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EDUCATION

- 1996 University of Texas - School of Public Health (Houston, TX). Ph.D. Environmental Science Option. Dec. 1996.
- 1983 Texas A&M University (College Station, TX). M.S. Wildlife and Fisheries Sciences. Dec. 1983.
- 1979 Texas A&M University (Galveston, TX). B.S. Marine Biology. Dec. 1979.

EXPERIENCE

- 2004- Present University of Houston Clear Lake City. Houston, Texas. Executive Director of the Environmental Institute of Houston. Responsible for overall management of the Environmental Institute of Houston.
- 2017 – Present University of Houston Clear Lake City. Houston, Texas. Professor of Biology and Environmental Science. Teach courses in Marine Biology, Ichthyology, Limnology, Wetland Ecology and Population Dynamics, and Seminar.
- 2004 – 2017 University of Houston Clear Lake City. Houston, Texas. Associate Professor of Biology and Environmental Science. Teach courses in Marine Biology, Ichthyology, Limnology, Wetland Ecology and Population Dynamics.
- 2005- 2018 Texas A&M University. Galveston, Texas. Lecturer: Teach undergraduate fisheries population dynamics course and graduate marine biology courses. Appointed to the Graduate faculty 2015-present.
- 2000-2004 U.S. Department of Interior. Fish and Wildlife Service. Arcata, CA. Chief of the Fisheries and Contaminant Programs
- 1999-2000 U.S. Department of Interior. BOEM (previously Minerals Management Service), New Orleans, LA. Gulf of Mexico Office. Toxicology and Risk Assessment Unit Chief
- 1998-99 U.S. Department of Interior. BOEM (Previously Minerals Management Service), New Orleans, LA. Gulf of Mexico Office. Oceanographer
- 1997-98 Texas Natural Resource Conservation Commission. Water Program Manager
- 1993-97 Texas Natural Resource Conservation Commission Environmental Assessment Program Manager
- 1998 University of Houston - Main Campus. Houston, Texas. Adjunct Faculty: Taught upper level undergraduate courses in ecology (2 semesters).
- 1995-96 San Jacinto College - Houston, Texas. Adjunct Faculty: Taught undergraduate course in zoology.
- 1993-98 University of Houston Clear Lake. Houston, Texas. Adjunct Faculty: Upper level undergraduate courses in zoology, ecology, fisheries science, marine biology, environmental biology

1991-94 Texas A&M University. Galveston, Texas. Lecturer: Taught undergraduate fisheries management course.

1992-93 Texas Water Commission. District Manager.

1988-92 Texas Water Commission. Environmental Monitoring Program Manager.

1984-88 Texas Parks and Wildlife Department. Environmental Contaminants Biologist

1983-84 LGL Environmental Consultants. Laboratory Technician

1982-83 Texas A&M University/Biology Department. Laboratory Teaching Assistant

1980-82 Tereco Corporation Environmental Consultants. Environmental Assessment Technician

1981 Texas A&M University/Wildlife and Fisheries Sciences Department. Lab Technician

1980 Texas A&M University/ Dr. A.M. Landry. Field Team Leader

1979-80 Human Sciences Research. Creel Survey Interviewer

1979 Texas A&M at Galveston. Research Diver

RECENT FUNDED RESEARCH AND PROJECTS EXPERIENCE (PI or Co-PI, Source, Amount):

2023-24 National Rivers and Stream Assessment of Texas – Co-PI, \$509K

2022-2023 Utilizing eDNA and Plankton Sampling to Monitor American Eel Recruitment in Texas. Texas Parks and Wildlife Department. Co-PI \$153K

2022 National Lake Assessment of Texas, TCEQ/EPA – Co-PI, \$323K

2021-2023 Establishing a Network of Eel Ramps to Monitor Recruitment of Glass and Elver American Eel. Texas Parks and Wildlife Department. Co-PI, \$131K

2021-2023 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Program, Houston-Galveston Area Council. Co-PI \$131K

2021 National Wetland Condition Assessment of Texas TCEQ/EPA – Co-PI, \$300K

2019-2023 Distribution and Habitat Associations of the Western Chicken Turtle in Texas. Texas Comptroller of Public Accounts. Co-PI \$315K

2019-21 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Monitoring Program. Houston Galveston Area Council, Co-PI \$110K

2019-21 Development and Assessment of Floating Wetland Treatment Systems. PI, Harris County Flood Control District. PI \$130K

2020 National Coastal Condition Assessment of Louisiana– PI, Great Lakes Environmental Quality, Co-PI \$400K

2019-20 National Coastal Condition Assessment of Texas– PI, TCEQ/EPA, \$300K

2019-20 Texas Western Chicken Turtle Status Assessment – Co-PI, TXCPA, \$133K

2019-21 Texas Dwarf Seahorse Status Assessment – PI, TPWD, \$84K.

2018-20 Brazos River Freshwater Inflow Study. Phase 3. PI, TWDB, \$75K

2018 Coastal Texas Protection and Restoration Study, Environmental Impacts on Marine Mammal Populations. Texas General Land Office. \$138K

2018-20 National Rivers and Streams Assessment of Texas – PI, TCEQ/EPA, \$484K

2017-20 American Eel Population Status Assessment – PI, TPWD, \$109K

2017-20 Characterization of the Influence of Freshwater Inflow on the Trinity River Delta Salinity, *Rangia* and Submerged Aquatic Vegetation. Galveston Bay Estuary Program. \$64K.

2017-18 Characterization of microbial community structure and fecal contamination of floodwaters generated by Hurricane Harvey. NSF-Rapid Co-PI. PI Michael LaMontagne. \$9.3K

2017 National Lakes Assessment of Texas – PI, TCEQ/EPA, \$248K

2016-17 Brazos Rivers Instream Flow and Freshwater Inflow Study. Phase 2. Co-PI, TWDB, \$75K.

2016-18 Coast-wide Characterization of Saltmarsh Topminnow – *Fundulus jenkinsi* populations within the Texas coast. - PI, TPWD/USFWS. \$107K.

2016-17 Assessment of Salinity Regime at the Anahuac NWR and Trinity River Delta. – PI, NWF. \$64K.

2016 Distribution of *Rangia cuneata* in relation to salinity and freshwater inflow along the Trinity River delta, Galveston Texas. – PI, NWF. \$34K

2016-18 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Monitoring Program. PI, Houston Galveston Area Council, \$77.9K

2015- 17 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Monitoring Program. PI, Houston Galveston Area Council, \$89K

2015-16 National Wetlands Condition Assessment – PI, TCEQ/EPA, \$245K

2015-16 Mapping Shallow Oyster Reefs using Low-Cost Side Scanning Sonar and Drone Photography Systems. – Co-PI, Gulf Coast Prairie LCC Grant, Wildlife Management Institute, Inc. (WMI). \$48K

2014-15 National Coastal Condition Assessment – PI, TCEQ/EPA, \$290K

2014-15 Brazos Rivers Instream Flow and Freshwater Inflow Study. Co-PI, TWDB, \$88K

2014-15 Distribution, Abundance and Habitat Use by the Saltmarsh topminnow, *Fundulus jenkinsi*. PI, TPWD, \$48.7K

2014 Population Survey of the Texas Diamondback Terrapin, *Malaclemys terrapin littoralis* in San Antonio Bay, Matagorda Bay, and Sabine Lake. PI, TPWD, \$42.3K

2013-14 Statistical analysis of the National Lakes Assessment Data for the State of Texas. PI, TCEQ, \$50K

2013-14 Tracking the Incidence of the Fibropapilloma Virus in Texas' Green Sea Turtle Population. Co-PI with Dr. Tasha Metz. WCCR. Texas State Aquarium. - \$20K

2013-17 Instream Flow Study of Endangered Texas Wild Rice and Associated Biota on the San Marcos River. Co-PI with Dr. Thom Hardy. City of San Marcos, TX, \$1.2M/yr.

2012-14 Piping Plover Survey – Upper Texas Coast. Coastal Bend Bays and Estuaries Program and Co-PI with CBBEP, USFWS, \$71K.

2012-14 American Oystercatcher Stewardship in Texas. Gulf Coast Bird Observatory. Co-PI with Susan Heath, GCBO \$82K.

2013-14 National Rivers and Stream Assessment – PI, TCEQ/EPA, \$270K.

2011-13 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Monitoring Program. PI, Houston Galveston Area Council, \$300K

2011-13 Effects of the Texas Blue Crab Fishery on Diamondback Terrapin Populations. PI, Texas Parks and Wildlife Department State Wildlife Grant, \$60K

2011-12 Diamondback Terrapin Population Assessment. PI, Texas Sea Grant, \$70K

2011 National Wetland Condition Assessment – PI, TCEQ/EPA, \$170K

2011 Estimation of Blue Crab growth and movement in Galveston Bay tributaries – PI, TPWD, \$9K

2010-11 Evaluation of water quality in coastal basins – PI, Texas AgriLife, \$52K

2010-11 Sedimentation Study of Dickinson Bayou Tidal (Segment 1103) – PI, TCEQ, \$40K

2010-11 Development of Nutrient Criteria Support Document – Technical Support. PI, TCEQ, \$170K

2010-11 National Coastal Condition Assessment – PI, TCEQ/EPA, \$220K

2010-11 Evaluation of the influence of stream substrate of fish communities in Harris County. PI, Harris County Flood Control District. \$60K

2010-11 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Monitoring Program. PI, Houston Galveston Area Council, \$80K

2010-11 Evaluation of wetland hydrology and time of transport estimates in relation to indicator bacteria removal at the constructed Mason Park wetland. PI, Harris County Flood Control District, \$40K

2010-12 Characterization of turbidity in Harris County streams based on watershed characteristics and hydrology. PI, Harris County Flood Control District, \$70K

2009-13 Development of Wetland Treatment System for the Armand Bayou Watershed. PI, TCEQ – GBEP, \$500K

2009-10 Development of an Ecosystem Model for Galveston Bay. PI, TCEQ – GBEP, \$35K

2009-11 Recreational and Aquatic Life Use Attainability Analysis – South Texas Streams. PI, TCEQ, \$200K

2009-10 Evaluation of Diamondback Terrapin population dynamics in Brazoria San Bernard National Wildlife Refuge System Complex. PI, USFWS, \$20K

2009-11 Evaluation of Diamondback Terrapin population dynamics in West Bay. PI, USFWS. Ecological Services, \$32K

2009 Development of Ecological Overlay Information and Data for Support of Senate Bill 3 Environmental Flow Recommendations. PI, Trinity River Authority and Texas Water Development Board, \$70K

2008-10 Evaluation of Fish as sources of *E. coli* bacteria. PI, TWRI Harris County Public Infrastructure (HCPID), \$70K

2008-10 Evaluation of Bats as sources of *E. coli* bacteria. PI, TWRI Harris County Public Infrastructure (HCPID), \$60K

2008-09 Compilation and evaluation of existing environmental information on the Trinity River, Texas. Trinity River Authority, \$60K

2007-08 Evaluation of Diamondback Terrapin population dynamics in Galveston Bay. PI, Houston Zoo and Texas Parks and Wildlife Department, \$30K

2008-09 Population density, movement and habitat utilization of the Diamondback Terrapin. PI, Faculty Research and Support Fund Proposal, \$6K

2008-09 Phase II. A bacteriological survey of Lake Madeline, Texas. PI, City of Galveston. \$20K

2007-09 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Monitoring Program. PI, Houston Galveston Area Council. \$80K

2008-10 Armand Bayou TMDL and Recreational Use Attainability Analysis – Bacteria Above Tidal. PI, TCEQ. \$80K

2008 Use of Stable Isotopes to evaluate food webs in support of development of Mass Balanced ECOPATH Model for Galveston Bay (Modeling losses to blue crab populations from reduced fresh water inflow and overfishing using EwE software). Co-PI, TPWD. Collaborative Project with TPWD P.I. Glen Sutton. \$30K

2007-10 Greens Bayou Wetlands Mitigation Bank Assessment Project: Development of a GIS model to evaluate site hydrology. PI, Harris County Soil and Water Conservation District, \$120K

2007 Evaluation of Historical Trends in Trinity River Fish Communities, Phase II. PI, Trinity River Authority. \$25K

2007 Evaluation of Historical Trends in Trinity River Fish Communities. PI, Trinity River Authority. \$20K

2007 Development of Mass Balanced ECOPATH Model for Galveston Bay (Modeling losses to blue crab populations from reduced fresh water inflow and overfishing using EwE software). Co-PI, TPWD. Collaborative Project with TPWD P.I. Glen Sutton. \$20K

- 2007 Air Quality Monitoring and Education Gift. PI, Houston Endowment. \$300K
- 2007-09 Evaluation of the influence of stream substrate of fish communities in Harris County. PI, Harris County Flood Control District. \$60K
- 2006-07 Revision of the Galveston Bay Habitat Blueprint. PI, Galveston Bay Estuary Program. \$20K
- 2006 A bacteriological survey of Lake Madeline, Galveston, Texas. PI, City of Galveston. \$30K
- 2006 An Evaluation of the Hydrology of the Greens Bayou Wetland Mitigation Bank: Subdivision A Phase 1. Co-principal investigators Dr. Brad Wilcox – TAMU, and Heather Biggs - EIH, Harris County Flood Control District. \$25K
- 2005-06 Assessing the Effects of Community-based restoration on stewardship in communities. Restore America’s Estuaries. Co-principal investigator. Principal Investigator: Dr. Sharon Hall – School of HSH Galveston Bay Foundation. . \$18K
- 2005-07 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Monitoring Program. PI, Houston Galveston Area Council, \$85K
- 2005-06 Growth of Ichthyoplankton in Relation to Environmental Conditions within Galveston Bay. PI, University of Houston Faculty Research Development Grant. \$6K
- 2005-06 Growth of Larval Fish in Relation to Water Quality within Galveston Bay. PI, University of Houston Faculty Research Development Grant. \$6K
- 2005 Rapid Bioassessment of benthic invertebrates in Goose Creek, Texas. PI, Crouch Environmental Subcontract. \$20K
- 2004 Assessment of Water Quality in Galveston Bay watersheds. Clean Rivers Monitoring Program. PI, Houston Galveston Area Council. \$40K
- 2004 Evaluation of the Distribution of Exotic Fish Species in first and second order tidal streams of the Galveston Bay watershed. PI, University of Houston Faculty Research Development Grant. \$6K

INDEPENDENT EXTERNAL SERVICE, CONSULTING AND INSTRUCTION

- 2022-23 Independent external peer review panel (IEPR). Technical Review of Draft Programmatic Environmental Impact Statement. Willamette Valley System Operations and Maintenance. Client: Battelle Corporation
- 2017-18 Review of the Southeast Climate Science Center. American Fisheries Society review team. Client: USGS, Oklahoma State and AFS.
- 2015 Instructor of *Investigation and Valuation of Fish Kills*. Workshop. Client: State of Alabama.
- 2014-16 Independent external peer review panel. Technical Review of the Puget Sound Nearshore Ecosystem Restoration Draft Integrated Feasibility Study/Environmental Impact Statement (PSNER DFS/EIS). Client: Battelle Corporation.
- 2014 Review of HCFCD Stream Restoration Project – Memorial Park Buffalo Bayou Project. Client: Sierra Club of Houston.

- 2012 Instructor of *Investigation and Valuation of Fish Kills*. U.S. Fish and Wildlife Service. National Conservation Training Course. Arcata, CA.
- 2008-09 Peer Reviewer - Exxon Valdez Oil Spill Trustee Council. Partial reimbursement for review of proposed research projects dealing with restoration of previously impacted ecosystems in Arctic ecosystems.
- 2008 Consultant. Client Anadarko. Subcontract with Weston Solutions. Preliminary Recreational Fishing and Hydrology of the Tule Lake Complex Brine Service Company Superfund Site.
- 2008 Consultant. Client U.S. Army Corp of Engineers. Subcontract with Battelle Corporation. Technical Peer Review of Freeport Harbor COE Project.
- 2007-08. Galveston Airport Study Client: City of Galveston, subcontracted under Klotz and Associates.
- 2006 Instructor. Pond culture short course. Client: U.S. Fish and Wildlife Service. National Conservation Training Course.
- 2005 Instructor. Investigation and Valuation of Fish Kills. U.S. Fish and Wildlife Service. National Conservation Training Course.

EXPERT WITNESS AND LITIGATION SUPPORT EXPERIENCE

- 2016-17 Deposition and testimony in support of San Leon MUD opposition to Clean Harbors San Leon, Inc.'s application with SOAH and/or TCEQ for a Major Amendment to its Texas Pollutant Discharge Elimination System Permit. Contact: Stephanie S. Potter: Naman, Howell, Smith and Lee, PLLC.
- 2015-16 Review of Water Quality Impacts associated with the proposed CLCWA Authority wastewater facility: permit amendment. Clients: Coats | Rose, Dallas, TX and CLCWA. Contact: Angela Stepherson.
- 2014-16 Analysis of impacts associated with superfund site on coastal fisheries of Texas. Local Fisherman's Group and State of Texas vs. Private Company. Clients: Bracewell & Giuliani LLP and Morgan, Lewis and Bockius LLP. Houston, TX. Contact: Attorney Jason Muriby.
- 2013-14 Characterization of Galveston Bay Commercial Fisheries. Houston, TX. Bracewell & Giuliani LLP and Morgan, Lewis and Bockius LLP. Houston, TX. Contact: Attorney Jason Muriby.
- 2011-13 Deposition on the methodology used to derive estimates of dead endangered darter populations. Alabama Fish Kill Case. City of Birmingham vs. USFWS. Client: Balch and Bingham, LLP. And City of Birmingham. Contact: P. Stephen Gidiere, III.
2004. Deposition as to the scientific evidence and causes of the Klamath River Fish Kill Case investigated by the USFWS. Arcata, California. U.S. Government v. Yurok Tribe. Client: USDOJ. Role: Agency Biologist.
1990. Oral testimony on impacts of proposed wastewater discharge on Christmas Bay. Texas Water Commission Proposed Permit Hearing. Role: Agency Biologist.

PRESENTATIONS

- Hansen, J. and G. Guillen. 2020. Speckled Worm Eel (*Myrophis punctatus*) in Texas, a common, not so common species. Texas Academy of Science Annual Meeting. Tyler, TX.
- McDaniel, S. and G. Guillen. 2020. Foraging Ecology of Bottlenose Dolphins (*Tursiops truncatus*) in Galveston Bay. Texas Academy of Science Annual Meeting. Tyler, TX.
- Omar, M., J. Oakley and G. Guillen. 2020. Atlantic Rangia, *Rangia cuneata*, in Trinity Bay (Upper Galveston Bay): Ecology and growth in response to freshwater inflow. Texas Academy of Science Annual Meeting. Tyler, TX.
- Fazioli, K., V. Mintzer, and G. Guillen. 2019. *In the path of floodwaters*: Short-term effects of Hurricane Harvey on bottlenose dolphins (*Tursiops truncatus*) in upper Galveston Bay, Texas. World Marine Mammal Conference: Barcelona, Spain 2019.
- Guillen, G.J. Oakley, C. Scanes and M. Gordon. 2019. Coast-Wide Characterization of Saltmarsh Topminnow – *Fundulus jenkinsi* Populations in Texas. Meeting of the Southern Division of the American Fisheries Society. Galveston, TX. Jan. 2019
- Oakley, J., F. Gelwick, M. Lawing, A. Armitage and G. Guillen. 2019. A Coastal Health Index for The Northern Gulf Of Mexico; How Fisheries Contribute To Measuring Ecosystem Health. Meeting of the Southern Division of the American Fisheries Society. Galveston, TX. Jan. 2019
- Scanes, C., Guillen, G., J. Oakley, and M. Gordon. 2019. Using National Surveys to Evaluate the Condition of Texas State-Wide Fish Communities. Meeting of the Southern Division of the American Fisheries Society. Galveston, TX. Jan. 2019.
- Hansen, J.R., J. Oakley, S. Curtis and G. Guillen. 2019. The Hunt for the Elusive American Eel in Texas: A Story about Eels and Blue Crab. Meeting of the Southern Division of the American Fisheries Society. Galveston, TX. Jan. 2019.
- Guillen, G., J. Oakley, C. Scanes, and M. Gordon. 2018. Characterization of Saltmarsh Topminnow - *Fundulus jenkinsi* populations along the Texas coast. Gulf Estuarine Research Society. Galveston, Texas. November 2018.
- Oakley, J., F. Gelwick, M. Lawing, A. Armitage and G. Guillen. 2018. Developing a coastal health index for the northern Gulf of Mexico. Gulf Estuarine Research Society. Galveston, Texas. November 2018.
- Guillen, G. and M. Mokrech. 2018. Mapping intertidal oyster reefs using side-scanning sonar and drone systems. Gulf Estuarine Research Society. Galveston, Texas. November 2018.
- Hansen, J.R., J. Oakley, S. Curtis and G. Guillen. 2018. Hunting for the elusive American Eel along the Texas coast. Gulf Estuarine Research Society. Galveston, Texas. November 2018.
- Guillen, G., C. Scanes, M. Gordon, T. Swanson, and J. Oakley. 2018. The influence of freshwater inflow on the estuarine nekton of a tidal river. Texas Chapter of the American Fisheries Society. College Station, Texas. January 2018.
- Warner, K.J., G. Guillen and T. Hardy. 2018. Instream habitat use of invasive armored catfishes in the Upper San Marcos River. Texas Chapter of the American Fisheries Society. College Station, Texas. January 2018.
- Oakley, J., C. Scanes, M. Gordon, and G. Guillen. 2018. Recovery of Galveston Bay saltmarsh nekton communities

- after Hurricane Harvey. Texas Chapter of the American Fisheries Society. College Station, Texas. January 2018.
- Buhler, K., and G. Guillen. 2018. Comparing habitat types and fish assemblages in the Flower Garden Banks mesophotic zone. Texas Chapter of the American Fisheries Society. College Station, Texas. January 2018.
- Vallery, A., M. Mokrech, and G. Guillen. 2017. Assessment of shorebird and wading bird populations in Galveston Bay using Unmanned Aerial Vehicles. Texas Colonial Waterbird Conference. Kingsville, TX. November 2017.
- Guillen, G. 2017. Harvey, Ike and the Future: What can be done? Houston Bay Area Storm Water Flood Forum. Houston, Texas. November 2017.
- Guillen, G. 2017. Fish, Shrimp, Crabs and Freshwater – Life in a Dynamic Estuary. H-GAC Clean Water Initiative Series – Freshwater Inflow November 2017. Houston, TX.
- Guillen, G., Oakley, J., Gordon, M., and C. Scanes. 2017. The Influence of Freshwater Inflow on the Nekton Community of a Riverine Estuary. November 2017. Coastal and Estuarine Research Federation Conference. Providence, RI.
- Johns, N., K. Garmany, G. Guillen, R. Feagin, E. White, Y. Want, K. Fritz-Gammond and P. Walther. 2017. Bringing the freshwater – the Anahuac Wetlands Restoration Project, TX. November 2017. Coastal and Estuarine Research Federation Conference. Providence, RI.
- Guillen, G. 2017. UHCL-EIH Activities. Hurricane Harvey: Lighting Talks. Galveston Bay Council of the GBEP. October 18, 2017. Houston, TX.
- Fazioli, K., V. Mintzer, V. and G. Guillen. 2017. Site fidelity of bottlenose dolphins (*Tursiops truncatus*) in a highly-industrialized estuary. The Society for Marine Mammalogy, 22nd Biennial Conference on the Biology of Marine Mammals, Halifax, NS, Canada. Poster.
- Guillen, G. 2017. Keynote Address to Session: Emerging Anthropogenic Pollution and its Effects on our Aquatic Resources. Title: Recent Advances in Fish Kill and Pollution Event Investigations. American Fisheries Society Conference. Tampa, FL. August 2017.
- Guillen, G., J. Oakley, C. Scanes, M. Gordon, and T. Swanson. 2017. The Relationship of Freshwater Inflow Regime and the Spatial Ecology of the Nekton of the Brazos River Estuary, Texas. Tampa, FL. August 2017.
- Guillen, G., Oakley, J., M. Gordon, C. Scanes. N. Johns. 2017. Influence of freshwater inflow on the distribution of Atlantic Rangia and Water Celery within the Trinity River delta, Galveston Bay. Texas Chapter of the American Fisheries Society. Corpus Christi, TX.
- Guillen, G. Oakley, J. M. Gordon, C. Scanes, and N. Johns. 2017. The influence of freshwater inflow on the Occurrence of Atlantic Rangia and Water Celery. Texas Academy of Science. Belton, TX.
- Vallery, A., G. Guillen and M. Mokrech. 2017. Spatial distribution of bird communities were analyzed using cluster analysis within the ESRI ArcGIS 10.4 software package. Texas Academy of Science. Belton, TX.
- Guillen G., M. Gordon, J.W. Oakley and N. Johns. 2016. Recent Observations on Trinity River Delta *Rangia cuneata* and *Vallisneria americana* in relation to Freshwater Inflow. Trinity and San Jacinto River Basins and Galveston Bay BBASC Meeting: November 2, 2016. Conroe, TX.
- Guillen, G., J.W. Oakley and M. Gordon. 2016. Factors Associated with Historical Trends in the Occurrence of

- Texas Diamond-backed Terrapin (*Malaclemys terrapin*). Diamond-backed Terrapin Working Group Conference. October 29, 2016. Fairhope, Alabama
- Guillen G., M. Gordon, J.W. Oakley and N. Johns. 2016. Relationship of the Trinity River Delta *Rangia cuneata* population and Freshwater inflow. Texas Mollusk Symposium. August 8-11, Dallas, TX.
- Guillen, G. and J.W. Oakley. 2016. Water Quality Improvements Associated with Creation of a Multipurpose Coastal Wetland on a University Campus. Society of Wetland Scientists. Corpus Christi, TX.
- Oakley, J.W., M. Gordon, and G. Guillen. 2016. National aquatic resources surveys: application for wetland condition monitoring and assessment in Texas. Society of Wetland Scientists. Corpus Christi, TX.
- Guillen, G. and J. Oakley. 2016. The Influence of Hydrology, Habitat and Water Quality on stream fishes inhabiting coastal urban streams: implications for restoration. Advancing Stream Restoration in the Southwest. San Antonio, TX.
- Robertson, J., S. Curtis, J. Oakley and G. Guillen. 2016. Growth and reproduction of the saltmarsh topminnow (*Fundulus jenkinsi*). Texas Academy of Science. Junction, TX.
- Guillen, G., J. Oakley, and S. Curtis. 2016. Influence of Freshwater Inflow on Aquatic Biota of the Lower Brazos River, Texas. Texas Academy of Science. Junction, TX.
- Loe, S., K. Fazioli, and G. Guillen. 2016. Foraging ecology of common bottlenose dolphins (*Tursiops truncatus*) in the Galveston bay ecosystem. Texas Academy of Science. Junction, TX.
- Curtis, S., J. Oakley, M. Gordon, and G. Guillen. 2016. Development of methodology to validate freshwater needs of the Brazos River estuary. Texas Chapter of the American Fisheries Society. Kerrville, TX.
- Silvy, E., F. Gelwick, G. Guillen, and R. Lopez. 2016. Determining factors affecting Dermo Disease (*Perkinsus marinus*) in populations of Eastern Oysters (*Crassostrea virginica*) in Galveston Bay, Texas. Texas Chapter of the American Fisheries Society. Kerrville, TX.
- Guillen, G., S. Curtis, J. Oakley, and M. Gordon. 2016. Influence of freshwater inflow on nekton of the Brazos River estuary. Texas Chapter of the American Fisheries Society. Kerrville, TX.
- Robertson, J. J., S. Curtis, J. Oakley, and G. Guillen. 2016. Growth and reproduction of the Saltmarsh Topminnow (*Fundulus jenkinsi*) in Texas. Texas Chapter of the American Fisheries Society. Kerrville, TX.
- Morris, N.S. and G. Guillen. 2016. Mercury monitoring in Texas waters of the Gulf of Mexico: a concurrent Study with the national coastal condition assessment. Texas Chapter of the American Fisheries Society. Kerrville, TX.
- Silvy, E., G. Guillen, and F. Gelwick. 2016. Determining Factors Affecting Dermo Disease of Oysters in Galveston Bay. State of Galveston Bay Symposium. Galveston, TX.
- Robertson, J. and G. Guillen. 2016. Where Them Fish At? An Overview of the Population and Habitat Characteristics of the Saltmarsh Topminnow (*Fundulus jenkinsi*) in Galveston Bay and Sabine Lake. State of Galveston Bay Symposium. Galveston, TX.
- Guillen, G., B. Alleman, J. Oakley, and A. Moss. 2016. Trends in the Abundance of Texas Diamond-Backed Terrapin, *Malaclemys terrapin littoralis*, in Galveston Bay. State of Galveston Bay Symposium. Galveston, TX.

- Morris, N. and G. Guillen. 2016. Mercury Monitoring in Texas Waters of the Gulf of Mexico: A concurrent study with the National Coastal Condition Assessment. State of Galveston Bay Symposium. Galveston, TX.
- Zarnstoff, N. and G. Guillen. 2016. Characterization of ambient water quality and influencing characteristics in natural and created wetlands of the Texas coast. Poster Presented at State of Galveston Bay Symposium. Galveston, TX.
- Loe, S., K. Fazioli, and G. Guillen. 2016. Foraging ecology of common bottlenose dolphins (*Tursiops truncatus*) in upper Galveston Bay. Poster Presented at State of Galveston Bay Symposium. Galveston, TX.
- Fazioli, K., V. Mintzer and G. Guillen. 2015. Bottlenose dolphin activity in a highly industrialized region of Galveston Bay, Texas. Poster Presented at Society for Marine Mammalogy. San Francisco, CA.
- Vale, K., G. Guillen and D. Newstead. 2015. Southeast Partners in Flight Investigation of Factors Influencing Piping Plover Distribution on the Upper Texas Coast Conference. Lafayette, LA.
- Guillen, G., J. Oakley, M. Moss, and S. Curtis. 2015. The Response of Nekton Communities of the Lower Brazos River Estuary, Texas to Varying Freshwater Inflow. Coastal and Estuarine Research Federation Conference. Portland, OR.
- Curtis, S., J. Oakley, M. Moss and G. Guillen. 2015. Effects of Freshwater Inflow and Tides on Water Quality of the Brazos River Estuary. American Fisheries Society Conference. Portland, OR.
- Zarnstoff, N. and G. Guillen. 2015. Characterization of annual ambient water quality in natural and created wetlands of the Texas coast. Texas Bays and Estuaries Meeting, Corpus Christi, TX.
- Metz, T., M. Gordon, G. Guillen, and J.D. Anderson. 2015. Current documentation of fibropapillomatosis in Green Turtles (*Chelonia mydas*) captured from Texas inshore waters. Texas Bays and Estuaries Meeting, Corpus Christi, TX.
- Alleman, B. and G. Guillen. 2015. Assessment of Habitat and Prey Availability Associated with the Distribution of Texas Diamond-backed Terrapin (*Malaclemys terrapin littoralis*). Texas Bays and Estuaries Meeting, Corpus Christi, TX.
- Robertson, J., S. Curtis, J. Oakley, G. Guillen. 2015. Distribution, Abundance, and Habitat Use of the Saltmarsh Topminnow (*Fundulus jenkinsi*). Texas Bays and Estuaries Meeting, Corpus Christi, TX.
- Curtis, S., J. Oakley, M. Gordon, and G. Guillen. 2015. Effects of Freshwater Inflow and Tides on Water Quality of the Brazos River Estuary. Texas Bays and Estuaries Meeting, Corpus Christi, TX.
- Guillen, G., J. Oakley, B. Alleman, M. Gordon. 2015. Historical Occurrence and Trends in the Distribution of the Texas Diamond-backed Terrapin, *Malaclemys terrapin littoralis*. Texas Bays and Estuaries Meeting, Corpus Christi, TX.
- Loe, S., Fazioli, K., Guillen, G. 2015. Observations on the occurrence and distribution of bottlenose dolphins (*Tursiops truncatus*) in upper Galveston Bay. Texas Bays and Estuaries Meeting, Corpus Christi, TX.
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- Clarkson, E. and G. Guillen 2014. Short term temporal trends in activity and habitat selection of the Texas Diamondback Terrapin. Texas Bays and Estuaries Meeting. University of Texas Port Aransas. Port Aransas, TX.
- Alleman, B. and G. Guillen. 2014. Characterization of prey availability between Texas diamondback terrapin (*Malaclemys terrapin littoralis*) capture sites and background wetland densities. Texas Academy of Science. March 7, 2014. Galveston, Texas.
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- Guillen, G. 2013. Urban stream syndrome and its influence on stream biota. Clean Waters Initiative Workshop on Urban Stream Ecology. June 13, 2013. H-GAC. Houston, TX.
- Guillen, G and E. Clarkson. 2013. Movement of Diamondback Terrapins in a Texas estuary as determined by acoustic and radiotelemetry. Terrapin, Tortoise and Freshwater Turtle Meeting at 33rd Annual Symposium on Sea Turtle Biology and Conservation. Feb 2-4, 2013. Baltimore, MD
- Melendez, L, G. Guillen, and G. Sutton. 2013. Development of Juvenile Blue Crab (*Callinectes Sapidus*) Growth Models. 66th Annual Meeting of the Gulf and Caribbean Fisheries Institute. Corpus Christi, TX.
- Miller, A. and G. Guillen. 2013. Evaluation of multi-decadal changes in the nekton community of a Texas riverine estuary: potential influence of freshwater inflow. Annual Meeting of the Southern Division of AFS. Nashville, TN.
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- Guillen, G. 2012. Relationship between measures of turbidity and urban land use. Annual Surface Water Quality Monitoring Conference. TCEQ. Corpus Christi, TX.
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- Guillen G., E. Clarkson, and K. Young. 2011. Multi-scale Temporal and Spatial Patterns in Movement and Habitat Utilization by the Diamondback Terrapin, *Malaclemys terrapin littoralis*, as determined by Radio and Acoustic Telemetry. Presented at the American Society of Ichthyologists and Herpetologists Conference. Minneapolis, MN.
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- Ramirez, D. and G. Guillen. 2008. Impacts of Invasive Fish Species on native fish communities found in coastal tributaries. Texas Academy of Science Annual Meeting. Corpus Christi, Texas.
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- Guillen, G. and K. Haskett. 2007. Effects of land use, wastewater loading and basin morphology on the water quality of a coastal basin-case studies and general trends. Annual Meeting of the Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science. University of Houston Clear Lake. Houston, TX.
- Guillen, G., S. Moore, K. Haskett and H. Biggs. 2007. Poster: Effects of basin morphology and urban non-point source loading on Lake Madeline water quality. 8th Biennial State of the Bay Symposium.. Galveston, TX.
- Guillen, G., S. and H. Biggs. 2007. Poster: Application of multivariate statistical methods to evaluate patterns in water quality. Eighth Biennial State of the Bay Symposium.. Galveston, TX.
- Guillen, G., S. and D. Ramirez. 2007. Poster: Distribution and potential impacts of invasive fish species in the Clear Lake watershed. Eighth Biennial State of the Bay Symposium.. Galveston, TX.
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- Haskett, K., G. Guillen, H. Biggs and S. Moore. 2007. Physical and hydrological factors associated with elevated indicator bacteria within Lake Madeline, Galveston, TX. Annual Meeting of the Texas Academy of Science. Waco, TX.
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- Guillen, G.J. 2006. Distribution of exotic fish species in the Clear Lake Watershed, Texas: potential mechanisms of dispersal in coastal streams. Presented at the Annual Meeting of the Southern Division of the American Fisheries Society. San Antonio, Texas.
- Guillen, G.J. 2005. Relationship of Water Quality, Habitat and Aquatic Life. Houston Laboratory Analyst Society meeting on October 27, 2005. Houston, Texas.
- Guillen, G.J. 2005. Poster: Spatial and Temporal Trends in Larval Fish Abundance within a Northwest River System. Presented at the September 2005 Annual Meeting of the American Fisheries Society. Anchorage, Alaska.
- Guillen, G.J. 2005. Factors associated with mass mortality of fish in a Pacific Northwest river. Presented at the September 2005 Annual Meeting of the American Fisheries Society. Anchorage, Alaska.
- Guillen, G.J. 2005. Investigating Fish Kills Course. May15-21, 2005 Co-instructor of 1-week long continuing education course offered to New York State fisheries biologists. 3.5 days of contact time. Funded by U.S. Fish and Wildlife Service. Hamilton, N.Y.
- Guillen, G.J. 2005. Future Landscapes: The effect environment is having on our campus today and in the years to come How the Environment will Affect University and PASA?? UHCL - PASA presentation March 17, 2005.
- Guillen, G.J. 2005. The need for coordinated ecosystem monitoring and research to support development of Galveston Bay ecosystem models and management tools. Seventh Biennial State of the Bay Symposium. January 2005. Houston, Texas.
- Guillen, G.J. 2004. Investigating Fish Kills. Co-instructor of 1-day continuing education course taught at the Annual American Fisheries Society Meeting in Madison, Wisconsin. August 2004.
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- Oakley, J.W. and **G. Guillen.** 2019. Impact of Hurricane Harvey on Galveston Bay Saltmarsh Nekton Communities. *Estuaries and Coasts*. Special Issue: Impact of 2017 Hurricanes. <https://doi.org/10.1007/s12237-019-00581-7>
- Oakley, J.W., A. M. Lawing, **G. Guillen** and F. Gelwick. 2018. Defining ecologically, geographically, and politically coherent boundaries for the Northern Gulf of Mexico coastal region: facilitating ecosystem-based management. *Ocean and Coastal Management* 154:1-7.
- AFS Southern Division Pollution Committee (**contributing co-author**). 2017. Chapters 1-3. In: *Southwick, R. I., and A. J. Loftus, editors*. Investigation and Monetary Values of Fish and Freshwater Mollusk Kills. American Fisheries Society, Special Publication 35, Bethesda, Maryland
- Alleman, B.J. and **G. Guillen.** 2017. Prey Availability and Diet Analysis of Texas Diamond-backed Terrapin (*Malaclemys terrapin littoralis*). *Chelonian Conservation and Biology* 16(1):52-61.
- Alleman, B. J. and **G. Guillen.** 2016. *Malaclemys terrapin littoralis* (Texas Diamond-backed Terrapin). Basking Behavior. *Herpetological Review* 47(2): 286.
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- Guillen, G.** and S. Curtis. 2015. Establishment of the Bluefin Killifish *Lucania goodei* in urban streams of Texas. *The Texas Journal of Science* 67(2) 79-84. Published January 2017.
- Hall, S.K., **G. Guillen**, H. Biggs, and R. Stokes. 2015. Volunteer's Age and Its Relationship to Community-Based restoration. *The Texas Journal of Science* 67(4) 115-132. Published January 2017.
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- Alleman, B. J., M. S. Lane, **G. Guillen**, and J. Muegge. 2015. *Graptemys pseudogeographica kohnii* (Mississippi Map Turtle). Geographic Distribution. *Herpetological Review* 46: 565.
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- Guillen, G.** 2005. Western Water: a coming crisis or opportunity for change? International Initiatives. Fall 2005. UHCL Office of International Initiatives. Houston, TX.
- Guillen, G.,** G. Rainey and M. Morin. 2004. A simple rapid approach using coupled multivariate statistical methods, GIS and trajectory models to delineate areas of common oil spill risk. *Journal of Marine Systems*. 45:221-236.
- Guillen, G.** and M. Magnuson. 2002. Utilization of thermal refugia by salmonids in a stressed river system: implications for design of water quality and biological monitoring programs. *Proceedings of the National Water Quality Monitoring Conference*. Madison, Wisconsin.

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- Guillen, G.,** J. Maldonado and S. Simmons. 2000. Evaluation of alternative bacterial indicators for use in determining compliance with water quality criteria. In: Proceedings of the National Water Quality Monitoring Council. NAWQMC. Austin, Texas.
- Guillen, G.,** L. Whaylen, L. Broach and S. Smith. 1999. Effects of land use on sediment quality: Galveston Bay. In: Proceeding of the 1999 Galveston Bay Conference. TNRCC Austin, Texas.
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- Guillen, G.** 1991. Texas Water Commission Water Quality Monitoring Program in the Galveston Bay system. In: Proceedings of the Galveston Bay Characterization Workshop. GBNEP-6.
- Crocker, P.A., **G. Guillen,** R.D. Seiler, E. Petrocelli, M. Redmond, W. Lane, T.A. Hollister, D.W. Neleigh, and G. Morrison. 1991. Water quality, ambient toxicity and biological investigations in the Houston Ship Channel and tidal San Jacinto River. Environmental Protection Agency. Dallas Texas.
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- Oakley, J.W., M. Gordon, and **G. Guillen**. 2017. Wichita River at FM 810 biological monitoring summary packet. EIH Report 17-003, 49 pp.
- Guillen, G.**, M. Gordon and J. Oakley. 2016. Trinity River Delta and Upper Trinity Bay Rangia Population Assessment. Report to the National Wildlife Federation. Austin, TX.
- Bonner, T, J. Duke, K. Winemiller, **G. Guillen** and BIO-WEST, Inc. 2015. Instream Flows Research and Validation Methodology Framework and Brazos Estuary Characterization: Brazos River and Associated Bay and Estuary System. Report submitted to the Texas Water Development Board. Austin, TX.
- Guillen, G.**, A.M. Moss, J. Oakley, R. George, B. Alleman, M. Mokrech and D. Bush. 2015. Population Survey of the Texas Diamondback Terrapin in San Antonio Bay, Matagorda Bay, and Sabine Lake. EIH Report # 15.002. Report to TPWD and USFWS. Houston, Texas.
- Guillen, G.**, Robertson, J., Oakley, J., Curtis, S. 2015. Distribution, Abundance, and Habitat Use of the Saltmarsh Topminnow (*Fundulus jenkinsi*). Final Report to Texas Parks and Wildlife Department. EIH Report 15-002:61.
- Guillen, G.** 2015. Analysis of Statewide Probabilistic Data – Texas Reservoirs. EIH Report # 15-001. Report to TCEQ. Houston, Texas.
- Metz, T.L., **G. Guillen** and M. Gordon. 2015. Tracking the Incidence of the Fibropapilloma Virus in Texas' Green Sea Turtle Population: Final Report to the Texas State Aquarium for Wildlife Care, Conservation, and Research 2013 Funding Cycle (October 2013 - September 2014). EIH Report # 14-002. Houston, TX.
- Guillen, G.J.**, J. Oakley, M. Mokrech and A. Moss. 2014. Armand Bayou Water Quality Improvement Grant: UHCL Created Stormwater Treatment Wetland. EIH Final Report #14-001. UHCL-EIH. Houston, TX.
- Guillen, G.J.** and J. Oakley. 2013. Bycatch Mortality and Critical Life History Parameters of the Texas Diamondback Terrapin. EIH Final Report #13-004. UHCL-EIH. Houston, TX.
- Guillen, G.**, Oakley, J.W., Moss, A., Shepard, M. 2013. Aquatic Life Monitoring Study Report. EIH Technical Report 13-002:66 pp.
- Guillen, G.**, Oakley, J.W. Mokrech, M. 2013. Baseline Aquatic Community Survey at Restoration Stream Segments (P138-00-00, T101-0-00, L100-00-00) Final Report. EIH Technical Report 13-001:156 pp.
- Guillen, G.J.**, M. Shepard, K. Vale and J. Oakley. 2012. Sedimentation Study of Dickinson Bayou Tidal (Segment 1103). EIH Final Report # 12-003. UHCL- EIH. Houston, TX.
- Guillen, G.J.**, J. Oakley, K. Vale, M. Shepard and A. Moss. 2012. Harris County Texas Comprehensive Turbidity Study Results Report. Prepared in cooperation with the Harris County Flood Control District. Project ID: Z100-00-00-Y053. EIH Final Report # 12-001. UHCL- EIH. Houston, TX.
- Guillen, G.J.**, J. Oakley, K. Vale, M. Shepard and M. Mokrech. 2012. Time of Travel Study at Mason Park Final Report. EIH Final Report # 12-002. UHCL- EIH. Houston, TX.
- Guillen, G.J.**, J. Oakley, K. Vale, M. Shepard and A. Moss. 2012. Springwoods Subdivision Study Final Report. EIH Final Report # 12-000. UHCL- EIH. Houston, TX.
- Brazos River Basin and Bay Expert Science (BBEST). 2012. Environmental Flows Recommendations Report: Final

- Submission to the Brazos River Basin and Bay Area Stakeholder Committee, Environmental Flows Advisory Group, and Texas Commission on Environmental Quality. Austin, Texas. **Coauthor.**
- Guillen, G.,** M. Mokrech and J. Wrast. 2011. Texas Nutrient Criteria Development Support Project Draft Final Report to the TCEQ Water Quality Standards Group. 680 pages. Houston, TX.
- Guillen, G.** and J. Wrast. 2010. Fishes as Sources of *E. coli* Bacteria in Warm Water Streams. UHCL-EIH Technical Report. Prepared for the Harris County and Texas Water Research Institute. Houston, Texas.
- Guillen, G.,** H. Biggs and J. Wrast. 2010. Development of a GIS Based Hydrological Model and Database for the Greens Bayou Wetland Mitigation Bank: Subdivision A Phase 1. UHCL-EIH Technical Report 1-10. Prepared for the Harris County Soil and Water Conservation District and Harris County Flood Control District. Houston, Texas.
- Guillen, G.,** R. Brinkmeyer and J. Wrast. 2010. Influence of the Waugh Street Bat Colony on Indicator Bacteria Levels in Buffalo Bayou. UHCL-EIH Technical Report. Prepared for the Harris County and Texas Water Research Institute. Houston, Texas.
- Trinity and San Jacinto and Galveston Bay Basin and Bay Expert Science (BBEST). 2009. Environmental Flows Recommendations Report: Final Submission to the Trinity and San Jacinto Rivers and Galveston Bay Basin and Bay Area Stakeholder Committee, Environmental Flows Advisory Group, and Texas Commission on Environmental Quality. Austin, Texas. 671 pp. **Coauthor.**
- Instream Biology Workgroup of the Science Advisory Committee. 2009. Essential Steps for Biological Overlays in Developing Senate Bill 3 Instream Flow Recommendations. SB3 Science Advisory Committee. Austin, Texas. **Coauthor.**
- Guillen, G.,** J. Wrast and D. Ramirez. 2009. Ecological Overlay for the Trinity River for support of Development of Instream Environmental Flow Recommendations. Prepared for the Trinity River Authority and Water Development Board. EIH. UHCL. Houston, Texas.
- Haskett, K. and **G. Guillen.** 2008. Population Characteristics of Diamondback Terrapin at the Deer Island Complex: Galveston, Texas during 2008. EIH Technical Report to the Houston Zoo and Texas Parks and Wildlife Department. UHCL, TX.
- Guillen, G.** and H. Biggs. 2007. Greens Bayou Wetlands Mitigation Bank Assessment Project Phase 1 of 3: Topographic Survey for Evaluation of Site Hydrology January 1, 2007 through July 30, 2007. Environmental Institute of Houston. Houston, Texas.
- Guillen, G.,** B. Wilcox and H. Biggs. 2006. An Evaluation of the Hydrology of the Greens Bayou Wetland Mitigation Bank: Subdivision A Phase 1 - Final Report. EIH-01-06. Environmental Institute of Houston. Houston, Texas.
- Guillen, G.** and S. Moore. 2006. Lake Madeline Bacteria Study Final Report. EIH-02-06. Environmental Institute of Houston. Houston, Texas.
- Guillen, G.** 2003a. Klamath River Fish Die-off: September 2002. AFWO-01-03. USFWS. Arcata, California.
- Guillen, G.** 2003b. Klamath River Fish Die-off: September 2002: Report on Causative Factors. AFWO 03-03. USFWS. Arcata, California
- Klamath River Technical Advisory Team. 2003. Klamath River Fall Chinook Age-Specific Escapement, 2002 Run. Yreka, California. **Coauthor.**

- Klamath River Technical Advisory Team. 2003. Ocean Abundance Projections and Prospective Harvest Levels for Klamath River Fall Chinook, 2003 Season. **Coauthor**.
- Minerals Management Service. 2000. Environmental Assessment of Chevron/OECD Joint Venture Destin Dome 1 and 2 Development Plan. **Coauthor** of discharge/water quality section. MMS. New Orleans, Louisiana.
- Minerals Management Service. 2000. Environmental Impact Statement: Offshore Lease Sale 181 - Eastern Gulf of Mexico Planning Area. **Coauthor** of water quality characterization section. MMS. New Orleans, Louisiana
- Guillen, G.**, L. Whylen, L. Broach and S. Smith. 1999. Evaluation of sediment quality in the vicinity of permitted discharges and selected land-use practices: Galveston Bay. TNRCC. Austin, Texas.
- Marks, L.M. and **G. Guillen**. 1999. Characterization of water quality, macrobenthos, and nekton at Gulf of Mexico Beaches: Bolivar Peninsula, Galveston Island, and Surfside. AS-178/SR. TNRCC. Austin, Texas.
- Guillen, G.** 1996. Development of a Rapid Bioassessment method and index of biotic integrity for tidal streams and bayous located along the northwest Gulf of Mexico. Final Report to EPA. TNRCC. Houston, Texas.
- Guillen, G.** and D. Phillips. 1996. Overflows and Bypasses in the Harris and Galveston Counties Area. Final Report. TNRCC. Houston, Texas.
- Guillen, G.** 1995. Texas Coastal Natural Resources Inventory: Water and Sediment Quality - Historical Data Compilation. User's Manual. TNRCC. Houston, Texas
- Guillen, G.** 1994. Development of Rapid Bioassessment and Index of Biotic Integrity for coastal ecosystems in Southeast Texas. Special Report to EPA Region 6. TNRCC.
- Guillen, G.**, D. Phillips, J.A. Harper and J.R. Larson. 1994. Estimated loadings of partially treated domestic wastewater on Galveston Bay. GBNEP-41. Galveston Bay National Estuaries Program. Webster, Texas
- Guillen, G.** 1994. Ecological risks effecting freshwater streams and bayous within the Houston-Galveston watershed. Special Report to HARC ecosystem committee.
- Guillen, G.**, M. Ruckman, S. Smith, and L. Broach. 1993. Marina Impacts in Clear Lake and Galveston Bay. Special Report D7-001. Texas Water Commission. Houston, Texas 77015
- Guillen, G.** 1993. Evaluation of dissolved oxygen trends in the Houston Ship Channel from historical statewide monitoring data. AS-09. Texas Natural Resource Conservation Commission.
- Guillen, G.** 1993. APEX Oil Spill: Natural Resource Damage Assessment. Special Report. Texas Water Commission.
- Albrecht, C.A. and **G. Guillen**. 1991. A biological site assessment of an unnamed tributary in Chambers County: City of Anahuac permit renewal. TWC Technical Report.
- Guillen, G.** and M. Luedke. 1991. Fish kill investigation of Buffalo Bayou. TWC Technical Report. Texas Water Commission.
- Guillen, G.** 1991. An ecological survey of Jarbo Bayou. TWC Technical Report. Austin, Texas.
- Guillen, G.** and R. Kiesling. 1989. A biological site assessment of an unnamed receiving stream (TWC segment no. 1107) downstream of the proposed discharge (permit number 03116) from the NAIAD Corporation facility in Brazoria County. TWC Technical Report. Austin, Texas.

- Guillen, G.** and C.A. Albrecht. 1989. Site assessment of Linnville Bayou, with special reference to renewal of TWC Permit 00721 (Phillips 66 Company) TWC Technical Report. Austin, Texas.
- Guillen, G.** and R. Kiesling. 1989. Preliminary Type-A Natural Resource Damage Assessment of the June 23, 1989 oil spill from the Coastal Towing T/B 2514 barge collision. TWC Technical Report. Austin, Texas.
- Guillen, G.** 1988. Goose Creek Water Quality and Biological Survey conducted on 10-10-88. Texas Water Commission (TWC) Technical Report. Field Operations Deer Park Office. Austin, Texas. 11pp.
- Guillen, G.** 1988. Natural resource survey of Christmas Bay surrounding the proposed Continental Savings discharge (proposed permit no. 13402-01). TWC Technical Report. Austin, Texas.
- Guillen, G.** 1988. Preliminary assessment of the effects of the Phillips 66 discharge (Permit No. 00721) on Linnville Bayou, Matagorda County. TWC Technical Report. Austin, Texas.
- Guillen, G.** 1993. APEX Oil Spill: Natural Resource Damage Assessment. Special Report. Texas Water Commission.
- Guillen, G.** 1987. A review of Chemical Waste Management's application to amend permit no. 39037 for disposal of Class I hazardous wastes in Jefferson County at the Bayou Farms site. TPWD Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1986. Shell Pipeline Corporation- oil spill. TPWD Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1986. Farmland Fertilizer Spill- Calhoun County, 30 December 1985. TPWD Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1986. Biological impact of underwater explosive removal of Tenneco rig on 21 June 1986. TPWD Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1993. APEX Oil Spill: Natural Resource Damage Assessment. Special Report. Texas Water Commission.
- Guillen, G.** 1985. Fish kill at Lake Nassau in Harris County, 15 September 1985. TPWD Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1985. Oil pollution of lower Galveston Bay by Mitchell Energy Corporation- Mitchell Fee lease #11808. Violation of RRC permit. TPWD Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1985. APAC of Texas oil spill in Dickinson Bayou, December 13-16, 1985. TPWD Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1985. Red tide in Refuge Harbor, Calhoun County, 18 September 1985. TPWD Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1984. Reid Vacuum and Mud X site maintenance- 5 December 1985. Texas Parks and Wildlife Department (TPWD) Resource Protection Technical Report. Austin, Texas.
- Guillen, G.** 1984. Essenjay Drilling Mud Spill in Lavaca County, May 16, 1984. TPWD Resource Protection Technical Report. Austin, Texas.

Guillen, G. 1984. Natural Resource of Texas Oil Spill at Lake Texana- November 18, 1984. TPWD Resource Protection Technical Report. Austin, Texas.

Guillen, G. 1984. Fish kill in Cedar Bayou, Harris and Chambers counties. TPWD Resource Protection Technical Report. Austin, Texas.

Guillen, G. 1984. Fish kill in Canoe Bayou. TPWD Resource Technical Report. Austin, Texas.

Graduate Student Theses and Research Projects Supervised

Catherine Lescher. 2022. Habitat use, distribution, and density of Dwarf Seahorse (*Hippocampus zosterae*) populations along the Texas Gulf Coast. M.S. Thesis. University of Houston Clear Lake, Houston, TX

Mahmoud Omar. 2020. Modelling the Growth of Atlantic Rangia, *Rangia cuneata*, in response to freshwater inflow, Trinity River Delta, Galveston Bay. M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Justin Hansen. 2020. Speckled Worm Eel (*Myrophis punctatus*) in the Estuarine Waters of Texas: a “Dove Tale” of the Elusive American Eel (*Anguilla rostrata*). M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Tyler Swanson. 2019. Nekton community characterization of the lower Brazos River with an emphasis on Atlantic croaker, *Micropogonias undulatus*, trophic dynamics. M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Kaitlin McGraw. 2019. Qualitative Characterization of Habitat Types and Fish assemblages of the Flower Garden Banks Mesophotic Zone. M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Kris Warner. 2018. Instream habitat use and management of invasive armored catfishes in the upper San Marcos River. M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Anna Vallery. 2018. Assessment of shorebirds and wading birds in Galveston Bay using conventional and UAV technologies. M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Allison Norris. 2017. A Mesocosm Study of the Impact of Invasive Armored catfish (*Pterygoplichthys* sp.) on endangered Texas Wild Rice (*Zizania texana*) in the San Marcos River. M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Nicole Morris. 2016. Mercury monitoring in Texas estuaries: A concurrent study with the National Coastal Condition Assessment. M.S. Thesis. University of Houston Clear Lake, Houston, TX

Kristin Vale. 2016. Investigation of factors influencing Piping Plover distribution along the upper Texas Coast. M.S. Thesis. University of Houston Clear Lake, Houston, TX

Michael Lane. 2016. Spatial patterns in Texas lotic fish communities. M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Josi Robertson. 2016. Distribution, habitat, and life history characteristics of the saltmarsh topminnow (*Fundulus jenkinsi*). M.S. Thesis. University of Houston Clear Lake, Houston, TX.

Bryan Alleman. 2015. The Influence of Prey Availability and Habitat on the Distribution and Food Habits of Diamondback Terrapin (*Malaclemys terrapin littoralis*) in Texas. M.S. Thesis. University of Houston Clear Lake, Houston, TX. December 2015.

Laila Melendez Pronker. 2014. Growth Parameterization for Blue Crabs, *Callinectes sapidus*, of Galveston Bay,

- Texas. M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Rachel George. 2014. Nesting ecology of the Texas Diamondback Terrapin (*Malaclemys terrapin littoralis*). M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Amanda Anderson. 2014. The factors affecting productivity and parental behavior of American Oystercatchers in Texas. M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Alex Miller. 2014. Characterization of the Brazos River Estuary. M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Sybil Glenos. 2013. A comparative assessment of the genetic variation of diamondback terrapin (*Malaclemys terrapin littoralis*) in Galveston Bay, Texas in relation to other northern Gulf Coast populations. M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Daniel Barcenas. 2013. Use of Stable Isotope Analyses to describe Trophic Dynamics of Aquatic Ecosystems in Galveston Bay, Texas. M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Emma Clarkson. 2012. The Diamondback Terrapin – a comparison of nocturnal and diurnal activity, range, habitat selection, and behavior. M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Greg Knothe. 2012. The influence of urbanization on streams: the use of GIS spatial analysis to study land use influence on fish communities, water quality and physical habitats in Southeast Texas. M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Michael Franks. 2012. Determination of Spatial Patterns of Total Mercury Concentrations in Recreationally Important Offshore Fishes of the Gulf of Mexico. *M.S. Graduate Project*. University of Houston Clear Lake, Houston, TX
- Kelli Haskett. 2011. Abundance and movement of the Texas Diamondback Terrapin in the Deer Island complex, Galveston, Texas. M.S. Thesis. University of Houston Clear Lake, Houston, TX
- Diana Ramirez. 2008. The relationship between environmental characteristics and invasive fish species in selected tributaries within the Clear Lake watershed during summer months. *M.S. Graduate Project Report*. University of Houston Clear Lake, Houston, TX
- Julie Sandefur. 2008. Evaluation of the influence of various stream substrates on fish communities within Harris County. *M.S. Graduate Project Report*. University of Houston Clear Lake, Houston, TX
- Thesis and Dissertation Committee Member:*
- J.W. Kennedy. 1999. Stratigraphic evidence for the occurrence of flooding on the Brazos River, Old River Ranch Meander Bend, Burlison County, Texas. M.S. Thesis. University of Houston, Houston, TX
- Beth Silvy. 2015. Determining factors affecting Dermo disease (*Perkinsus marinus*) in populations of Eastern oysters (*Crassostrea virginica*) in Galveston Bay, Texas (Co-chair with Dr. Fran Gelwick). M.S. Thesis. Texas A&M University, College Station.
- Jenny Oakley. 2019. Coastal Health Index for the Northern Gulf of Mexico: Moving towards Meaningful Ecosystem Based Management. (Co-chair with Dr. Fran Gelwick) Ph.D. Dissertation. Texas A&M University, College Station.

Current Graduate Student Research Supervision

University of Houston Clear Lake - 7

Emily Cox – Enrolled Fall 2020 – Microplastics in Galveston Bay.

Grey Dennis – Enrolled Fall 2019 – Dwarf Seahorse Genetics

Kaylei Chau – Enrolled Fall 2019. Constructed Floating Wetland Treatment Systems.

Jason Nagro – Enrolled Summer 2020. Assessment of Western Chicken Turtle using Drone Technology

Danielle DeChellis – Enrolled Fall 2020. Analysis of population status of Western Chicken Turtle in Texas

Pierce Kean – Enrolled Fall 2021. Population assessment of American Eel in Texas using eDNA and plankton sampling.

Kelly Garcia – Enrolled Fall 2021. Assessment of Alligator Snapping Turtle Populations in Texas.

Academic Courses Taught – UHCL (1993-98 and 2004-Present)

Graduate:

Research Project and Seminar in Biology - BIOL 6838. 3hrs.

Wetlands – GEOL/ENSC 5333. 3hrs.

Coastal and Estuarine Ecology – BIOL 5532. 3hrs.

Limnology and Aquatic Biology – BIOL 5537 and ENSC 5235. 3hrs.

Limnology and Aquatic Biology Lab – BIOL 5517 1 hr

Population and Community Dynamics – BIOL 5234. 3 hrs.

Ichthyology – BIOL 5235. 3 hrs.

Ichthyology Lab – BIOL 5215. 1 hr.

Water Management – ENVR 5532. 3 hrs

Undergraduate: (1993-98 and 2004-Present)

Freshwater Biology – BIOL 4314 3 hrs.

Freshwater Biology Lab – BIOL 4314 1 hr.

Marine Biology – BIOL 3311. 3 hrs.

Biology of Fishes – BIOL 4313. 3 hrs.

Biology of Fishes Lab – BIOL 4113. 1 hr.

Seminar in Biology – BIOL 4728. 3 hrs.

Ecology – BIOL 4311. 3 hrs.

Courses Taught – Texas A&M University (Galveston Campus - 1991-94 and 2005-2018)

Undergraduate:

Marine Fisheries Management – MARB 445. 3 hrs

Fisheries Population Dynamics– MARB 460. 4 hrs (3 lect/3 lab)

Graduate:

Marine Biological Resources MARB 620. 3 hrs.

Courses Taught – University of Houston (1998 – 2 semesters)

Undergraduate:

Ecology – BIOL 4311. 3 hrs.

Courses Taught – San Jacinto College South (1995-96; – 3 semesters)

Undergraduate:

Zoology – 3hrs

Courses Taught – Texas A&M University (1982-1983) Lab TA**Undergraduate:**

Freshmen Biology Laboratory – 1hrs (2 session per semester – 3 semesters)

Faculty Service: University Committees

IACUC member 2005-present

Environmental Science Program Committee – 2005-present

Biology Program Committee – 2005 – present

SCE Dean's Search Committee - 2012

Geology Faculty Search Committee – 2010-14

Biology Faculty Search Committee – 2010

ENSC Instructor Search Committee – 2016

ENSC Faculty Promotion Committee - 2017

ENSC Faculty Promotion and Tenure Committee – 2019

Provost Search Committee - 2018

Service: Recent External Reviewer Experience - Journals

Texas Academy of Science

Journal of Coastal Research

American Fisheries Society

Coastal and Estuarine Research Federation

Service: Recent External Agency Experience - Project Review Panel

Texas SeaGrant

Texas Water Development Board – Galveston Bay Studies

TCEQ Galveston Bay Estuary Program – Galveston Bay Studies

Service: Recent External Reviewer Experience - Research Project Proposals

NOAA MARFIN

NOAA Salton-Kennedy Competitive Research Program

Galveston Bay Estuary Program

Service: Recent Program Reviewer Experience

USGS/Oklahoma State University – Southeastern Central Climate Center – AFS Committee

Service: Professional Affiliations

Chair of Local Arrangements – Southern Division of the American Fisheries Society – January 2019 Meeting, Galveston, TX.

Chair of the Galveston Bay Estuary Program- Monitoring and Research Committee

Member of the Galveston Bay Estuary Program – Water Quality Committee

Member of the Galveston Bay Estuary Program – Natural Resource Committee

Past Chair: Freshwater Science Section of the Texas Academy of Science – 2015-2016.

Past Chair: Marine Science Section of the Texas Academy of Science – 2016 - present
 Past President – Texas Chapter of the American Fisheries Society – 2011-2013.
 Past President - Humboldt Chapter of the American Fisheries Society – 2001-2002
 Past Member of the Gulf of Mexico Fishery Management Council - Interagency Scientific and Statistical Advisory Committee 1993-1997 and 2005-2009.
 Past Member of the Interagency Klamath River Technical Advisory Team (stock assessment and harvest management advisory committee). 2000-2004
 Member of the American Institute of Fishery Research Biologists
 Member of the American Fisheries Society (AFS)
 Member of the Education, Water Quality and Early Life History Sections of AFS.
 Member of the Pollution Committee of the Southern Division of the AFS - (Chairman 1988-1991; 2015-19)
 Member of the Ecological Society of America
 Member of the Society of Environmental Toxicologists and Analytical Chemists
 Member of the American Society of Ichthyologists and Herpetologists
 Member of the American Water Resources Association
 Member of the Society of Wetland Scientists
 Member of the Association of Limnologists and Oceanographers
 Member of the Coastal and Estuarine Research Federation
 Member of the Texas Academy of Science
 Member of Interagency HGAC Clean Rivers Program Advisory Committee
 Past Member of the Joint MMS/Industry Deep-Water Spill Modeling Group
 Past Co-chair of the Interagency Klamath River Instream Flow Study Technical Advisory Group.
 Past Member of the Dioxin TMDL Stakeholder Group
 Member of the Trinity and San Jacinto Rivers and Galveston Bay Basin and Bay Expert Science Team (BBEST) – Environmental Flows Committee: 2008-present.
 Member of the Brazos River (BBEST) – Environmental Flows Committee: 2011-present.
 Past Member of the Gulf of Mexico Alliance Nutrients Task Force
 Past Member of the Gulf of Mexico Alliance Water Quality Task Force
 Member of the Gulf of Mexico Alliance Wildlife and Fisheries Work Group
 Member of the Gulf of Mexico Alliance Water Resources Work Group
 Member of the Gulf of Mexico Alliance Monitoring and Data Work Group
 Member of the American Fisheries Society Continuing Education Committee
 Member of the SETAC Continuing Education Committee
 Member of the Houston-Galveston Area Riparian Restoration Expert Panel – Houston Galveston Area Council

Professional Certifications and Recognition: Year Awarded

AFS Certified Fisheries Scientist- 1988
 ESA Certified Senior Ecologist - 1997
 Award of Special Recognition – Western Division of the American Fisheries Society. 2004.
 Who's Who among Americas Teachers. 1998. ID# 1753928-5C1-0-11711
 Award of Special Recognition – Fisheries Educator – Texas Chapter of the AFS -2013
 Award of Recognition – President TCAFS – Texas Chapter of the AFS – 2013
 Faculty Research Million Dollar Club – UHCL – 2014
 Nominated for the UHCL Piper award for teaching by students – 2013.
 Faculty Research 5 Million Dollar Club – UHCL – 2018

Professional Development: Courses and Year Completed.

YMCA Scuba diving course- Basic Certification: 1976.
 Water Pollution Abatement from Oil field wastes. Workshop- Texas Railroad Commission: 1984.
 Oil Spill Control Course- Texas A&M Extension Service: 1984.
 Hazardous Material Control Course- Texas A&M Extension Service: 1986.

State of Texas Governors - First-line Management School: 1986. Austin, Texas.
 S.L. Ross - MIRG Dispersant Use Workshop. Austin, Texas 1986.
 Hazardous Waste Management Course - Texas A&M Extension Service. 1987. Houston, Texas.
 Boating Safety Course. USPS. 1988. Houston, Texas.
 U.S. Dept. of Interior. 1988. Natural Resource Damage Assessment Training Session- Austin, Texas 1988.
 EPA Rapid Bioassessment Workshop- Denton, Texas 1989.
 University of North Texas Effluent Biomonitoring Workshop- Denton, Texas 1989.
 EPA Rapid Bioassessment Seminar- Bandera, Texas 1989.
 USFWS HEP Certified Training Course - Fort Collins, CO 1990.
 Wetlands Training Institute - Wetland Delineation Training Course - Houston, TX 1991.
 EPA Water Quality Standards Academy - Minneapolis, MN 1995
 Design of Water Quality Monitoring Systems - CSU, CO 1995
 Fish Disease Short course: USFWS. Va. Tech. Blacksburg, Va. 1997.
 Field Methods for Physical Habitat Simulation System: IFIM Course National Biological Survey. CSU. 1997.
 Basics of Ecological Risk Assessment - SETAC Conference 1998. Hartford, CT.
 Fish Histology Short Course: USFWS. Shepherdstown, WV 1998
 Scientific Training for Oil and Chemical Spills. 1999. NOAA HAZMAT. Seattle, WA.
 Ecological Risk Assessments of Oil Spills Workshop 1999 - NOAA. International Oil Spill Conf. Seattle, WA.
 Instream flow modeling using RHABSIM. 2000. FWS. Sacramento.
 Multivariate Statistical Analysis. 2000. FWS-NCTC. Sacramento.
 Stream Habitat Assessment - 2001. FWS-NCTC Shepherdstown, WV
 2D Instream Flow Assessment Models - 2001. USGS, Fort Collins, CO.
 Assessment of Fish Health 2001. USFWS Contaminants Workshop. FWS. Yosemite, CA.
 Otolith Evaluation Techniques. USFWS Contaminants Workshop. 2001. FWS. Yosemite, CA.
 Applied Fluvial Geomorphology - 2002. FWS-NCTC. Shepherdstown, WV.
 Geostatistics for environmental, ecological, and site characterization studies. SETAC Conference. 2002.
 Analysis of Telemetry Data - 2002. FWS-NCTC Shepherdstown, WV
 EcoPath Modeling Workshop. National Marine Fisheries Service. December 2004. Galveston, Texas.
 Index of Hydrological Alteration. November 2005. Nature Conservancy. San Marcos, Texas.
 Early Life History of Marine Fishes. (3 week workshop). August 2006. University of New England, Maine.
 Larval Fish Sampling and Identification Workshop. September 2006. AFS. Paul Smith College, NY.
 Introduction to Aquatox. SETAC. 2008. Tampa, Florida.
 HEP Procedures. USFWS. 2008. Houston, Texas
 Introduction to MesoHabSim. Instream Flow Council Meeting. 2008 San Antonio, Texas.
 EcoPath with EcoSim Modeling Workshop. 2009. University of British Columbia, Vancouver, B.C., Canada.
 Introduction to the R programming for fisheries scientists. 2009. Annual Meeting of the American Fisheries Society, Nashville, TN.
 Introduction to Instream Flow Analysis using IHA and HEFR. TPWD. 2009. Austin, Texas
 Use of Non-destructive methods for sampling contaminants in Wildlife. 2009. SETAC Workshop. N.O., La.
 EcoPath with EcoSim Modeling Workshop. 2009. University of British Columbia, Vancouver, B.C., Canada.
 Taxonomy and Ecology of Freshwater Algae. 2009, Part 1: Green Algae. San Marcos, Texas.
 Taxonomy and Ecology of Freshwater Algae. 2010, Part 2: Diatoms and Dinoflagellates. San Marcos, Texas.
 Taxonomy and Ecology of Freshwater Algae. 2011, Part 3: Algal Ecology. San Marcos, Texas.
 Surgical Techniques for Fishes. 2011. American Fisheries Society Meeting. Pittsburgh, PA.
 Multivariate Analysis of Community Data with PC-ORD training workshop. 2012. J.E. Peck. Oregon.
 PRIMER multivariate analysis training workshop. 2012. Jacksonville, FL
 Fish Population Dynamics – 2013. USFWS NCTC. Stockton, CA
 Non-destructive Genetic Analysis Methods – 2013. Smithsonian-Mason School of Conservation. Front Royal, VA
 Freshwater Mussel Identification and Ecology Workshop – 2014. 3rd Annual Mussel Symposium, Kerrville, TX
 Applied Environmental Statistics – 2014. Practical Stats. College Station, TX
 Foundational Workshop on Critical Thinking and Teaching for Critical Thinking – 2014. UHCL. Houston, TX.
 Chemical Immobilization of Animals (16 hrs.) March 15, 2015, Safe Capture International Inc. Brenham, TX.
 Estimating Animal Abundance and Occupancy MCCA 0511 (April 27-May 8, 2015). Smithsonian-Mason School of Conservation. Front Royal, VA.

Bayesian Methods in Fisheries Science - I and II. Portland, Oregon. AFS Annual Meeting. August 2015.
PRIMER v7 multivariate analysis training workshop. 2015. Seattle, WA
Advanced PRIMER v7 multivariate analysis training workshop. 2016. Corpus Christi, TX.
UAV Workshop – Southwest Stream Restoration Conference. 2016. San Antonio, TX.
PERMANOVA Training workshop. College of William and Mary. 2017.
PC-ORD. Training Webinar (5 days). 2017.
Mental Health First Aid for Students (1 day). UHCL. 2019.