

Carolyn A. Weaver
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Research Interests: I am interested in answering questions concerning the effects of natural and anthropogenic disturbances on community-level biodiversity and species interactions with particular interest in how trophic interactions influence community structure and ecosystem function.

Education

In progress	Ph.D., Ecosystem Science and Management Texas A&M University – College Station, TX
2003	B.S., Marine Biology Texas A&M University – Galveston, TX

Research Positions

2009 – 2012	Research Assistant, Texas A&M University, Galveston, TX
2008 – 2009	Research Assistant, Texas A&M University, College Station, TX
2005 – 2008	Fisheries Biologist, Mote Marine Laboratory, Sarasota, FL

Teaching Positions

2010-2011	Teaching Assistant, Marine Botany (MARB-408) Texas A&M University, Galveston, TX
2010-2011	Teaching Assistant, Coastal Plant Ecology (MARB-430) Texas A&M University, Galveston, TX

Fellowships/Grants

2012	Texas A&M University at Galveston Research Advisory Council Mini-Grant (\$500)
2010 – 2012	Erma Lee and Luke Mooney Graduate Student Travel Grant (\$1963)
2008-2012	Texas A&M University @ Galveston – Marine Biology Graduate Student Mini-Grant (\$2000)
2009	Coastal and Estuarine Research Federation Travel Grant (\$235)
2008-2009	Texas A&M University – Ecosystem Science and Management Graduate Student Travel Grant (\$1200)
2008	Texas A&M University – Ecology and Evolutionary Biology Graduate Student Travel Grant (\$860)

2008 Texas A&M University @ Galveston – Galveston Graduate Student Council Mini-Grant (\$500)

Research Projects

2012 – present Mangroves invading Texas salt marshes: does it matter?; Funded by Texas Sea Grant

2012 – present The influences of soil source on the restoration of emergent coastal marshes and aquatic habitats; Funded by Texas General Land Office

2008 – 2010 Impacts of increased freshwater flow and nutrient input on benthic community structure and trophic interactions; Funded by National Park Service

2007 SAV and faunal relationships with regard to salinity and seasonality; Funded by South Florida Water Management District

2005 – 2007 Combining a partnership among researchers, commercial, recreational, and recreational-for-hire fishers with a cooperative tagging program to elucidate the life history and habitat utilization of select reef fish and coastal pelagic species in the Florida Keys; Funded by NOAA – Cooperate Research Project

2005 – 2007 Evaluation of the efficacy of current minimum size regulations for selected reef fish based on release mortality and fish physiology; Funded by NOAA – Marine Fisheries Initiative

2005 – 2006 Cooperative long-line sampling of the west Florida shelf shallow water grouper complex: characterization of life history, undersized bycatch and targeted habitat; Funded by NOAA – Cooperative Research Project

2005 – 2006 Geographic Comparison of age, growth, reproduction, movement and survival of red snapper off the state of Florida; Funded by NOAA – Marine Fisheries Initiative

Presentations

As Presenter:

Weaver, C.A., A. R. Armitage, and A. Parnell. November 2011. Nutrient effects on *Spartina alterniflora* and *Avicennia germinans*: Implications for competition in a marsh-mangrove ecosystem. Coastal and Estuarine Research Federation 21st Biennial Conference.

Weaver, C.A., A.R. Armitage, and J.W. Fourqurean. November 2009. Effects of nutrient addition on seagrass epifaunal abundance in nutrient limited conditions. Coastal and Estuarine Research Federation 20th Biennial Conference.

Weaver, C.A., A.R. Armitage, and J.W. Fourqurean. March 2009. Nutrient addition reduces the influence of habitat complexity on seagrass epifaunal abundance. 38th Benthic Ecology Meeting.

Weaver, C.A., A.R. Armitage, and J.W. Fourqurean. December 2008. Effects of habitat complexity and nutrient enrichment on epifauna abundance and diversity in a Florida Bay seagrass system. 2008 Florida Bay and Adjacent Marine Systems Science Conference.

Burns, K.M., N.J. Brown-Peterson, R.M. Overstreet, J.G. Gannon, J.M. Sprinkel, B.D. Robbins, and **C.A. Weaver**. December 2007. Geographic comparison of age, growth, reproduction, movement, and survival of red snapper off the state of Florida. MARFIN Conference.

As Author:

Pennings, Steven C., A. R. Armitage, H. Guo, Z. Hughes, and **C.A. Weaver**. April 2012. Mangroves Invading Texas Salt Marshes: Does It Matter? Texas Bays and Estuaries Meeting.

Weisse, M., **C. Weaver**, and A. Armitage. July 2011. Identifying limiting nutrient in Galveston Bay seagrass communities. 2011 Texas A&M University at Galveston NSF-REU Research Symposium.

Technical Reports

Burns, K., J. Gannon, **C. Weaver**, E. Estevez, A. Boyes, and M. Gittler. 2007. SAV and faunal relationships with regard to salinity and seasonality. Mote Marine Laboratory Technical Report No. 1199 funded by District Agreement CP-050281.

Burns, K.M., B.D. Robbins, N. J. Brown-Peterson, D. Gregory, P.W. Simmons III, and **C.A. Weaver**. 2006. Combining a partnership among researchers, commercial, recreational, and recreational-for-hire fishers with a cooperative tagging program to elucidate the life history and habitat utilization of select reef fish and coastal pelagic species in the Florida Keys. Mote Marine Laboratory Technical Report No. 1152 funded by NOAA under CRP Grant # NA04NMF4540208.

Burns, K.M., N.J. Brown-Peterson, R.M. Overstreet, J.G. Gannon, J.M. Sprinkel, B.D. Robbins, and **C.A. Weaver**. 2006. Geographic comparison of age, growth, reproduction, movement, and survival of red snapper off the state of Florida. Mote Marine Laboratory Technical Report No. 1147 funded by NOAA under MARFIN Grant # NA17FF288.

Other Activities

Screening Committee for Director of Bookstore Operations – Graduate Student Representative (December 2011)

Texas A&M University at Galveston Marine Biology and Marine Science Journal Club – Graduate Student Coordinator (August 2010 – February 2012)

Undergraduate Student Mentor

Sarah Miller (NSF-REU, University of Miami) – June-July 2012

Mikaela Weisse (NSF-REU, University of Wisconsin) – June-July 2011

Kelsey Droll (Undergraduate research, Texas A&M University at Galveston) – Fall 2011

Rachael Knigge (Undergraduate research, Texas A&M University at Galveston) – Fall 2011

Professional Society Memberships

Coastal and Estuarine Research Federation