

David W. Yoskowitz, Ph.D.

Harte Research Institute for Gulf of Mexico Studies
Texas A&M University-Corpus Christi

6300 Ocean Drive
Corpus Christi, TX 78412

361.825.2966

david.yoskowitz@tamucc.edu

EDUCATION

Ph.D., Economics, Texas Tech University, August, 1997
Fields: •Environmental & Natural Resource Economics •Public Finance
•Applied Microeconomics (Industrial Organization & Managerial)
M.A., Economics, Texas Tech University, 1994
B.S., Economics and Finance, Bentley College, 1990

PROFESSIONAL EXPERIENCE

HRI Endowed Chair for Socio-Economics, 2010-
Harte Research Institute, Texas A&M University-Corpus Christi.
Chief Economist, July 2014 – July 2015.
National Oceanic and Atmospheric Association (NOAA)
Professor of Environmental Economics, 2012-
College of Science and Engineering, Texas A&M University-Corpus Christi
Professor of Economics, 2008 -
College of Business, Texas A&M University-Corpus Christi
Expert, Ecosystem Services Research Program, Environmental Protection Agency
2008-2012
HRI Endowed Research Professor for Socio-Economics, 2008-2009
Harte Research Institute for Gulf of Mexico Studies
Associate Professor, Texas A&M University - Corpus Christi, 2002 - 2008
Harte Research Associate, Harte Research Institute for Gulf of Mexico Studies, Texas
A&M University-Corpus Christi, 2006 - 2008
Assistant Professor, Texas A&M International University, Fall 1999 - Spring 2002
Visiting Assistant Professor, Texas Tech University, Fall 1997 - Spring 1999
Lecturer, Texas Tech University, Spring 1997
Instructor, Texas Tech University, Fall 1992 through Fall 1996

RESEARCH INTERESTS

Socio-Economic Environment of Gulf of Mexico region; Ecosystem Services; Market and Non-market Valuation; Micro and Small Enterprise Development; Environmental and Water Markets; Border Economics; Development Microeconomics in Latin America.

COURSES TAUGHT

Environmental and Sustainability Economics (graduate), Macroeconomic Theory (graduate), Managerial Economics (graduate and undergraduate), Economic Concepts (graduate), Environmental and Resource Economics, Intermediate Macroeconomics, Principles of Microeconomics, Principles of Macroeconomics, Economics and Society

Updated August 1, 2014

GRADUATE STUDENTS & POSTDOCTORAL SUPERVISION

<u>Current Students</u>	<u>Degree</u>	<u>Expected Graduation Date</u>
Lauren Hutchison	Ph.D.	2015 (supervisor)
Eleonor Barraza	Ph.D.	2013
Brittany Blomberg	Ph.D.	2013
Travis Washburn	Ph.D.	2015
Mayra Lopez	M.S.	2014 (supervisor)
Sarah Araujo	M.S.	2016 (supervisor)

<u>Graduate Student Committees</u>	<u>Degree</u>	<u>Graduated</u>
Mariana Gonzalez	M.S.	2013 (supervisor)
Jeff Francis	Ph.D.	2012 (co-supervisor)
Rebecca Gillum	M.S.	2012 (supervisor)
Kathleen Welder (Knauss Fellow)	M.S.	2011 (supervisor)
Gail Sutton	M.S.	2011
Amanda Baker	M.S.	2010 (co-supervisor)
Ali McKenzie	M.S.	2009
Noela Oliveira Garza	M.S.	2008
Mikell Smith	M.S.	2008

Postdoctoral Fellows

Dr. Jorge Brenner 2008-2009

JOURNAL PUBLICATIONS

Shepard, A.N., J. F. Valentine, C.F. D'Elia, D.W. **Yoskowitz**, and D. E. Dismukes. 2013. Economic Impact of Gulf of Mexico: Integrating Ecosystem Service Values into Restoration Decision-making. *Gulf of Mexico Science*. 31:10-27.

Hutchison, L., P. Montagna, D.W. **Yoskowitz**, D. Scholz, and J. Tunnell (in press). Stakeholder Perceptions of Coastal Habitat Ecosystem Services. *Estuaries and Coasts*. DOI: [10.1007/s12237-013-9647-7](https://doi.org/10.1007/s12237-013-9647-7)

Carollo, C., R. Allee, D.W. **Yoskowitz**. 2013. Linking the Coastal and Marine Ecological Classification Standard (CMECS) to ecosystem services: An application to the U.S. Gulf of Mexico. *International Journal of Biodiversity Science, Ecosystem Services & Management*. Vol. 9, No. 3 pp: 249-256 DOI: [10.1080/21513732.2013.811701](https://doi.org/10.1080/21513732.2013.811701)

Beseres Pollack, J., D.W. **Yoskowitz**, H.C. Kim, and P. Montagna. 2013. Role and value of nitrogen regulation provided by oysters (*Crassostrea virginica*) in the Mission-Aransas Estuary, Texas, USA. *PLoS ONE* 8(6). e65314. doi:[10.1371/journal.pone.0065314](https://doi.org/10.1371/journal.pone.0065314)

Wetz, M.S. and D.W. **Yoskowitz**. 2013. An 'extreme' future for estuaries? Effects of extreme climatic events on estuarine water quality and ecology. *Marine Pollution Bulletin*. Vol. 69, No. 1-2. pp: 7-18.

Pisani, M.J. and D.W. **Yoskowitz**. 2012. A Study of Small Neighborhood Tienditas in Central America. *Latin American Research Review*. Vol. 47, No. SI. pp. 116-138.

Santos, C.P., C. Carollo, and D.W. **Yoskowitz**, 2012. Gulf of Mexico Ecosystem Service Valuation Database (GecoServ): Gathering ecosystem services valuation studies to promote their inclusion in the decision-making process. *Marine Policy*. Vol. 36, No. 1.

Jordan, S., S. Hayes, D. **Yoskowitz**, L. Smith, J. Summers, M. Russell, and W. Benson, 2010. Accounting for natural resources and environmental sustainability: Linking ecosystem services to human well-being, *Environmental Science & Technology* 44:1530-1536.

Hudgins, D. and D.W. **Yoskowitz**, 2010. International Trading of Emissions Rights: Pricing under Accountability and Uncertainty, *The International Trade Journal*, Vol. 24, No. 4.

Pisani, M.J. and D. W. **Yoskowitz**, 2010. The Efficacy of Microfinance and the Sectoral Level: Urban *Pulperias* in Matagalpa, Nicaragua. *Perspectives on Global Development and Technology* Vol. 9, No. 3/4.

Loess, K., V. Miller, and D.W. **Yoskowitz**, 2008. Offshore employment practices: An empirical analysis of routines, wages and labour turnover, *International Labour Review*, Vol. 147, No. 2/3.

Pisani, M.J., D. W. **Yoskowitz**, and J. Brusa, 2008. The Retail Travels of the U.S. Greenback: A Comparative Study of Currency Substitution along the U.S.-Canadian and U.S.-Mexican Borders, *The International Trade Journal*, Vol. 22, No. 3.

Yoskowitz, D.W. and M.J. Pisani, 2007. Risk and Reward: Currency Substitution and Acceptance of the Mexican Peso by Firms in the United States Southern Frontier, *Quarterly Review of Economics and Finance*, Vol. 47, No. 3.

M.J. Pisani and D.W. **Yoskowitz**, 2006. Does the Canadian Dollar Travel South? An Examination of Currency Substitution along the U.S. - Canadian Border, *Mid-American Journal of Business*, Vol. 21, No. 2.

M.J. Pisani and D.W. **Yoskowitz**, 2006. Opportunity Knocks: Entrepreneurship, Informality & Home Gardening in South Texas, *Journal of Borderlands Studies*, Vol. 21, No. 1.

M.J. Pisani and D.W. **Yoskowitz**, 2005. In God We Trust: A Qualitative Study of Church-Sponsored Microfinance at the Margins in Nicaragua, *Journal of Microfinance*, Vol. 7, No.2.

M.J. Pisani and D.W. **Yoskowitz**, 2005. Grass, Sweat, and Sun: An Exploratory Study of the Labor Market for Gardeners in South Texas, *Social Science Quarterly*, Vol. 86, No. 1.

M.J. Pisani and D.W. **Yoskowitz**, 2004. Microcredit and Micro and Small Enterprise Development in Belize, Central America: A Qualitative Study of the Small Farmers and Business Bank Ltd, *Latin American Business Review*, Vol. 5, No.1.

Hudgins, D. and D.W. **Yoskowitz**, 2004. Dollarization vs. Coordination: Policy for Small Countries Facing Dollar Dilemmas and Financial Liberalization, *Journal of Policy Modeling*, Vol. 26, No.2, 2004.

M.J. Pisani, D.W. **Yoskowitz**, and W. Label, 2003. Belize and Plan Puebla Panama: Prospects and Challenges, *Journal of Belizean Studies*, Vol. 25, No. 2.

Yoskowitz, D.W. and M.J. Pisani, 2002. Penetration of the Mexican Peso into U.S. Retail Operations: An Examination of Texas Firms along the Mexican Border, *Journal of Borderlands Studies*, Vol. 17, No. 2.

Yoskowitz, D.W., 2002. Price Dispersion and Price Discrimination: Empirical Evidence from a Spot Market for Water, *Review of Industrial Organization*, Vol. 20, No. 3.

M.J. Pisani, D.W. **Yoskowitz**, 2002. The Maid Trade: Cross-Border Work in South Texas, *Social Science Quarterly*, Vol. 83, No. 2.

M.J. Pisani, D.W. **Yoskowitz**, 2002. Dollarization, *Journal of Belizean Studies*, Vol 24., No 2.

Yoskowitz, D.W., J.R. Giermanski, and R. Pena-Sanchez, 2002. Influence of NAFTA on Socioeconomic Variables for the U.S.-Mexico Border Region, *Regional Studies*, Vol. 36, No. 1.

M.J. Pisani, D.W. **Yoskowitz**, 2001. Por Necesidad - Trans National Labor Movements, Informalities and Wage Determination: An Exploratory Study of Mexican Maids on the U.S. - Mexican Border, *Journal of Borderlands Studies*, Vol. 16, No. 1.

Yoskowitz, D.W., 2001. Price Differentials in a Homogenous Product Market: The Case of Water, *International Advances in Economic Research*, Vol. 7, No. 1.

Yoskowitz, D.W., 2001. Markets, Mechanisms, Institutions, and the Future of Water, *Environmental Law Reporter*, Vol. 31, No. 1.

Yoskowitz, D.W., 1999. Critical Analysis of the Texas Water Bank as a Marketing Institution, *Forum of the Association of Arid Land Studies*, Vol. 15, No 1.

Yoskowitz, D.W., 1999. Spot Market for Water Along the Rio Grande: Opportunities for Water Management, *Natural Resources Journal*, Vol. 39 No. 2.

Yoskowitz, D.W., 1998. Opportunities for Water Markets in Semiarid Environments: The Case of West Texas, *Forum of the Association of Arid Land Studies*. Vol. 14, No. 1.

J. Jonish, J. Lehr, and D.W. **Yoskowitz**, 1994. Water Banking as a Reallocation and Conservation Tool, *Forum of the Association of Arid Land Studies*, Vol. 10, No. 1.

BOOKS

National Research Council. 2013. An Ecosystem Services Approach to Assessing the Impacts of the Deepwater Horizon Oil Spill in the Gulf of Mexico. 350 pages. National Academies Press.

National Research Council. 2012. Approaches for Ecosystem Services Valuation for the Gulf of Mexico After the Deepwater Horizon Oil Spill. 128 pages. National Academies Press.

Water on the Great Plains: Issues and Policies, edited by P.J. Longo and D.W. **Yoskowitz**, 2002. Texas Tech University Press.

BOOK CHAPTERS

Yoskowitz, D.W., and P.A. Montagna, 2009. Socio-economic factors that impact the desire to protect freshwater flow in the Rio Grande, USA, in *Ecosystems and Sustainable Development VII*. Edited by C.A. Brebbia and E.Tiezzi. WIT Press

Yoskowitz, D.W., 2009. The Productive Value of the Gulf of Mexico, in *Gulf of Mexico Origins, Waters, and Biota: Ocean and Coastal Economy*. Edited by James Cato. TAMU Press.

Yáñez-Arancibia, A., J.J. Ramírez-Gordillo, J. W. Day, and D.W. **Yoskowitz**, 2009. Environmental Sustainability of Economic Trends in the Gulf of Mexico: What is the Limit for Mexican Coastal Development?, in *Gulf of Mexico Origins, Waters, and Biota: Ocean and Coastal Economy*. Edited by James Cato. TAMU Press.

Yoskowitz, D.W., 2002. Water for the Future: The Development of Markets in the Texas Plains, in *Water on the Great Plains: Issues and Policies*. Edited by P.J. Longo and D.W. Yoskowitz. Texas Tech University Press.

REPORTS

Yoskowitz, D.W., C. Carollo, J. Beseres-Pollack, C.P. Santos, K. Welder, and J. Francis. June 2012. Assessment of Changing Ecosystem Services Provided by Wetland Habitat in the Galveston Bay Region. March. 74 pages. Prepared for the Gulf of Mexico Foundation and the Gulf of Mexico Alliance Habitat Conservation and Restoration Priority Issue Team.

Yoskowitz, D.W., 2011. Statistical Analysis of Willingness to Pay to Protect Environmental Flow in Cypress Creek. October. 15 pages. Prepared for River Systems Institute, Texas State University.

Montagna, P.A., L.M. Hutchison, D. Scholz, T. Palmer, S. Arismendez, D. **Yoskowitz**, 2011. Nueces Estuary Ecosystem Management Initiative. July. 201 pages. Prepared for Coastal Bend Bays and Estuaries Program.

Yoskowitz, D.W., A. Lund, and C. Santos, 2011. Socio-Economic Characteristics of the U.S. Gulf of Mexico Region. July. Prepared for UNIDO Gulf of Mexico LME Project

Santos, C. and D.W. **Yoskowitz**, 2010. The Impacts of Climate Change on Transportation in Texas. June. 62 pages. Prepared for the Energy Foundation.

Santos, C. and D.W. **Yoskowitz**, 2010. Renewable Energy Potential in Texas. June. 69 pages. Prepared for The Energy Foundation.

Santos C. and D.W. **Yoskowitz**, 2010. The Impacts of Climate Change on Human Health in Texas. June. 54 pages. Prepared for The Energy Foundation.

Yoskowitz, D.W., J. Gibeaut, and A. Mckenzie, 2009. The Socio-Economic Impact of Sea Level Rise in the Galveston Bay Region. Prepared for Environmental Defense Fund.

Yoskowitz, D.W. and P.A. Montagna, 2008. An Economic Valuation of Freshwater Flow in the Lower Rio Grande. Prepared for the Houston Advanced Research Center/Meadows Foundation. January. 35 pages.

Yoskowitz, D.W. and P.A. Montagna, 2008. An Economic Valuation of Freshwater Inflow into San Antonio Bay. Prepared for the Houston Advanced Research Center/Meadows Foundation, January. 35 pages

Yoskowitz, D.W., M. Mathis, L. Cushion, P. Montagna, and E. Biltonen, 2007. The Economic Value of Water and Ecosystem Preservation in the Estuary and Coastal Wetlands of San Antonio Bay. Prepared for the Texas Coastal Management Program/GLO. August, 2007

Yoskowitz, D.W., 2001. Evaluation of the Texas Water Bank, *Technical Report No. 13*, Texas Center for Border Economic and Enterprise Development, Texas A&M International University.

Holloway, M. and D.W. **Yoskowitz**, 1999. Third Party Compensation for Interbasin Transfers of Water in Texas: Alternatives for Funding and Payment. Prepared for the Texas Water Development Board.

ADDITIONAL PUBLICATIONS

Yoskowitz, D., C. Carollo, C. Santos. 2013. *Operationalizing Ecosystem Services for Restoration*. Harte Research Institute for Gulf of Mexico Studies. September. 67 pages.

Yoskowitz, D., C. Leon, J. Gibeaut, B. Luper, M. Lopez, C. Santos, G. Sutton, and L. McKinney. 2013. Gulf 360: State of the Gulf of Mexico. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University-Corpus Christi, Texas. 52 pages.

Yoskowitz, D.W., C. Plantier Santos, and C. Carollo. August 2012. *Integrating Ecosystem Services into Restoration Decisions for the Gulf of Mexico: Workshop Proceedings*. 23 pages. Harte Research Institute for Gulf of Mexico Studies. Texas A&M University-Corpus Christi.

Yoskowitz, D. 2011. The Economic Environment of the Gulf of Mexico. In Beyond the Horizon: A Forum to Discuss a Potential Network of Special Ocean Places to Strengthen the Ecology, Economy and Culture of the Gulf of Mexico. Pgs 70-72.

Santos, C. and D. **Yoskowitz**. 2011. Gulf of Mexico Ecosystem Services Valuation Database (GecoServ). Version 1.0. Harte Research Institute for Gulf of Mexico Studies, Texas A&M University - Corpus Christi. Available at: www.GecoServ.org

Yoskowitz, D., C. Santos, B. Allee, C. Carollo, J. Henderson, S. Jordan, and J. Ritchie 2010. *Proceedings of the Gulf of Mexico Ecosystem Services Workshop: Bay St. Louis, Mississippi, June 16-18, 2010*. October. 16 pages. Harte Research Institute for Gulf of Mexico Studies. Texas A&M University-Corpus Christi.

Yoskowitz, D. and R. Costanza, 2010. "Can CERF Help Find Solutions?" CERF Newsletter, October, Vol. 36, No. 3.

Gulf of Mexico: A Geography of Offshore Oil (map) in *National Geographic*, October 2010. Data source and map consultant.

Yoskowitz, D.W., C.M. Adams, J. Lee, and E. Hernandez, 2006. Economics, Business, and Industry of the Gulf of Mexico, in *Proceedings of the State of the Gulf of Mexico Summit*. Tunnell, Jr. J.W. and Q.R. Dokken (eds.). Corpus Christi, Texas. 28-30. Harte Research Institute for Gulf of Mexico Studies. Texas A&M University-Corpus Christi. 44 pages.

Yoskowitz, D.W., 2006. The Productive Value of the Gulf of Mexico, in *Proceedings of the State of the Gulf of Mexico Summit*. Tunnell, Jr. J.W. and Q.R. Dokken (eds.). Corpus Christi, Texas. 28-30 March. Harte Research Institute for Gulf of Mexico Studies. Texas A&M University-Corpus Christi. 44 pages.

Yoskowitz, D.W., 2006. Book review of Determining the Economic Value of Water by Robert A. Young. Washington DC: Resources for the Future, 2005 in *Great Plains Research*, Vol. 16, No. 2.

Yoskowitz, D.W., 2001. Privatization, Liberalization, and Trade in the Western Hemisphere, in *Western Hemispheric Trade Digest*, Vol. 1, No. 8.

Yoskowitz, D.W., 2001. Book review of The Political Economy of Water Pricing Reforms Edited by Ariel Dinar. New York: Oxford University Press, 2001 in *Natural Resources Journal*, Vol. 41, No.3.

Yoskowitz, D.W., 2001. Review of Reflections on Water: New Approaches to Transboundary Conflicts and Cooperation. Edited by Joachim Blatter and Helen Ingram. Cambridge: The MIT Press, 2001. in *Natural Resources Journal*, Vol. 41 No. 2.

Yoskowitz, D.W., and A. Rodriguez, 2000. Economics as a Decision Tool: Your Vote on the Proposed Laredo Entertainment Center. *LMT Business Journal*, August 7.

Jonish, J., R. Al-Hmoud, and D.W. **Yoskowitz**, 1996. Weather Modification: Private and Social Benefit and Costs. *Proceedings of the Fifth International Desert Development Conference*.

Jonish, J., N. Terry, and D.W. **Yoskowitz**, 1996. Water Marketing Along the Texas Rio Grande. *Proceedings of Universities Council on Water Resources Annual Meeting: Integrated Management of Surface and Ground Water*.

Jonish, J., J. Lehr, and D.W. **Yoskowitz**, 1994. Property Rights and Water Marketing Along the Rio Grande. *Academy of Economics and Finance: Proceedings of the Annual Meeting*.

Jonish, J., J. Lehr, and D.W. **Yoskowitz**, 1994. Water Marketing Initiatives in Texas. *Selected Papers of Southwestern Economic Proceedings*, Vol. 21 No. 2.

GRANTS, CONTRACTS, AND SPECIAL FUNDING

2013-2016. Co-Principal Investigator. Living with Sea-Level Rise in the Greater Houston Area. Houston Endowment. J. Gibeaut (PI), R. McLaughlin (co-PI) - \$790,000.

2013-2014. Principal Investigator. Deep Sea Ecosystem Services. ExxonMobil. C. Carollo (co-PI) - \$120,000.

2012-2014. Principal Investigator. Ecosystem Services Provided by Gulf of Mexico Habitats: Tools, Valuation, and Application. Gulf of Mexico Regional Sea Grant Consortium. C. Carollo (co-PI), J. Cebrian (co-PI), J. Gibeaut (co-PI), A. Krupnick (co-PI), P. Montagna (co-PI), S. Nanez-Jame (co-PI), J. Pollack (co-PI), J. Ritchie (co-PI) - \$648,388 (SG funds) \$843,306 (SG funds+match).

2011-2013. Principal Investigator. Stakeholders and Participatory Parties in the Gulf of Mexico and A Healthy Gulf and a Healthy Economy. Shell Exploration and Production. Cuauhtemoc Leon (co-PI) - \$166,000.

2010-2012. Principal Investigator. Assessment of Changing Ecosystem Services Provided by Marsh Habitat in the Galveston Bay Region. Gulf of Mexico Foundation (NOAA). C. Carollo (co-PI), J. Beseres-Pollack (co-PI) - \$73,133.

2010-2012. Principal Investigator. Evaluation and Application of Ecosystem Services for Decision Making in the Gulf of Mexico part of Gulf of Mexico Alliance Integration and Assessment Priority Issues Team. NOAA Broad Agency Announcement. C. Carollo (co-PI) - \$150,000.

2010-2011. Principal Investigator. Ecosystem Services Workshop and Products. Add on to GOMA EIA. NOAA. C. Carollo (co-PI) - \$47,689.

2010-2011. Co-Principal Investigator. iSnapper: Designing, testing, and analysis of an iPhone based application as an electronic log book in the For Hire reef fish fishery. NOAA Cooperative Research Program. G. Stunz (PI), M. Johnson (co-PI) - \$178,179.

2009-2012. Co-Principal Investigator. Building the foundation-An integrative approach to managing the dewatering of estuaries. NSF/NOAA (CAMEO program). P. Montagna (PI), R. McLaughlin (co-PI), T. Shirley (co-PI), J. Gibeaut (co-PI), G. Stunz (co-PI), J. Beseres-Pollack (co-I), H-C. Kim (co-I) - \$454,180.

2009-2011. Co-Principal investigator. Texas Coastal Management Program Section 309 Assessment and Strategies Report 2011-2015. Texas GLO/Coastal Management Program. R. McLaughlin (PI), J. Gibeaut (co-PI), P. Montagna (co-PI), T. Shirley (co-PI), G. Stunz (co-PI) - \$268,936.

2009-2012. Co-Principal Investigator. Evaluation of Ecosystem Services of Coastal Habitats. EPA (Gulf of Mexico Program). J. Gibeaut, (PI) and G. Stunz, (Co-PI) - \$199,762.

2008-2010. Principal Investigator. The Economic Impact of Climate Change in Texas: The Costs of Inaction and the Benefits of Action. The Energy Foundation. E. Biltonen (co-PI) - \$155,446.

2008-2009. Principal Investigator. Ecosystem Services Research Lab. Texas Research Development Fund. J. Brenner (co-PI) - \$32,600.

2008-2009. Principal Investigator, Climate Change in Texas and the Socio-Economic Impacts of Sea-level Rise: The Cost of Inaction. Environmental Defense Fund. J. Gibeaut (co-PI) - \$36,939.

2008-2009, Co-Principal Investigator, “Gulf of Mexico Alliance: Identification and Characterization of Gulf Habitats Priority Issues Team” NOAA, J. Gibeaut (PI), \$670,663.

2008-2009, Principal Investigator, “Economic Impact of Height Modernization in Texas” Conrad Blucher Institute for Surveying and Science, \$23,564.

2006-2007, Principal Investigator (P. Montagna, co-PI), “Valuing Nature in Texas: Economic Valuation of Freshwater Inflows” Contract with Houston Advanced Research Center (GLO/NOAA and Meadows Foundation grant), \$87,075.

2005-2006, Principal Investigator, “Management of Heterogeneous Ecological Assets in the Coastal Region of the Northwestern Gulf of Mexico: An Economic Assessment” Texas Research Development Fund (TAMUCC), \$22,000.

2004-2005, Principal Investigator, “Currency Substitution and the Penetration of the Canadian Dollar and Mexican Peso into United States Commerce” University Research Enhancement Program, Texas A&M University-Corpus Christi, \$8,000.

2002, Co-Principal Investigator (with Michael Pisani) “Microcredit and Microenterprise Development in Belize, Central America” Center for the Study of Western Hemispheric Trade at Texas A&M International University, \$500.

2001, Principal Investigator, “Field Research in Belize, Central America” Texas A&M International University Mini-Grant, \$500.

2000, Principal Investigator, “Trade and Environment: Perceptions from a Region on the Border” Texas Center for Border Economic and Enterprise Development, \$2,100.

1998-1999, Co-Principal Investigator (with Milton Holloway) “Compensation of Interbasin Water Transfers” Texas Water Development Board, Contract No. 99-483-269, \$46,107.

SERVICE

Community

- Member, Sustainable Environment Action Team, Bold Future for the Coastal Bend, 2009.
- Advisor to the San Patricio Economic Development Corporation, 2007-2008
- Downtown Redevelopment Committee, member, City of Corpus Christi, 2006
- Public Market Planning Committee, Co-chair, Downtown Management District, 2005-2006
- Steering Committee, member, “Americas Unidas” Port of Corpus Christi, 2003-2004.
- Steering Committee, member, Business Resource Center, City of Corpus Christi, 2004.

University

- Momentum 20/20 Strategic Plan, 2013
- Institutional Review Board, 2007-2009
- Chair, Ad Hoc Advisory Committee on Exceptions to the 120 Hour Rule, 2007
- Representative (COB), CMAR Steering Committee, 2006-2007
- Economic Impact Analysis of TAMUCC, 2006
- Faculty Core Curriculum Committee, 2003-2005
- Honors Program Development Committee, 2002-2004.
- Athletic Advisory Council-University • Institutional Review Board - University (TAMIU), 2000-2002.

College and Harte Research Institute

- Strategic Planning Committee, 2006-2011
- Business Incubator Committee, (ad hoc) 2005-2007
- Promotion and Tenure Committee, 2005-2007 and 2008-2010
- Graduate Admissions Council, 2003-2007
- Advisor, ODE Honors Society, 2003- 2010
- Chair, Business Math Committee (ad hoc), 2003-2006
- Advisor SEA, 2003-2004
- Graduate Admissions Committee (TAMIU), 2000-2002
- Doctoral Program Committee (TAMIU), 2001-2002
- Teaching and Research Enhancement Committee (TAMIU), 2000-2002

Professional

- Planning Committee, State of the Gulf of Mexico Summit 2014. 2013-2014.
- Session Chair – Socio-Economic Analysis of Ecosystem Change: From Baselines to Catastrophic Events. Gulf of Mexico Oil Spill & Ecosystem Science Conference 2013-2014.

- Member, Committee on the Effects of the Deepwater Horizon Mississippi Canyon-252 Oil Spill on Ecosystem Services in the Gulf of Mexico. National Research Council of The National Academies; 2011-2013.
- Co-chair. Socio-economic impacts of the Deepwater Horizon oil spill session. Gulf of Mexico Oil Spill & Ecosystem Science Conference. 2012-2013.
- Planning Committee, State of the Gulf of Mexico Summit 2011. 2010-2011.
- Co-Chair Program Committee, Coastal and Estuarine Research Federation's 2011 Conference, 2010-2011.
- Co-Chair, Sea Level Rise 2010: International Conference on Sea Level Rise in the Gulf of Mexico, 2009-2010.
- Co-Chair, Gulf of Mexico Ecosystem Services Collaboratory, 2010-
- Member, Socioeconomic Science and Statistics Committee, Gulf of Mexico Fishery Management Council, 2009-
- Member, Ecosystem Science and Statistics Committee, Gulf of Mexico Fishery Management Council, 2009-2013.
- Reviewer for: PLoS One, Marine Pollution Bulletin, Ecological Economics, Journal of Borderlands Studies, Forum, International Trade Journal, Regional Studies, Current Politics and Economics of Europe, Review of Industrial Organization, NOAA Climate Program Office, Natural Hazards
- Textbook Reviewer for South-Western Publishing
- Vice-President, Association of Arid Land Studies, 1999-2001

PRESENTATIONS (Conference)

“What do people really value: A Gulf of Mexico Ecosystem Services Valuation Exercise” Social Coast Forum. Charleston, SC. February 2014.

“Resilience of Ecosystem Services and Coastal Communities” Gulf of Mexico Oil Spill & Ecosystem Science Conference. Mobile, AL. January 2014.

“Elucidating the value of ecosystem services in the Gulf of Mexico for the purposes of conservation and resilience: Part 1 – Foundations of Ecosystem Service Resilience” CERF Conference. San Diego, CA. November 2013.

“Gulf 360: State of the Gulf of Mexico” CNREP Conference 2013. New Orleans, LA. March 2013.

“Assessment of changing ecosystem services provided by Timbalier Island habitats.” ACES and Ecosystem Markets 2012: A Community on Ecosystem Services Linking Science, Practice and Decision Making. Fort Lauderdale, FL. December 2012.

“Environmental well-being to human well-being: Are you making the connection?”. Bays and Bayous Symposium 2012.*Keynote address. Biloxi, MS. November 2012.

“Valuing the change in ecosystem services as a result of sea level rise in Galveston Bay, Texas USA” Estuarine, Coastal, and Shelf Science Association Conference, Venice, Italy, June 2012.

“Ecosystem Services Role in Coastal Restoration Decision Making” Sixth Educational Partnership Program Education & Science Forum. Tallahassee, FL. March 2012.

“A Healthy Gulf Economy for the 21st Century” Summit 2011: State of the Gulf of Mexico. Houston, TX. December 2011.

“Sea level rise and changing ecosystem services provided by marsh in Galveston Bay, Texas” Coastal and Estuarine Research Federation Biennial Conference, Daytona Beach, FL. November 2011.

“Gulf of Mexico Ecosystem Services Workshop” A Community on Ecosystem Services (ACES), Phoenix, AZ. December, 2010.

“A Multiparty Approach to Inventory and Valuation of Ecosystem Services in the Coastal Zone of the Gulf of Mexico” CNREP 2010: Challenges of Natural Resource Economics & Policy, New Orleans, LA. May 2010.

“The Socio-Economic Impact of Relative Sea Level Rise in Galveston Bay” Sea Level Rise 2010: International Conference on Sea Level Rise in the Gulf of Mexico, Corpus Christi, TX. March 2010.

“The Value of Inflows” Freshwater Inflows: 2010 and Beyond, Corpus Christi, TX, February, 2010.

“From the River to the Sea and the Value of Freshwater Inflow” Land, Water, People Conference, San Marcos, TX. November, 2009.

“Consider the Ecosystem Services of the Oyster” Coastal and Estuarine Research Federation Biennial Conference, Portland, OR. November 2009.

“Socio-economic factors that impact the desire to protect freshwater flow in the Rio Grande, USA” ECO-SUD, Chianciano Terme, Italy. July 2009.

“The Socio-Economic Impact of Relative Sea Level Rise in Galveston Bay” Texas Coastal Conference, Galveston, TX. June 2009.

“Canadian Dollars and Mexican Pesos: Currency Substitution in the NAFTA Borderlands” Western Social Science Association/Association of Borderlands Studies, Albuquerque, NM. April 2009.

“Economic Impact of Relative Sea Level Rise on Galveston Bay” Texas’ Changing Economic Climate, Austin, TX. January 2009.

“Valuation Issues of Ecosystem Services in the Coastal Zone” A Conference on Ecosystem Services (ACES), Naples, FL. December 2008.

“The Economic Value of Resources to Sustain Nature and Ecosystem Services” Climate Change Impacts on Texas Water, Austin, TX. April 2008.

“Economic Value of Freshwater Inflow and Ecosystem Services: A Double-Bounded Dichotomous Choice Approach” Estuarine Research Federation, Providence, RI. November 2007.

“To Profit or Not: The Impact of a ‘for profit’ Microfinance Institution in El Salvador” Latin American Studies International Congress, Montréal, Canada. September 2007.

“The Retail Travels of the U.S. Greenback to Canada and Mexico: A Comparative Study of Currency Substitution Along the U.S.-Canadian and U.S.-Mexican Borders” Western Social Science Association, Calgary, Canada. March 2007.

Invited participant on the Round Table, “Economic Security: Trade, Energy and Development of Sustainable Tourism in the Wider Caribbean” International Conference on Ocean Security in the Wider Caribbean. Corpus Christi, TX. February 2007

“A Productive Value of the Gulf of Mexico” Gulf of Mexico Summit, Corpus Christi, TX. March 2006.

“Does the Canadian Dollar Travel South? An Examination of Currency Substitution along the U.S. - Canadian Border” Western Social Science Association, Albuquerque, NM. April 2005.

“Belize and the Plan Puebla-Panama: Prospects and Challenges” Annual Congress of the International Business and Economics Association, Puerto Vallarta, Mexico. March 2003.

“Risk and Reward: Use and Acceptance of the Mexican Peso by Firms in the United States Border Region,” Western Social Science Association, Las Vegas, NV. April 2003.

“Use of the Mexican Peso Along the Texas Border” International Atlantic Economic Conference, Washington DC. November 2002.

“Street Vendors in Nuevo Laredo, Mexico: Occupational Choice or Demise” Western Social Science Association, Albuquerque, NM. April 2002.

“Influence of NAFTA on Socioeconomic Variables for the U.S. - Mexico Border Region” Missouri Valley Economic Association, Kansas City, MO. 2001.

“Price Elasticity and Agent Behavior: An Explanation of Price Differentials in a Spot Market for Water” International Atlantic Economic Conference, Charleston, SC. 2000.

“Creating an International Water Market Between the United States and Mexico Along the Rio Grande: The Law” Western Social Science Association, San Diego, CA. 2000.

“Price Differentials in Spot Markets for Water: A Mixed Strategy Equilibrium” Missouri Valley Economic Association, St. Louis, MO. 2000.

“Price Differential in a Homogenous Product Market: The Case of Water” International Atlantic Economic Conference, Montreal, Canada. 1999.

“A Critical Analysis of the Texas Water Bank as a Marketing Institution” Western Social Science Association, Ft. Worth ,TX. 1999.

Invited Panelist, “World Wildlife Fund/PRONATURA Chihuahuan Desert Socio-Economic Workshop” El Paso, TX. 1998.

“Opportunities for Water Markets in Semiarid Environments: The Case of West Texas” Western Social Science Association, Denver, CO.1998.

“Price Dispersion in a Homogenous Water Market” Missouri Valley Economic Association, St. Louis, MO. 1997.

“Water Marketing Along the Texas Rio Grande” with James Jonish and Neil Terry. Universities Council on Water Resources, San Antonio, TX. 1996.

“Property Rights and Water Marketing Along the Rio Grande” with James Jonish and John Lehr. Mid South Academy of Economics and Finance, Nashville,TN. 1994.

PRESENTATIONS, PANELS, BRIEFINGS, and SEMINARS

- Panelist, Interagency Guidelines Ecosystem Services Exploration Sessions. Council on Environmental Quality. November 19, 2013.
- Briefing for RESTORE Council staff. Sponsored by COMPASS. New Orleans, LA. September 24, 2013.
- Briefing for Recreational Fishing Steering Committee, Theodore Roosevelt Conservation Program. Washington, D.C., September 9, 2013.
- “From Promise to Proof: How Ecosystem Services Frameworks can Improve Decision-Making” Executive Office of the President, Washington, D.C., sponsored by COMPASS. May 9, 2013.

- “Measuring and Communicating Socio-Economic Values of MPAs” Gulf MPA Lunch Bag Webinar Series, May 10, 2012.
- “Integrated Ecosystem Assessment: The Present State-of-the Art Synthesis Session” CERF, 2011.
- “Science to Inform Ecosystem Restoration in the Gulf of Mexico and Beyond” Washington, D.C., sponsored by COMPASS and Consortium for Ocean Leadership, October 11, 2011.
- “Gulf of Mexico Ecosystems One Year after the Deepwater Horizon” Washington D.C. during Capitol Hill Ocean Week, June 6, 2011.
- “Economics of the Gulf of Mexico” Beyond the Horizon Forum, Mote Marine Lab, Sarasota, FL, May 12-13.
- “Water Marketing in Texas” League of Women Voters, Coastal Bend Regional Water Forum, Corpus Christi, April 30, 2011.
- “Gulf of Mexico Ecosystem Services Workshop” MARES Workshop, St. Petersburg, FL, March 30, 2011.
- “Impact: Short-term and Long-term of the Gulf Oil Spill” 11th National Conference on Science, Policy and the Environment: Our Changing Oceans. Washington D.C., January 19, 2011.
- “Gulf Game and Ecosystem Services” Ecosystem Science and Statistics Committee meeting, Tampa, FL, November 3, 2010.
- “Healthy Seagrass and Recreational Fishing Opportunity in Tampa Bay” EPA Ecosystem Services Research Program Annual Meeting, Henderson, NV, October 20, 2010.
- “Ecosystem Services and the Gulf of Mexico Alliance” Plenary Session, Gulf of Mexico Alliance All Hands Meeting, Biloxi, MS, August 5, 2010.
- “How Do We Value Ecosystem Services” Environmental Benefits of Private Property sponsored by Philanthropy Roundtable, The Woodlands, TX, April 30, 2009.
- “The Productive Value of the Gulf of Mexico” Workshop for the Second Summit of the Gulf of Mexico States Alliance, Coatzacoalcos, MX, November 14, 2008.
- “Environment and the Economy of the Gulf of Mexico” for the HRI Advisory Council, October 30, 2008.
- “Ecological Economics and its Application to Bays and Estuaries” for US EPA Gulf Ecology Division. May 14, 2008.
- “Productive Value of the Gulf of Mexico” for the Gulf of Mexico Foundation. May 8, 2008.
- “Economic Valuation of Freshwater Inflow and Ecosystem Services” for the Gulf of Mexico Foundation. May 9, 2008.

WORKSHOPS (*=presentation; ^ = organized)

- *"Brazil-US Frontiers of Science and Engineering Symposium" Sponsored by the US National Academy of Sciences and the Brazilian Academy of Sciences. Invited. Poster presentation: *Resilient Coastal Cities and Ecosystem Services: Responding to Climate Change*. Rio de Janeiro, Brazil. March 16-19, 2014.
- *^ "Bluewater Ecosystem Services Relative Valuation" Sponsored by ExxonMobil, Fall of 2013 in Houston, TX and Tampa, FL.
- *^ "Integrating Ecosystem Services into Restoration Decisions for the Gulf of Mexico" Sponsored by NOAA. Corpus Christi, TX. January 24-26, 2012.
- * "Economic Issues and Challenges: A Gulf Perspective" First International Workshop on Integration Efforts with the Gulf of Mexico Alliance, Veracruz, MX. Sponsored by the Gulf of Mexico Foundation and October 14-15, 2010. Ocean Economics Workshop. NOAA Coastal Services Center, Charleston, SC. September 23-24, 2010.
- *^ "Ecosystem Services Valuation Workshop" Sponsored by NOAA. Bay St. Louis, MS, June 16-18, 2010.
- * "Ecosystem Services Workshop" Sponsored by Coastal Bend Bays & Estuaries Program and Harte Research Institute, Corpus Christi, TX, June 14, 2010.
- * "Gulf of Mexico Integrated Ecosystem Assessment" Sponsored by NOAA. New Orleans, LA, April 6-7, 2010.
- *^ "First Workshop of the Gulf of Mexico Ecosystem Services colLaboratoty" Pensacola, FL, January 14-15, 2010. Louisiana-Mississippi Gulf Coast Ecosystem Restoration Working Group sponsored by the White House Council on Environmental Quality, New Orleans, LA, December 8, 2009. WATERS Network Community Workshop sponsored by WATERS Network (NSF), Arlington VA, March 24th-25th, 2008.
- * "Houston-Galveston Green Brownfields" Winter Meeting of the United States Business Council for Sustainable Development, San Antonio TX, February 12th-13th, 2008.
- *^ "Valuing Freshwater Inflows in Texas" Sponsored by Houston Advanced Research Center, Austin TX, November 16th, 2007.
- *^ "Valuing the Ecology and Environment of San Antonio Bay" Sponsored by Houston Advanced Research Center and Harte Research Institute, Corpus Christi TX, August 31st, 2007.

CONSULTING

- Ecosystem Services Integration into Risk Management for Environmental Resources Management, 2014 -
- Relative Valuation of Ecosystem Services for Houston Advanced Research Center, 2012
- Economic Impacts of the Alta Mesa and Rio Vista Wind Energy Projects for American Shoreline, Inc., 2008
- Economic Analysis of Penascal Wind Farm for Kenedy Countywide School District, 2006.
- Economic Impact of Conventions and Professional Meetings for Corpus Christi CVB, 2006.

- Summer Visitor Economic Impact for Port Aransas Chamber and Visitors Bureau, 2005
- Winter Texan Economic Impact Analysis for Port Aransas Chamber and Visitors Bureau, 2004.
- Economic Impact of Laredo Entertainment Center for Arena Ventures, LLC, 2000.

HONORS AND AWARDS

- Gulf Guardian Award, 2nd place, Bi-National category for *Gulf 360°*, 2013.
- Kavli Fellow (Awarded by the US National Academy of Science. It is the Academy's premiere recognition for distinguished young scientists under 45 years of age), 2011.
- Graduate School Research Scholarship, Texas Tech University, 1997
- Elected to Omicron Delta Epsilon Honor Society, 1990
- *Who's Who Among College Students*, 1986

PROFESSIONAL MEMBERSHIPS (past and present)

- Coastal and Estuarine Research Federation
- International Society for Ecological Economics
- International Atlantic Economic Society
- American Law and Economics Association
- Association of Arid Land Studies
- Association of Borderlands Studies