



CURRICULUM VITAE

Lisa A. Gonzalez
President and Chief Executive Officer
Houston Advanced Research Center (HARC)
4800 Research Forest Drive, The Woodlands, Texas 77381
Phone (281) 364-6044
Email lgonzalez@HARCresearch.org

Professional Experience:

President and Chief Executive Officer, Houston Advanced Research Center,
The Woodlands, Texas, 2016-present

Vice President and Chief Operating Officer, Houston Advanced Research Center,
The Woodlands, Texas, 2012-2016

Research Scientist, Houston Advanced Research Center,
The Woodlands, Texas, 2004-2012

Research Associate, Houston Advanced Research Center,
The Woodlands, Texas, 2003-2004

Research Associate, Environmental Institute of Houston,
University of Houston-Clear Lake, Houston, Texas, 2000-2003

Graduate Research Assistant, Environmental Institute of Houston,
University of Houston-Clear Lake, Houston, Texas, 1998-2000

Operations Manager, Institute of Marine Life Sciences,
Texas A&M University at Galveston, Galveston, Texas, 1994-1997

Education:

Master of Science, Environmental Management, 2000
University of Houston-Clear Lake, Houston, Texas

Bachelor of Science, Marine Fisheries, 1992
Texas A&M University at Galveston, Galveston, Texas

Publications:

Gonzalez, L.A., J.S. Jacob, E.L. Kinney, R.R. DaVanon. 2014. Galveston Bay Wetland Mitigation Assessment and Local Government Capacity Building Final Report. Texas General Land Office. Austin, Texas. 101 pp. <http://www.harcresearch.org/publication/725>

Glenn, S., **Gonzalez, L.**, Guven, B. and Weeks, P. 2013. Developing a Scorecard for Aquarium Species Invasion Potential Final Report. Texas Parks and Wildlife Department. Austin, TX. 75 pp.

Lester, L.J., **L. A. Gonzalez**, and P. Weeks. 2013. Ecosystem-based management of Galveston Bay, Texas. In: [Day, J.W. and A. Yáñez-Arancibia Eds.]. Gulf of Mexico Origin, Waters, and

Biota, Volume 4: Ecosystem-Based Management. Texas A&M University Press. College Station, Texas. 460 pp.

Weeks, P., L. Miller, **L. Gonzalez**, S. Glenn. 2012. Freshwater Aquarium Hobbyists and Invasive Species in the Houston-Galveston Region Final Report. Texas Parks and Wildlife Department. Austin, TX. 257 pp. <http://www.harcresearch.org/publication/695>

Gonzalez, L.A., L. J. Lester. 2011. State of the bay: A characterization of the Galveston Bay ecosystem, Third Edition. Texas Commission on Environmental Quality, Galveston Bay Estuary Program. Houston, Texas. 356 pp.
<http://www.galvbaydata.org/StateoftheBay/tabid/1846/Default.aspx>

Gonzalez, L. A. and K. Frost. 2010. The quiet invasion: a guide to invasive animals of the Galveston Bay area. Texas Commission on Environmental Quality, Galveston Bay Estuary Program, Houston, Texas. 48 pp. www.galvbayinvasives.org.

Lester, L. J. and **L. A. Gonzalez**. 2008. Status and Trends Database Maintenance Project Final Report. Galveston Bay Estuary Program. Webster, Texas: 120 pp.
<http://www.galvbaydata.org/Home/Reports/tabid/210/Default.aspx>

Gonzalez, L. A. and B. Christoffersen (Editors). 2006. The Quiet Invasion: A Guide to Invasive Plants of the Galveston Bay Area. Galveston Bay Estuary Program, Houston, Texas. Online www.galvbayinvasives.org.

Lester, L. J. and **L. A. Gonzalez**. 2006. Status and Trends Database Maintenance Project Final Report. Galveston Bay Estuary Program. Webster, Texas: 128 pp.
<http://www.galvbaydata.org/Home/Reports/tabid/210/Default.aspx>

Lester, L.J. and **L. A. Gonzalez**. 2005. Galveston Bay Indicators Project Final Report. Galveston Bay Estuary Program. Webster, Texas.
<http://www.galvbaydata.org/Home/Reports/tabid/210/Default.aspx>

Lester, L.J. and **L. A. Gonzalez**. 2004. Galveston Bay Invasive Species Risk Assessment Project Final Report. Galveston Bay Estuary Program. Webster, Texas.
<http://www.galvbaydata.org/LivingResources/InvasiveSpecies/RiskAssessment/tabid/368/Default.aspx>

Lester, L.J. and **L. A. Gonzalez**. 2003. Status and Trends Database Maintenance Project Final Report. Galveston Bay Estuary Program. Webster, Texas.
<http://www.galvbaydata.org/Home/Reports/tabid/210/Default.aspx>

Lester, L.J. and **L. A. Gonzalez**. 2002. Status and Trends Database Maintenance Project Final Report. Galveston Bay Estuary Program. Webster, Texas.

Lester, L.J. and **L. A. Gonzalez** (Editors). 2002. The State of the Bay: A Characterization of the Galveston Bay Ecosystem. Galveston Bay Estuary Program Publication GBEP T-7. Webster, Texas.

Lester, L.J. and **L. A. Gonzalez** (Editors). 2001. Ebb & Flow: Galveston Bay Characterization Highlights. Galveston Bay Estuary Program Publication GBEP T-6 (GI - 279/EV). Webster, Texas.

Selected Presentations:

Gonzalez, L. A. and L. J. Lester. 2016. The state of Galveston Bay: challenges and successes of the past and present twenty years of plan implementation and partnership. State of the Bay Symposium, Galveston Texas, January 13, 2016.

Gonzalez, L.A. Galveston Bay Report Card. Texas Association of Environmental Professionals. Houston, Texas. March 18, 2015.

Gonzalez, L.A. Aquarium Fish Invasion Potential Scorecard (AFIPS). Texas Invasive Plant and Pest Conference. Port Aransas, Texas. February 27, 2014.

Gonzalez, L. A., J. S. Jacob, R. DaVanon, E. Kinney, B. Neish. Assessing No Net Loss and building the capacity of local governments in an urban estuary – a Galveston Bay case study. 22nd Biennial Conference of the Coastal and Estuarine Research Federation. San Diego, California. November 3-7, 2013.

Gonzalez, L. A. and S. Glenn. 2013. Invasive species initiatives in the Houston-Galveston region. Texas Invasive Coordinating Committee. Austin, Texas. March 12, 2013.

Gonzalez, L. A., P. Weeks, S. Glenn, L. Miller, N. vonHedemann, I. Fitch, M. Monticino, and H. Prestridge. Incorporating human and ecological dimensions of aquarium species release: an invasion potential scorecard. Texas Chapter of the American Fisheries Society, Annual Meeting. Galveston, Texas. February 9-11, 2012

Gonzalez, L. A. Natural capital habitats of the Houston Region. The National Academies Workshop: Pathways to Urban Sustainability: A Focus on the Houston Metropolitan Region. Houston, Texas. National Academy of Sciences. January 18-19, 2012

Gonzalez, L. A., P. Weeks, S. M. Glenn, N. vonHedemann, I. M. Fitch, H. L. Prestridge, and M. Monticino. An invasion potential scorecard: incorporating the human and ecological dimensions of aquarium species release. 21st Biennial Conference of the Coastal and Estuarine Research Federation. Daytona Beach, Florida. November 6-10, 2011.

Weeks, P. and **L. A. Gonzalez.** An invasion potential scorecard: incorporating the human and ecological dimensions of aquarium species release. Gulf States and South Atlantic Panel on Aquatic Nuisance Species, Austin, Texas, October 4, 2011.

Gonzalez, L. A. and L.J. Lester. A review of historical Galveston Bay contaminants data. 9th Biennial State of the Bay Symposium. Galveston, Texas. January 12-14, 2009.

Lester, L.J. and **L. A. Gonzalez.** An alternative approach to addressing freshwater inflow management. 9th Biennial State of the Bay Symposium. Galveston, Texas. January 12-14, 2009.

Lester, L.J. and **L. A. Gonzalez.** The state of the bay: an update on the state of the ecosystem, successes, and challenges ahead. 9th Biennial State of the Bay Symposium. Galveston, Texas. January 12-14, 2009.



L. A. Gonzalez, L.J. Lester, and S.R. Johnston. Ecosystem Indicators Developed for a Texas-sized Urban Estuary: The Galveston Bay Indicator Framework. Estuarine Research Federation Conference, Providence, Rhode Island. November 4-8, 2007.

L. A. Gonzalez, L.J. Lester, and W. Alvis. Bacterial Pathogens in the Lower Galveston Bay Watershed: GIS Analysis of Station Level Water Quality Indicators. EPA Water Quality Monitoring and Assessment Seminar, Bandera, Texas. April 30 - May 2, 2007.

L. A. Gonzalez, L.J. Lester, and W. Alvis. Through a Glass Darkly: Past, Present, and Future Wetland Change. 8th Biennial State of the Bay Symposium. Galveston, Texas. January 23-25, 2007.

Lester, L.J. and **L. A. Gonzalez**. The State of the Bay: An Update on the State of the Ecosystem, Successes, and Challenges Ahead. 8th Biennial State of the Bay Symposium. Galveston, Texas. January 23-25, 2007.

Gonzalez, L. A., J. DallaRosa, L. Robinson. Invasive Species Initiatives in the Galveston Bay Estuary: Risk Assessment, Research, Management and Outreach. 14th International Conference on Aquatic Invasive Species, Key Biscayne, Florida, May 14-19, 2006.

Gonzalez, L. A., L.J. Lester, and J. DallaRosa. A Comparative Risk Assessment of Invasive Species in the Lower Galveston Bay Watershed. Texas Invasive Plant Conference, Austin, Texas. November 17-18, 2005.

Gonzalez, L. A., L.J. Lester, and J. DallaRosa. Comparative Risk of Invasive Species in the Lower Galveston Bay Watershed. 5th Biennial Texas Coastal Issues Conference, Corpus Christi, Texas. March 10-12, 2004.

Lester, L.J. and **L. A. Gonzalez**. Appropriate Spatial Scale for Assessment of Trends in Monitoring Data. EPA Water Quality Monitoring and Assessment Seminar, Bandera, Texas. February 24-26, 2003.

Lester, L.J. and **L. A. Gonzalez**. Trends in Water and Sediment Quality and Living Resource Abundance in Tributaries and Sub-Bays of Galveston Bay. Galveston Bay Estuary Program State of the Bay Symposium VI Plenary Session. League City, Texas. January 14-16, 2003.

Lester, L.J. and **L. A. Gonzalez**. Anomalous Trends in a Meta-analysis of the Phytoplankton-based Food Webs of Galveston Bay. The Coastal Society 18th International Conference, Converging Currents: Science, Policy and Culture at the Coast. Galveston, Texas. May 19 - 22, 2002.

Lester, L.J. and **L. A. Gonzalez**. Galveston Bay Characterization Highlights. Galveston Bay Estuary Program State of the Bay Symposium V. Galveston, Texas. January 31-February 2, 2001.

Gallaway, A. and **L. A. Gonzalez**. 2001. History of Natural Resource Use in Galveston Bay. Poster presentation. Galveston Bay Estuary Program State of the Bay Symposium V. Galveston, Texas. January 31-February 2, 2001.

Invited Lectures:

Texas Southern University, Barbara Jordan and Mickey Leland School of Public Affairs, Environmental Monitoring and Assessment, “The State of the Bay: A Characterization of the Galveston Watershed”, September 13, 2011.

University of Houston-Clear Lake, School of Education, “The State of the Bay: A Characterization of the Galveston Watershed”, March 8, 2007.

Funded Projects:

Current Support:

PI: Toward Wetland Protection in the Houston-Galveston Region: Assessing Mitigation Practices and Facilitating Watershed-Based Decision Making, Texas General Land Office.

PI: “Galveston Bay Report Card”, Houston Endowment, Grant.

Co-PI: “Southeast Harris County Water Quality Improvement Project”, Harris County/US Fish and Wildlife Service Coastal Impact Assistance Program.

Past Support:

PI: “Galveston Bay Wetland Mitigation Assessment and Local Government Capacity Building”, Texas General Land Office/NOAA.

PI: “Galveston Bay Status and Trends Project FY2008-2011 and State of the Bay: A Characterization of the Galveston Bay Ecosystem, 3rd Edition”, TCEQ Galveston Bay Estuary Program.

PI: "The Quiet Invasion II: A Guide to Invasive Animals of the Lower Galveston Bay Watershed", funded by the TCEQ Galveston Bay Estuary Program.

PI: Texas Coastal Management Performance Measurement System FY 2008, Texas GLO Coastal Management Program and NOAA.

PI: Texas Coastal Management Performance Measurement System FY 2007, Texas GLO Coastal Management Program and NOAA.

Co-PI (with Priscilla Weeks, HARC): Aquatic Nuisance Species Workshop (FY2007) - Reaching Out to Aquatic Species Industries, funded by the Gulf States Marine Fisheries Commission and the Gulf of Mexico Regional Panel on Aquatic Nuisance Species.

PI: Galveston Bay Status and Trends Project FY2007, TCEQ Galveston Bay Estuary Program.

Co-PI: Texas Invaders Citizen Science Monitoring Program/Houston-Galveston Regional Satellite FY2007, USFWS Texas Coastal Program.

PI: "The Quiet Invasion: A Guide to Invasive Plants of the Lower Galveston Bay Watershed", funded by the TCEQ Galveston Bay Estuary Program.

Meeting Facilitation Activities:

Invasion Potential Scorecard for Aquarium Species, Houston, Texas, September 19, 2013, Co-facilitator.

Galveston Bay Ecosystem Services Workshop, Galveston Bay Estuary Program, The Woodlands, Texas. September 27-28, 2011, Co-facilitator.

Texas Coastal Management Performance Measurement System Workshops, Austin, Texas, Houston, Texas, Corpus Christi, Texas, Spring 2007. Facilitator.

Rio Grande Fisheries Workshop, USGS National Biological Information Infrastructure, February 1-2, 2005, El Paso, Texas. Facilitator.

Galveston Bay Ecological Indicator Development Workshop, Galveston Bay Estuary Program, 2003, Houston, Texas. Co-facilitator.

Galveston Bay Invasive Species Risk Assessment Workshops, Galveston Bay Estuary Program, 2003, Houston, Texas. Co-facilitator.

Galveston Bay Freshwater Inflows Group, Galveston Bay Estuary Program, 1999-2002, Houston, Texas. Co-facilitator.

Houston Ship Channel Dioxin Total Maximum Daily Load Project, Houston-Galveston Area Council, 2000-2002, Houston, Texas. Co-facilitator.

White Oak and Buffalo Bayou Bacteria Total Maximum Daily Load Project, Houston-Galveston Area Council, 2000-2002, Houston, Texas. Co-facilitator.

Professional Activities:

- Vice Chair, Gulf of Mexico Regional Panel on Aquatic Nuisance Species
- Gulf Coast Cooperative Ecosystem Study Unit
- Technical Advisory Committee, Texas General Land Office
- Regional Conservation Plan Task Force, Houston Wilderness
- Advisory Council, Galveston Bay Foundation
- Research and Monitoring Subcommittee, Texas Commission on Environmental Quality - Galveston Bay Estuary Program

Professional Societies:

- American Fisheries Society
- Coastal and Estuarine Research Federation
- Texas Association of Environmental Professionals
- American Association for the Advancement of Science