

Shannon J. O'Leary

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

PROFESSIONAL APPOINTMENTS

Since 2015	Postdoctoral Researcher <i>Harte Research Institute for Gulf of Mexico Studies, Marine Genomic Laboratory.</i>
2013 - 2014	Lecturer <i>Towson University, Department of Biological Sciences.</i>

EDUCATION

2013	PhD Marine and Atmospheric Sciences, Stony Brook University, USA.
2009	BSc Biological Sciences, University of Constance, Germany.

PUBLICATIONS

2015	O'Leary SJ, Martinez CM, Baumann H, Abercrombie DL, Poulakis GR, Murray CH, Feldheim KA, Chapman DD. Population genetics and geometric morphometrics of the Key silverside, <i>Menidia conchorum</i>, a marine fish in a highly fragmented inland habitat. <i>Bulletin of Marine Science. In review.</i>
	O'Leary SJ, Feldheim KA, Field AT, Natanson L, Wintner S, Hussey N, Shivji M, Chapman DD. Genetic diversity of white sharks, <i>Carcharodon carcharias</i>, in the Northwest Atlantic and southern Africa. <i>Journal of Heredity</i> , 106(3)258-265. doi: 10.1093/jhered/esv001.
2014	O'Leary SJ, Dunton KD, King T, Frisk MG, Chapman DD (2014). Genetic diversity and effective size of Atlantic sturgeon, <i>Acipenser oxyrinchus oxyrinchus</i>, river spawning populations estimated from the microsatellite genotypes of marine-captured juveniles. <i>Conservation Genetics</i> . doi: 10.1007/s10592-014-0609-9.
2013	O'Leary SJ, Hice LA, Feldheim KA, Frisk MG, McElroy AE, Fast MD, Chapman DD (2013). Severe inbreeding and small effective number of breeders in formerly abundant marine fish. <i>PloS one</i> , 8(6), e66126.
	O'Leary, SJ, Feldheim, KA, Chapman, DD (2013). Novel microsatellite loci for white, <i>Carcharodon carcharias</i> and sandtiger sharks, <i>Carcharias taurus</i> (order Lamniformes). <i>Conservation Genetics Resources</i> . doi: 10.1007/s12686-013-9866-z.

- 2012** | O’Leary SJ, Feldheim KA, Chapman DD (2012). **Novel microsatellite loci for winter flounder (*Pseudopleuronectes americanus*)**. Conservation Genetics Resources. doi: 10.1007/s12686-012-9854-8.
- Dunton, KJ, Chapman, D, Jordaan, A, Feldheim, K, O’Leary, SJ, McKnown, KA, Frisk, MG (2012). **Genetic mixed-stock analysis of Atlantic sturgeon *Acipenser oxyrinchus* in a heavily exploited marine habitat indicates the need for routine genetic monitoring**. Journal of Fish Biology. 80:267-277.
- O’Leary SJ & Wantzen KM (2012). **Flood Pulse effects on benthic invertebrate assemblages in the hypolacustric interstitial of Lake Constance**. International Journal of Limnology. 48(3):267-277.

PRESENTATIONS

- 2014** | **1 Fish, 2 Fish, Red Fish, Blue Fish: Effective population size, bottlenecks and inbreeding in threatened marine fish.**
Biological Sciences Seminar, Towson University.
- 2013** | **Effective population size: concepts, genetic estimators & implications for management of marine fishes.**
Graduate Student Seminar, School of Marine and Atmospheric Science.
- Small effective population size and low genetic diversity of Northwest Atlantic white sharks.**
Graduate Student Symposium School of Marine and Atmospheric Science.
(Award for best presentation).
- 2012** | **Evidence for inbreeding in a highly exploited marine fish.**
13th Flatfish Biology Conference, Connecticut.
- Species delineation and population genetics of *Menidia* species in Southern Florida.**
American Fisheries Symposium, Minnesota.
- Using anal fins as an assessment tool in a Caribbean shark fishery.**
Graduate Student Symposium School of Marine and Atmospheric Science.
(Award for best presentation).
- 2009** | **Life on the Edge: Benthic invertebrates in a pulsing lake littoral**
Weekly seminar of the Limnological Institute Constance.
(In fulfillment of Bachelor’s degree)