

**Louis John Ambrosio M.S.**

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**Tampa, Fl 33606**

**[lambrosio@ut.edu](mailto:lambrosio@ut.edu)**

**Degrees**

B.S Marine Science/Biology

2003 University of Tampa

M.S Biology

2007 Florida Atlantic University

**Professional Experience and Appointments**

2018-present

**Marine Science Field Station Coordinator/Instructional Staff;**  
University of Tampa, Tampa, Fl

2014-2016

**Graduate Teaching Assistant;** Clemson University, Clemson, SC  
(Supervisor: Dr. Robert Cohen)

2008-2014

**Adjunct Faculty;** University of Tampa, Tampa, Fl (Supervisor:  
Dr. Kevin Beach)

2010-2010

**Adjunct Faculty;** Hillsborough Community College, Plant City,  
Fl (Supervisor: Dr. Mary Beth Mobley)

2005- 2007

**Graduate Teaching Assistant;** Florida Atlantic University, Boca  
Raton, Fl (Supervisor: Geri Mayer)

2004-2004

**OPS Research Staff;** Florida Fish and Wildlife Conservation  
Commission, Stock Enhancement Research Facility, Manatee, Fl  
(Supervisor: Kerry Mesner)

2003-2003

**Lab Technician;** Hillsborough County Environmental Protection  
Commission Benthic Lab, Tampa, Fl (Supervisor: Dr. David  
Karlen)

## Memberships and Professional Activities

Peer reviewer for the journal *Marine Biology* since 2016

Peer reviewer for the journal *Crustaceana* since 2016

Peer reviewer for the *Journal of Crustacean Biology* since 2015

## Published Research

**Ambrosio, L.J.** and Baeza, J.A., 2023. Chemical sensing and avoidance of PaV1-infected conspecifics by pueruli post-larvae of the reef-dwelling Caribbean spiny lobster *Panulirus argus* Latreille, 1804 (Decapoda: Achelata: Palinuridae). *Journal of Crustacean Biology*, 43(4), p.ruad065.

Santamaria, C.A., Larson, A.J., **Ambrosio, L.J.**, La Luz, A.M. and Rankin, K.W., 2022. First report of the introduced isopod *Ligia exotica* Roux, 1828 in rocky intertidal habitats of Midway Atoll, Papahānaumokuākea Marine National Monument as confirmed by morphological and molecular approaches. *BioInvasions Record*, 11(4).

Varela, C., Price, W.W., Middlebrooks, M.L. and **Ambrosio, L.J.**, 2021. First finding of the family Rhynchomolgidae (Copepoda: Cyclopoida) in the Gulf of Mexico, with the description of a new species. *Novitates Caribaea*, (18), pp.28-37.

White, K.N., **Ambrosio, L.J.** and Edwards, C., 2021. Anthropogenic Sound in the Sea: Are Ascidians Affected? *Gulf and Caribbean Research*, 32(1), pp.1-7.

Baeza, J.A., Childress, M.J. and **Ambrosio, L.J.**, 2018. Chemical sensing of microhabitat by pueruli of the reef-dwelling Caribbean spiny lobster *Panulirus argus*: testing the importance of red algae, juveniles, and their interactive effect. *Bulletin of Marine Science*, 94(3), pp.603-618.

Simpson, Lunden Alice, **Louis J. Ambrosio**, and J. Antonio Baeza. "A new species of *Carcinonemertes*, *Carcinonemertes conanobrieni* sp. nov. (Nemertea: Carcinonemertidae), an egg predator of the Caribbean spiny lobster, *Panulirus argus*." *PloS one* 12, no. 5 (2017): e0177021.

Baeza, J. Antonio, Lunden Simpson, **Louis J. Ambrosio**, Nathalia Mora, Rodrigo Guéron, and Michael J. Childress. "Active parental care, reproductive performance, and a novel egg predator affecting reproductive investment in the Caribbean spiny lobster *Panulirus argus*." *BMC Zoology* 1, no. 1 (2016): 6.

Simpson, Lunden A., **Louis J. Ambrosio**, and J. Antonio Baeza. "Sexual dimorphism and allometric growth in the enigmatic pygmy crab *Petramithrax pygmaeus* (Bell, 1836)(Decapoda: Brachyura: Mithracidae), with a formal test of Rensch's rule in spider crabs (superfamily Majoidea)." *Journal of Crustacean Biology* 36, no. 6 (2016): 792-803.

**Ambrosio, Louis J.**, and J. Antonio Baeza. "Territoriality and conflict avoidance explain asociality (solitariness) of the endosymbiotic pea crab *Tunicotheres moseri*." *PloS one* 11, no. 2 (2016): e0148285.

Baeza, J. Antonio, Rodrigo Guéron, Lunden Simpson, and **Louis J. Ambrosio**. "Population distribution, host-switching, and chemical sensing in the symbiotic shrimp *Lysmata pederseni*: implications for its mating system in a changing reef seascape." *Coral Reefs* 35, no. 4 (2016): 1213-1224.

Baeza, J. Antonio, Lunden Simpson, **Louis J. Ambrosio**, Rodrigo Guéron, and Nathalia Mora. "Monogamy in a Hyper-Symbiotic Shrimp." *PloS one* 11, no. 3 (2016): e0149797.

Baeza, J.A., Simpson, L., **Ambrosio, L.J.**, Gueron, R., Mora, N., Owens, D. (2015) Reproductive investment in a phyletic giant, the Caribbean King Crab *Damithrax spinosissimus*: exploring egg production costs in large brooding marine invertebrates. *Journal of Shellfish Research* 34(3): 1049-1056.

**Ambrosio, L.J.**, Brooks, W.R. (2011) Recognition and use of ascidian hosts, and mate acquisition by the symbiotic pea crab *Tunicotheres moseri* (Rathbun1918): the role of chemical, visual and tactile cues. *Symbiosis* 53:53-61

### **Teaching Experience**

- Invertebrate Biology Laboratory and Lectures (Clemson University)
- Freshwater Ecology Laboratories (Clemson University)
- Biological Diversity Laboratories (University of Tampa)
- Environmental Science Lectures (University of Tampa)
- Marine Biology Lectures (University of Tampa)
- Human Anatomy and Physiology (Hillsborough Community College)
- Life Science Laboratories (Florida Atlantic University)