, Texas. Estuarine Research Federation, Providence, RI.<sup>†</sup>
- Stanford, B., G. **Stunz**, and R. Thomas. 2007. Physiological responses of spotted seatrout: effect of recreational and tournament angling. American Society of Ichthyologists and Herpetologists, St. Louis, MO.<sup>†</sup>

- Stunz, G., T. Minello, and L. Rozas. 2007. Oyster reef as essential habitat for finfishes and invertebrates. Estuarine Research Federation, Providence, RI.<sup>†</sup>
- Wrast, J., J. Simons, and G. **Stunz**. 2007. Spatial and temporal variability in oyster reef food web structure compared to other estuarine habitats. Estuarine Research Federation, Providence, RI.<sup>†</sup>
- Wrast, J., J. Simons, G. **Stunz**. 2007. Spatial and temporal food web analysis of potential, essential fish habitat types in Lavaca Bay, Texas. Texas Academy of Science, Waco, TX.<sup>Δ</sup>
- Ybanez, C., R. Thomas, and G. **Stunz**. 2007. Survival Advantage of Living in the Intertidal Zone: *Perkinsus marinus* (Dermo) and Heat Shock Survival in Eastern Oysters (*Crassostrea virginica*). Estuarine Research Federation, Providence, RI.<sup>†</sup>
- \* Bayer, S., G. **Stunz**, M. Reese, A. Bushon. 2006. Impacts of a New Tidal Inlet on Estuarine Nekton: The opening of Packery Channel in Corpus Christi, Texas. Ocean Science Meeting (ASLO, AGU, TOS), Honolulu, HI.<sup>†</sup>
- \* Bayer, S., G. **Stunz**, M. Reese, A. Bushon. 2006. Impacts of a New Tidal Inlet on Estuarine Nekton: The opening of Packery Channel in Corpus Christi, Texas. Society for the Advancement of Chicanos and Native Americans in Science. Tampa, FL.<sup>†</sup>
- Bushon, A., G. **Stunz**, and M. Reese. 2006. Recruitment, spatial distribution, and fine-scale movement patterns of red drum (*Sciaenops ocellatus*) through major and shallow passes in Texas. Dauphin Island Sea Lab Graduate Student Symposium, Dauphin Island, AL.<sup>Δ</sup>
- Bushon, A., G. **Stunz**, and M. Reese. 2006. Recruitment, spatial distribution, and fine-scale movement patterns of red drum (*Sciaenops ocellatus*) through major and shallow passes in Texas. Southern Division American Fisheries Society. San Antonio, TX.<sup>Δ</sup>
- Cardona, A., G. **Stunz**, A. Bushon, M. Reese. 2006. Recruitment of an estuarine dependent fish from varying distances from a tidal inlet. Ocean Science Meeting (ASLO, AGU, TOS), Honolulu, HI.<sup>†</sup>
- \* Calderón, R., G. **Stunz**. 2006. A new method for sampling nekton on oyster reef habitat. Society for the Advancement of Chicanos and Native Americans in Science. Tampa, FL.<sup>†</sup>
- Calderón, R., G. **Stunz**. 2006 A new method for sampling nekton on oyster reef habitat. Sixth Annual Undergraduate Research Symposium, Texas A&M-Corpus Christi, TX.<sup>Δ</sup>
- Reese, M., G. **Stunz**, A. Bushon. 2006. Impacts of a New Tidal Inlet on Estuarine Nekton: The Opening of Packery Channel in Corpus Christi, Texas. Southern Division American Fisheries Society. San Antonio, TX.<sup>Δ</sup>
- Reese, M., G. **Stunz**, A. Bushon. 2006. Impacts of a New Tidal Inlet on Estuarine Nekton: The Opening of Packery Channel in Corpus Christi, Texas. Dauphin Island Sea Lab Graduate Student Symposium, Dauphin Island, AL.<sup>Δ</sup>
- Lowe, B., G.W. **Stunz**, M. Kirilin, and T. Neahr. 2006. Habitat use patterns of juvenile spotted seatrout. Benthic Ecology Meeting, Quebec City, Canada.<sup>†</sup>
- \* Stanford, B., R. Thomas, G. **Stunz**. 2006. Physiological stress of spotted seatrout (*Cynoscion nebulosus*) following hook and line capture. Gulf Estuarine Research Society, Corpus Christi, TX.<sup>Δ</sup>

- \***Stunz**, G. T. Minello, L. Rozas. 2006. Oyster reef as essential fish habitat. Southern Division American Fisheries Society. San Antonio, TX. <sup>Δ</sup>
- \* Ybanez, C., R. Thomas, G. **Stunz**, S. Ray. 2006. *Perkinsus marinus* (dermo) infection varies in intertidal vs. subtidal eastern oysters. Gulf Estuarine Research Society, Corpus Christi, TX. <sup>Δ</sup>
- Stunz**, G.W., J. Rooker, J. Holt, and S. Holt. 2005. Origins of red drum stocks: Assessing the contribution of different nursery grounds using chemical signatures. Gulf Estuarine Research Society, Pensacola, FL. <sup>Δ</sup>
- Stunz**, G. W. 2005. The status of southern flounder and future needs. Texas Aquaculture Association, Scientific Panelist. Corpus Christi, TX. <sup>Δ</sup>
- \*Cardona, A., G.W. **Stunz**, and A. Bushon. 2005. Recruitment of an estuarine dependent fish from varying distances from a tidal inlet. American Society of Limnology and Oceanography, Salt Lake City, UT. <sup>†</sup>
- \*James, J., and G.W. **Stunz**. 2005. Catch and release mortality of spotted seatrout (*Cynoscion nebulosus*). Texas Bays and Estuaries Meeting, Port Aransas, TX. <sup>Δ</sup>
- James, J., and G.W. **Stunz**. 2005. Catch and release mortality of spotted seatrout (*Cynoscion nebulosus*). American Fisheries Society, Grapevine, TX. <sup>Δ</sup>
- Nanez-James, S., S. Holt, J. Rooker, and G.W. **Stunz**. 2005. Identification of nursery habitat for juvenile southern flounder in Aransas Bay, Texas. American Fisheries Society, Grapevine, TX. <sup>Δ</sup>
- Nanez-James, S., and G.W. **Stunz**. 2005. Identification of nursery habitat for juvenile southern flounder in Aransas Bay, Texas. American Society for Limnology and Oceanography, Salt Lake City, UT. <sup>†</sup>
- \*Nañez-James, S., G.W. **Stunz**, S. Holt, and J.R. Rooker. 2005. Identification of nursery habitat for juvenile southern flounder in Aransas Bay, Texas. Texas Bays and Estuaries, Port Aransas, Texas. <sup>Δ</sup>
- \*Nañez-James, S., G.W. **Stunz**, S. Holt, and J.R. Rooker. 2005. Identification of nursery habitat for juvenile southern flounder in Aransas Bay, Texas. Gulf Estuarine Research Society, Pensacola, Florida. <sup>Δ</sup>
- \***Stunz**, G.W., J. Rooker, J. Holt, and S. Holt. 2005. Origins of red drum stocks: assessing the contribution of different nursery grounds using chemical signatures. American Fisheries Society, Grapevine, TX. <sup>Δ</sup>
- Burfeind, D.D., and G.W. **Stunz**. 2004. Effects of propeller scarring on seagrass associated fauna. Benthic Ecology Meeting, Mobile, AL. <sup>†</sup>
- Burfeind, D.D., and G.W. **Stunz**. 2004. Effects of propeller scarring on seagrass associated fauna. American Society of Limnology and Oceanography, Savannah GA. <sup>†</sup>
- Burfeind, D.D., and G.W. **Stunz**. 2004. Effects of propeller scarring on seagrass associated fauna. Texas Chapter of the American Fisheries Society, College Station, TX. <sup>Δ</sup>
- Burfeind, D.D., and G.W. **Stunz**. 2004. Effects of propeller scarring on seagrass associated fauna. Pathways in Research Symposium, Corpus Christi, TX.
- Cardona, A., G.W. **Stunz**, N.T. Booker, and E.G. Lewis. 2004. Examinations of pond water quality at Orangeburg, South Carolina. Texas A&M University-Corpus Christi Undergraduate Symposium, Corpus Christi, TX. <sup>Δ</sup>

- James, J.T., G.W. **Stunz**, and D.A. McKee. 2004. Catch and release mortality of spotted seatrout (*Cynoscion nebulosus*). 2<sup>nd</sup> Annual TAMUS Pathways Research, Corpus Christi, TX. <sup>Δ</sup>
- Melody, K., G.W. **Stunz**, and D.D. Burfeind. 2004. Effects of propeller scarring on gastropod densities in Redfish Bay, Texas. NIH SURFER Program, Corpus Christi, TX. <sup>Δ</sup>
- Nanez-James, S., G.W. **Stunz**, J. Rooker, and S. Holt. 2004. Identification and characterization of nursery habitat for juvenile southern flounder in Aransas Bay, Texas. American Society for Limnology and Oceanography, Savannah, GA. <sup>†</sup>
- Nanez-James, S., G.W. **Stunz**, J. Rooker, and S. Holt. 2004. Identification and characterization of nursery habitat for juvenile southern flounder in Aransas, Bay, Texas. Texas A&M University-Corpus Christi Pathways Symposium, Corpus Christi, TX. <sup>Δ</sup>
- Stunz**, G.W., and D.A. McKee. 2004. Catch and release mortality of spotted seatrout. American Fisheries Society, College Station, TX. <sup>Δ</sup>
- Stunz**, G.W., J. Rooker, J. Holt, and S. Holt. 2004. Origins of red drum stocks: assessing the contribution of different nursery grounds using chemical signatures. Sea Grant Researcher Conference, Port Aransas, TX. <sup>Δ</sup>
- Treece, E., G.W. **Stunz**, and J.T. James. 2004. Catch and release mortality of spotted seatrout (*Cynoscion nebulosus*). SURF Program, Corpus Christi, TX. <sup>Δ</sup>
- Young, K., G.W. **Stunz**, and S. Nanez-James. 2004. Identification of nursery habitat for juvenile bay whiffs (*Citharichthys spilopterus*) in Aransas Bays, Texas. NIH SURFER Program, Corpus Christi, TX. <sup>Δ</sup>
- Burfeind, D.D. and G.W. **Stunz**. 2003. Effects of propeller scarring on seagrass associated fauna. Pathways in Research Symposium, Galveston, TX. <sup>Δ</sup>
- Bushon, A., and G.W. **Stunz**. 2003. Catch and release mortality of spotted seatrout (*Cynoscion nebulosus*). SURF Program, Corpus Christi, TX. <sup>Δ</sup>
- Levin, P.S., R.W. Zabel, and G.W. **Stunz**. 2003. Habitat triage for transient estuarine fishes. Estuarine Research Federation, Seattle, WA. <sup>†</sup>
- Reese, M., G.W. **Stunz**, and D.D. Burfeind. 2003. The effects of varying levels of propeller scarring on seagrass associated fauna. SURFER Program, Corpus Christi, TX. <sup>Δ</sup>
- \* **Stunz**, G.W., T. Minello, P.S. Levin. 2003. Selection of estuarine nursery habitats by wild-caught and hatchery-reared juvenile red drum. American Fisheries Society, Galveston, TX. <sup>Δ</sup>
- Stunz**, G.W., T. Minello, and R. Zimmerman. 2001. Ecopath models for the Gulf of Mexico. Marine Fisheries Initiative (MARFIN) 13<sup>th</sup> Annual Conference, Tampa, FL. <sup>Δ</sup>
- \* **Stunz**, G.W., T. Minello, and P.S. Levin. 1999. Recruitment, growth, and predation of red drum, a seagrass dependent fish, in the absence of seagrass. American Fisheries Society, College Station, TX. <sup>Δ</sup>
- \* **Stunz**, G.W., T. Minello, and P.S. Levin. 1999. Recruitment, growth, and predation of red drum, a seagrass dependent fish, in the absence of seagrass. Gulf Estuarine Research Society/Benthic Ecology Meeting, Baton Rouge, LA. <sup>†</sup>
- Stunz**, G.W., T. Minello, and P.S. Levin. 1999. Nursery habitat for red drum in Galveston Bay. Estuarine Research Federation, New Orleans, LA. <sup>†</sup>
- Stunz**, G.W., and P.S. Levin. 1997. Critical nursery habitat for red drum in Galveston

- Bay. Texas Sea Grant Researcher Conference, College Station, TX.
- Stunz**, G.W., and P.S. Levin. 1997. Recruitment patterns and habitat preference of red drum in Galveston Bay. Benthic Ecology Annual Meeting, Portland, ME.<sup>†</sup>
- Stunz**, G.W., R. Colura, and T. Linton. 1996. Age, growth, and mortality of southern flounder in Texas Bays. Benthic Ecology Annual Meeting, Columbia, NC.<sup>†</sup>
- Stunz**, G.W., R. Colura, and T. Linton. 1996. Age and growth of southern flounder in Texas Bays. American Society of Ichthyologist and Herpetologist Annual Meeting, New Orleans, LA.<sup>†</sup>
- Stunz**, G.W., R. Colura, and T. Linton. 1995. Age and growth of southern flounder. American Fisheries Society, College Station, TX.<sup>Δ</sup>

### Technical Reports:

- Reese M.M., J.L. Wrast, **G.W. Stunz**, and J. Simons. 2009. Characterizing oyster reefs in Lavaca Bay. Final Report to State Wildlife Grants Program Texas. Submitted Feb. 9, 2009.
- Stunz G.W.** and M.M. Reese. 2008. Impacts of a new tidal inlet on estuarine nekton: Fisheries recruitment assessment of Packery Channel post-opening in Corpus Christi, Texas. Final Report to Coastal Bend Bays and Estuaries Program. Submitted Dec 18, 2008.
- Stunz G.W.**, M.M. Reese, A.M. Bushon. 2006. Impacts of a new tidal inlet on estuarine nekton: The opening of Packery Channel in Corpus Christi, Texas. Final Report to Coastal Bend Bays and Estuaries Program. Submitted Aug. 17, 2006.

### Theses Titles:

- 1995 - 1999 Ph.D. Dissertation: Causes and consequences of recruitment patterns in red drum (*Sciaenops ocellatus*): The significance of settlement and post-settlement loss.
- 1994 - 1995 Master's Thesis: Age and Growth of Southern Flounder (*Paralichthys lethostigma*) from Matagorda Bay, Texas.

### Editorships:

- 2006 - 2008 Associate Editor, American Midland Naturalist

### Review Panels:

- 2009 U.S. Dept. of Ed. - Grant Assistantships in Areas of National Need
- 2008 NOAA - Cooperative Research Program
- 2007 NOAA - North Carolina Sea Grant
- 2002 NOAA - Marine Fisheries Initiative

### Journal and Grant Reviewer:

- 2009 - present NOAA - Comparative Analysis of Marine Ecosystem Organization
- 2009 - present NOAA - National Estuarine Research Reserve
- 2008 - present ICES - Journal of Marine Science
- 2008 - present Maryland Sea Grant

2007 - present	North Carolina Sea Grant
2006 - present	Southwestern Naturalist
2006 - present	Southeastern Naturalist
2005 - present	Marine Ecology Progress Series
2005 - present	Marine and Freshwater Research
2005 - present	Gulf of Mexico Science
2005 - present	Gulf and Caribbean Research
2004 - present	National Science Foundation
2003 - present	Bulletin of Marine Science
2002 - present	Fishery Bulletin
2002 - present	Water Resources Research Institute
2002 - present	Wetlands
2001 - present	North American Journal of Fisheries Management
2001 - present	Copeia
2001 - present	Estuarine Coastal and Shelf Science
2001 - present	Canadian Foundation for Innovation
2001 - present	NOAA Coastal Ocean Program
1999 - present	Transactions of the American Fisheries Society
1999 - present	NOAA Sea Grant College Program
1999 - present	NOAA Marine Fisheries Initiative (MARFIN)
1998 - present	Journal of Fish Biology

**Teaching Experience (Evaluation Average 4.58/5.0; College Mean 4.27):**

\*Teaching portfolio available.

**Teaching Leadership:**

2007 - present	Chair and Program Coordinator for Marine Biology Doctor of Philosophy and Master of Science Interdisciplinary Degree Program
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**Degrees and Programs Developed (Chair and Program Coordinator):**

1. Master of Science - Marine Biology
2. Doctor of Philosophy - Marine Biology

**Individual Courses:**

**Graduate:**

Environmental Biology - Texas A&M University-Corpus Christi	- 2 Sections
Fisheries Ecology - Texas A&M University-Corpus Christi	- 3 Sections
Marine Biology Seminar - Texas A&M University-Corpus Christi	- 1 Section
Marine Ecology - Texas A&M University-Corpus Christi	- 5 Sections

**Undergraduate:**

Marine Fish Management - Texas A&M University at Galveston	- 3 Sections
Ichthyology - Texas A&M University at Galveston	- 1 Section
Introduction to Biology I - Texas A&M University (Corpus/Galveston)	- 5 Sections
Introduction to Biology II - Texas A&M University (Corpus/Galveston)	- 5 Sections

Field and Sampling Techniques - Texas A&M University-Corpus Christi - 1 Section  
 Fisheries - Texas A&M University-Corpus Christi - 2 Sections  
 Professional Skills - Texas A&M University-Corpus Chris - 1 Sections

**Research-Related Courses (Graduate and Undergraduate):**

Directed Independent Study (BIOL 4396/5396)  
 Thesis/Dissertation Proposal (CMSS/BIOL/ESCI/MARB 5392)  
 Thesis/Dissertation Research (CMSS/BIOL/ESCI 5393/6393)  
 Thesis/Dissertation Submission (BIOL/CMSS/ESCI 5394/6394)  
 Project Research (CMSS/BIOL/ESCI/MARB 5940)

**Doctor of Philosophy - Dissertation Advisor:**

2008 - present Judd Curtis  
 2010 - present Bridgette Froeschke  
 2006 - 2010 John Froeschke, Fishery Biologist, GOM Fishery Mgmt. Council

**Master of Science - Thesis Advisor (Name/Current Position):**

2010 - present Karen Butler (Co-chair)  
 2010 - present Peter Young (Co-chair)  
 2009 - present Kimberly Johnson  
 2008 - present Laura Bivins  
 2008 - present Jason Williams  
 2008 - 2010\* Jason Slocum - Technician, Texas Parks and Wildlife Department  
 2009 - 2010 Elani Morgan - Center for Coastal Studies  
 2008 - 2010 Isis Dominguez - Investigator, Texas General Land Office  
 2006 - 2008 Jenny Wrast - Research Assoc., Univ. of Houston Environ. Inst.  
 2004 - 2006 Amanda Bushon - Fishery Biologist, North Carolina Commission  
 2004 - 2006 Megan Reese - Research Associate, TAMU-CC  
 2004 - 2006 Todd Neahr - Biologist, Texas Parks and Wildlife Department  
 2003 - 2006 Suraida Nanez-James - Research Specialist, TAMU-CC  
 2003 - 2006 Jason James - Ph.D. Student, University of Louisiana Lafayette  
 2002 - 2004 Dana Burfeind - Post-Doc, University of Queensland  
 2002 - 2004 Michael Mahala - Research Associate, University of Kentucky

\* Will graduate Fall 2010

**Graduate Committees (40 total):**

Current: 8 Ph.D.; 8 M.S. Committees  
 Previous: 2 Ph.D.; 22 M.S. Committees

**Mentoring Programs:**

2009 - present McNair Scholars Program (2 student intern)  
 2007 - present National Science Foundation Building Undergraduate Research Opportunities (BUENO) (3 students)  
 2003 - present National Science Foundation Summer Undergraduate Research Focus (SURFers) (19 student interns)  
 2002 - present Alliance for Minority Participation in the Sciences (9 student interns)

2002 - present Faculty Mentors, Project Connection, TAMU-CC  
 2004 Undergraduate Mentoring in Environmental Biology, NSF (2 student interns)

**Undergraduate Research Project Mentor (Independent Studies):**

2010 Joseph Alfonso - Large-scale movement patterns of spotted seatrout  
 2010 Carissa Lannon - Mortality of red snapper due to barotrauma and depredation  
 2010 Maria Pillado - Bioaccumulation of toxins in fishes from south Texas bays  
 2009 Laura Fargas - Lozada - Evaluation of acoustic transmitter surgery methods in fish  
 2009 Alin Gonzalez - Assessment of suture materials transmitter implantation in fish  
 2009 Channelle Desamours - Effect of seagrass fragmentation on nekton abundance  
 2009 Rebecca Pizzano - Relative habitat importance of oyster reefs for nekton  
 2009 Ruben Palacios - Determination of movement patterns of spotted seatrout  
 2009 Norma Martinez - Density dependent growth of marine fishes  
 2009 Lew Lampton - Food web dynamics of oyster reef habitat  
 2008 Chris Bost - Bioaccumulation of total mercury in spotted seatrout  
 2008 Ben Hale - Evaluation of acoustic transmitter surgery methods in spotted seatrout  
 2008 Courtney Lee - Historical trends in fisheries based on 70 years of tournament data  
 2008 Rachel Brewton - Fish habitat use of oyster reef  
 2007 Michael Carrillo - The closure of a tidal inlet fisheries recruitment  
 2007 Miranda Lopez - Growth of fishes in a new tidal inlet  
 2006 Rafael Calderon - Oyster reef as essential fish habitat  
 2006 Sarah Bayer - Opening of Packery Channel  
 2006 Jason Hart - Overview of temporary threshold shift in bottlenose dolphins  
 2005 Lynne Shearer - Habitat selection pattern for spotted seatrout  
 2005 Ramiro Cervantes - Impacts of Packery Channel on nekton  
 2005 Mollie McIver - Survey of reef fishes in Florida Keys National Marine Sanctuary  
 2005 Ryan Fikes - Impact of propeller scars on benthic infauna  
 2004 Annette Cardona - Monitoring and assessment of water quality in fish hatchery  
 2004 Crystal Sanders - Techniques for otolith examination  
 2004 Paul Gonzales - Effect of propeller scars on invertebrates  
 2004 Ramiro Cervantes - Distribution and abundance of fishes in a lowland rainforest  
 2004 Paul Gonzales - Age and growth of tropical fishes of Corcovado, Costa Rica  
 2003 Edward Sardoni - Oyster reef as essential fish habitat  
 2003 Ramiro Cervantes - Characterization of decapod crustaceans on oyster reefs  
 2001 Adam Cohen - Systematic studies of *Fundulus singularatus*  
 2000 Michael Lowe - An examination of growth rate of white shrimp in Galveston Bay  
 1998 Klayre Simon - Growth of red drum in various estuarine habitat types  
 1998 Marissa Weber - Examining habitat preferences for juvenile Sciaenids  
 1997 Laura Bivins - Estuarine habitat preferences for red drum  
 1997 Cori Kretschmar - Selection of estuarine habitat by juvenile red drum  
 1997 Todd Barron - Critical habitat of red drum in Galveston Bay  
 1997 Christina Davis - Habitat preferences for Atlantic croaker and red drum

**Bench Tutorials – High School Advanced Placement Students:**

- 2002 Torey McBeth – Fish use of oyster reefs  
 2001 Kelly Finn – Collection of red drum otoliths for microchemistry studies  
 2001 Larry Perez - Growth of red drum under different salinities and temperatures

**Teaching Assistantships:**

- 1997 Marine Fish Management - Texas A&M University at Galveston  
 1997 Mariculture - Texas A&M University at Galveston  
 1996 Fish Population Dynamics - Texas A&M University at Galveston  
 1996 Marine Fish Management - Texas A&M University at Galveston (Spring)  
 1996 Marine Fish Management - Texas A&M University at Galveston (Fall)  
 1995 Animal Ecology - Texas A&M University  
 1995 Ecology for Teachers - Texas A&M University  
 1995 Microbiology Laboratory - Texas A&M University at Galveston  
 1995 Marine Fish Management - Texas A&M University at Galveston  
 1994 Microbiology Laboratory - Texas A&M University  
 1994 Ecology for Teachers - Texas A&M University  
 1994 Animal Ecology - Texas A&M University

**University Service:**

- 2010 Chair, Marine Biologist Search Committee - TAMU-CC  
 2009 Assistant Research Scientist - Fisheries and Mariculture Search Committee-TAMU-CC  
 2009 Oceanography Search Committee - TAMU-CC  
 2009 - present McNair Scholar Program Mentor  
 2009 - present Department of Life Sciences Executive Committee  
 2008 - present Chair and Program Coordinator for Marine Biology Doctor of Philosophy and Master of Science Interdisciplinary Degree Program  
 2008 - present Promotion and Tenure Committee – Department of Life Sciences  
 2008 - 2010 College of Science and Technology Field Trip Committee  
 2008 Department Chair Search - Texas A&M University at Galveston  
 2008 Curriculum Committee - Coastal and Marine System Science  
 2008 - present Department of Life Sciences - Graduate Program Committee  
 2008 Invited Speaker - TAMU-CC; Employee Development Day  
 2007 - 2009 Texas Science Technology Engineering, Math Initiative instructor  
 2007 - 2009 Science and Technology Distinguished Lecturer Series, Chair  
 2006 - 2008 Marine Biology MS/Ph.D. Degree Development Committee, Chair  
 2006 Department Chair Search Committee, Life Sciences  
 2005 Dean Search Committee  
 2005 - 2010 Chair, Institutional Animal Care and Use Committee  
 2005 Momentum 2015, Excellence and Engagement Committee  
 2005 Harte Research Institute, Strategic Planning Committee  
 2005 Coastal and Marine System Science PhD Handbook Committee  
 2005 - present Center for Coastal Studies, Scholarship Committee  
 2005 - present Harte Research Institute, Library Committee

2005	Faculty Search Committee, 3 positions
2004	Chair, Faculty Search Committee, Physiologist
2003 - present	Faculty Mentors Program, Texas A&M-Corpus Christi
2003 - 2005	Institutional Animal Care and Use Committee, Member
2002 - present	Faculty Advisor, Texas A&M-Corpus Christi
2000 - 2002	Academic Advisor - Texas A&M at Galveston
2000 - 2002	Texas A&M Aggie Mentor
2000 - 2001	Steering Committee for the Office of Academic Enhancement
1996 - 1998	President-Graduate Student Association-Texas A&M University
1996 - 1998	Academic Advisory Committee - Texas A&M at Galveston
1996 - 1998	Texas A&M University at Galveston-CEO/Vice President's Program Council
1996 - 2000	Graduate Student Coordinator- Graduate Student Association
1996	Selection Committee: Campus Dean/CEO and Vice President- Texas A&M University at Galveston

### **Awards:**

2009	Outstanding Islander - TAMU-CC
2008	Coastal Bend Bays Foundation, Conservation and Environmental Stewardship Award in Higher Education
2007 - 2008	Excellence in Scholarly/Creative Activity, TAMU-CC – nominee from the College of Science Technology
2006	Best Paper/Oral Presentation. American Fisheries Society - San Antonio, Texas
2005	Best Paper/Oral Presentation. American Fisheries Society - Grapevine, Texas
2003	Best Paper/Oral Presentation. American Fisheries Society - College Station, Texas
1999 - 2000	Texas Institute of Oceanography Fellow
1997	Best Paper/Oral Presentation. Gulf Estuarine Research Society/Benthic Ecology Meeting - Baton Rouge, Louisiana
1999	Best Paper/Oral Presentation. American Fisheries Society - College Station, Texas
1997	Academic Excellence Award, Ellison Miles, Texas A&M University, College Station, Texas
1996	Academic Excellence Award, George and Mary Lewis, Texas A&M University, College Station, Texas

### **Professional Organizations:**

2004 - present	Council on Undergraduate Research
1999 - present	Sigma Xi, The Scientific Research Society
1997 - present	Gulf Estuarine Research Society (Secretary/Treasurer 2004-2006)
1997 - present	Estuarine Research Federation
1995 - present	The Honor Society of Agriculture, Gamma Sigma Delta
1995 - present	American Society of Ichthyologist and Herpetologists

1994 - present American Fisheries Society  
 1990 - present Coastal Conservation Association

**Professional/Community Service:**

2010 - present Nueces and Baffin Bays Expert Science Team - Environmental Flows Program - Texas Commission on Environmental Quality  
 2009 - present Texas Parks and Wildlife Department - Coastal Resources Advisory Committee to the Texas Parks and Wildlife Commission  
 2009 Invited Speaker - Coastal Conservation Association (Austin, Brush Country, and Orange TX. Chapters)  
 2008 - present Coastal Bend Bays and Estuaries Program, Scientific Advisory Panel - Water Quality and Sediment Team  
 2008 Invited Speaker - Coastal Conservation Association (Brenham and LaGrange TX. Chapters)  
 2008 Invited Speaker - TAMU-CC; Employee Development Day  
 2007 Session Chair - Estuarine Research Federation, Providence RI  
 2007 Invited Speaker - Dauphin Island Sea Lab  
 2006 - 2008 Associate Editor, American Midland Naturalist  
 2006 Program Chair - Gulf Estuarine Research Society Meeting  
 2004 - present Coastal Bend Bays and Estuaries Program, Scientific Advisory Panel – Habitat and Living Resources Team  
 2004 - 2010 Lower Colorado River Authority/San Antonio Water System, Blue Ribbon Scientific Panel  
 2003 - 2007 Nueces County Dune/Beach Management Advisory Committee  
 2002 - present Coastal Conservation Association, Board Member, Corpus Christi Chapter  
 2002 - 2003 The Cabeza De Vaca Center, Inc., Board Member  
 2003 Corpus Christi Independent School District, science fair judge  
 2002 West Oso Elementary, Corpus Christi, Texas. Introduction to marine biology at Texas A&M at Corpus Christi  
 2001 Mentor- Ball High School, Galveston Texas. Mentor high school student in the sciences  
 2001 - 2002 Friends of Galveston Island State Park Texas, Board Member  
 2000 Seacamp, Career Seacamp, Texas A&M University at Galveston.  
 1999 - 2002 Delegate Trustee, Galveston Bay Foundation. Galveston, Texas  
 1996 - 2001 Science Fair Judge, Galveston Independent School District  
 1993 Assistant to the chairman of the San Antonio City Council  
 HIV/AIDS commission  
 1993 Advisory Committee of the Texas Branch of the American Cancer Society, San Antonio, Texas

**Media Coverage:****Television:**

- 2010 National Geographic Channel, "*Science of Survival*." A 60-minute HD science special documentary that unlocks the secrets to the world's most mysterious and dangerous shark – the Bull Shark. Produced by Markland Communications and Kip Spidell Factual. September 2010.
- 2010 Majestic Outdoors Adventure, "*Southwest Texas' Greatest Blessing, the Gulf of Mexico*." A 30-minute program on TAMU-CC red snapper research in the Gulf of Mexico. Produced by Majestic Outdoors Adventure, Inc., and the Ocean Conservancy. September 2010.
- 2010 The Nature of things with David Suzuki, "*One Ocean, Footprints in the Sand*." A 60-minute documentary concerning human impacts to and loss of marine habitats worldwide. Produced by Canadian Broadcasting Company. August 2009.
- 2008 National Geographic Wild, "*Guardians of Nature*." A documentary concerning how scientists carry out research that protects coastal habitats. Produced by Miriam Elhadad for National Geographic Channel - France. May 2008.

**Radio and Podcasts:**

- 2010 WBAP News/Talk 96.7 FM, Dallas-Ft. Worth TX, "*Deepwater Horizon impacts follow-up: observations in South Texas*." Interview with Brian Estridge. August 2010.
- 2010 KEDT, South Texas Public Radio, "*Deepwater Horizon Oil Spill*." Greg Stunz and Scientists with the Harte Research Institute for Gulf of Mexico Studies discuss the long-term impacts of the ongoing Deepwater Horizon oil spill. July 2010.
- 2010 WBAP News/Talk 96.7 FM, Dallas-Ft. Worth TX, "*Deepwater Horizon impacts: initial observations in South Texas*." Interview with Brian Estridge. June 2010
- 2010 SEA and the Baffin Bay Rodeo Podcast. "*Tales and Reports*." Alexander, Dave. Interview with Laura Bivins and Megan Robillard on the catch and release mortality of speckled seatrout. <http://justgofishin.net/2010/03/>. March 2010.
- 2006 WRKF News and Observer 107.1 FM, Newport, NC, "*Speckled Trout Catch and Release*." Richard Ehrenkauffer. January 2006.

**Print News:**

- 2010 Thorsen, Tyler. "Tyler's Surf Stuff." *Saltwater Angler*. September 3, 2010. <http://www.saltyangler.com/tyler.htm>.
- 2010 McBride, Mike. "Data We Can Believe In." *Texas Saltwater Fishing Magazine*. September 2010. p. 8-10.
- 2010 Thorsen, Tyler. "Tyler's Surf Stuff." *Saltwater Angler*. August 20, 2010.
- 2010 Bivins, Laura. "Tracking Spotted Seatrout." *The Cabin Connection*. Texas General Land Office. August 2010.
- 2010 Sikes, David. "Snook Foundation hopes to increase fish in Texas waters." *Corpus Christi Caller-Times*. March 20, 2010. <http://www.caller.com/news/2010/mar/20/snook-foundation-hopes-to-increase-fish-in-texas/>.
- 2010 Thorsen, Tyler. "Tyler's Surf Stuff." *Saltwater Angler*. February 19, 2010
- 2010 Sikes, David. "Annual gulf harvest for red snapper expects to increase in 2010." *Corpus Christi Caller- Times* February 10, 2010. <http://www.caller.com/news/2010/feb/10/annual-gulf-harvest-for-red-snapper-expects-to/>.
- 2010 Sikes, David. "Trout tournament helps research project: Fish tagged to track their movement." *Corpus Christi Caller-Times*. February 4, 2010.
- 2010 McBride, Mike. "Plugging for Science." *Texas Saltwater Fishing Magazine*. February 2010. p. 10-11.
- 2010 "Local Conservation Group Donates \$500 for HRI Fisheries Ecology Lab." *Coastlines Newsletter*. January 2010.
- 2009 "Do They Survive?" *Coastal Conservation Association Austin Newsletter*. November 2009.
- 2009 Shuler, Brandon. "The hunt for big red snapper." *Lone Star Outdoor News*. September 11, 2009. p. 8
- 2009 "Tagging study to begin for speckled trout." *Lone Star Outdoor News*. July 7, 2009. <http://www.lsonews.com/fishing-news/878-tagging-study-to-begin-for-speckled-trout>.
- 2009 "Stunz awarded grant to study red snapper." *The Islander*. p. 11.
- 2009 Stunz, Greg and McKinney, Larry. "In the Lab: Sportfish Research and Conservation." *Tide Magazine*. p.46-47.
- 2009 Thorsen, Tyler. "Tyler's Surf Stuff." *Saltwater Angler*. Vol. 16 (3). p. 19.
- 2009 Bandy, Scott. "Orange County." *Currents Newsletter*. p. 14.
- 2009 "Faculty Profile: Dr. Greg Stunz." *Texas A&M-Corpus Christi Foundation Annual Report*. p. 8-9.
- 2008 Huff, Lois. "Press Release." *Coastal Conservation Association*. August 20, 2008.
- 2008 "Brush Country." *Currents Magazine*. August 2008. p. 3.
- 2008 Aguilar, Elvia. "A&M-CC program's focus is on the sea." *Corpus Christi Caller- Times*. August 14, 2008. <http://www.caller.com/news/2008/aug/14/am-cc-programs-focus-is-on-the-sea/>
- 2008 "Awards, Honors and Grants." *Coastlines Newsletter*.06/2008. <http://kanga.tamucc.edu/PublicAffairs/Coastlins/index.html>

- 2008 Sikes, David. "Fishing is still as good as ever, but East Cut is in dire straits." May 29, 2008. *Corpus Christi Caller- Times*.  
<http://www.caller.com/news/2008/may/25/sikesoutdoors/>.
- 2008 Stunz, Greg and Reese, Megan. "Want to be a marine biologist?" The Rising Tide. *Coastal Conservation Association* Vol. 16 (56). p. 6-7.
- 2008 Reynold, Phil. "Researchers study tourneys to learn how fisheries change." *Port Aransas South Jetty*. March 27, 2008.
- 2008 Thorsen, Tyler. "Tyler's Surf Stuff." *Saltwater Angler*. Vol. 14 (2) p. 27
- 2008 Stunz, Greg. "CCA-Texas Funds TAMU-CC's Mansfield Channel Study." *Texas Saltwater Fishing Magazine*. January 2008.
- 2008 Childs, Jonette W. "Top newsmakers of 2007." *Saltwater Texas*. January 2008. p. 1.
- 2007 Giles, Luke. "CCA-Texas Funds Port Mansfield Channel Study." *Almanac/Texas Fish & Game*. October 2007. p. 69.
- 2007 "CCA-Texas Funds Port Mansfield Channel Study." *Currents Newsletter*. August/September 2007. p. 3.
- 2007 "CCA-Texas Funds Port Mansfield Channel Study." *Texas Saltwater Fishing Magazine*. August 2007. p. 50.
- 2007 Sikes, David. "Shallow water and deep trouble." *Corpus Christi Caller-Times*. July 15, 2007. p. 10C-11C.
- 2007 Brown, Hal. "Shark sighting pick up in the bay system." *Lonestar Outdoor News* Vol. 4 (2). September 14, 2007. p. 1, 22.
- 2006 McDonald, Mark. "Texas Flounder continue to Flounder." *Texas Sporting Journal*. October 2006. p. 80.
- 2006 "Opening of Packery Channel Gives Researchers Unique Opportunity to study Man's effect on Ecosystems." *University Currents*. May 23 2006.
- 2006 "Seatrout Survivor." *Saltwater Sportsman*. April 2006. p.28.
- 2006 Ehrenkaufner, Richard. "Speckled trout survive catch-and-release, study shows." *The News and Observer*. January 12, 2006.  
<http://www.newsobserver.com/802/story/387389.html>
- 2006 "Texas Research Development Fund: Jump-starting Research Projects." *President's Report Texas A&M Corpus Christi*. 2006. p. 12-13.
- 2005 Stunz, Greg. "Good news for trout anglers." *Currents Newsletter*. October/November 2005. p. 1-2.
- 2005 Duff, Jamie. "The effect of propeller scarring on seagrass meadows: Q&A with Greg Stunz." *CorpusBeat*. November 14, 2005.
- 2005 Venker, Ted. "Truth about Trout." *Tide*. September/October 2005. p. 9-16
- 2005 McMurray, Capt. John. "Staying Alive: Catch- and- Release Survival Rates of Spotted Seatrout." *Flyfishing in Saltwaters*. August 2005.
- 2005 "COSE undergraduates selected for competitive U.S. Department of Energy and National Science Foundation research appointments." *St. Cloud State University COSE Dimensions*. Vol 5 (1) May 2005. p. 2-4.
- 2004 Stunz, Greg. "Do Spotted Seatrout Survive?" *Gulf Coast Connections Texas Saltwater Fishing*. July 2004. p. 34, 37.
- 2003 Taylor, Robert. "Spotted Survivor: The reality study of catch and release." *Currents Newsletter*. October/November 2003. p. 1.

- 2003 Nix, Tom. "Biologists need big live trout over 24 in." *Tom Nix's Saltwater Angler*. August 29, 2003. p. 5.
- 2003 Sikes, David. "Trout study could help answer questions." *Corpus Christi Caller- Times*. August 14, 2003.
- 2003 Murray, Pat. "The CCA/STAR Scholarship Program." *Texas Fish and Game*. July 2003. p.16- 20.
- 2003 Durham, Bart. "Awards Presented at Galveston." *The Newsletter of the Texas Chapter of the American Fisheries Society*. March 2003. p. 3.