

Carolyn A. Weaver

Texas A&M University – Ecosystem Science and Management
5007 Avenue U, Galveston, TX 77551
(409) 741-4070 • (409) 740-5002 (fax)
caweaver@tamu.edu

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 – Present	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

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.

Fellowships/Grants

- 2009 Coastal and Estuarine Research Federation Travel Grant (\$ 235)
- 2008-2009 Texas A&M University – Ecosystem Science and Management Graduate Student Travel Grant (\$ 1200)
- 2008-2009 Texas A&M University @ Galveston – Marine Biology Graduate Student Mini-Grant (\$ 1000)
- 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

- 2008 – Present 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

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. (oral presentation)

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. (poster presentation)

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. (poster presentation)

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. (oral presentation)

Professional Society Memberships

Coastal and Estuarine Research Federation