

Louis John Ambrosio M.S.

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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)