Biography: Holden Earl Harris

As a former dive instructor and commercial fisherman, I have a deep and complex relationship with the marine environment: I see the ocean as an awe-inspiring marvel, as a wilderness I hope to conserve for future generations, and as a resource—a source of food and livelihood. Thus, I am interested in applied research that guides natural resource management. My recent PhD work examined the ecological and socioeconomic conditions for developing a commercial fishery for invasive lionfish by better understanding population and community effects from lionfish removals[1] and their removal efficiency[2], the emerging pathogen in lionfish[3,4], the potential for lionfish traps to control deepwater lionfish[5], and the bioeconomics of commercialized invasive species[6]. As a postdoctoral researcher at the University of Florida Nature Coast Biological Station, my current focus areas include reducing fisheries discard mortality via gear innovation[7] and management strategies[8,9], and developing ecosystem models to value coastal reef restoration and forecast how changes in freshwater quality and quantity will influence fish and wildlife populations in the Suwannee River estuary[10].

[1]Chagaris et al. (2017) *Fisheries*; [2]Harris et al. (2019) *Fish. Res.*; [3]Harris et al. (2019) *UF/IFAS EDIS*; [4]Harris et al. (2020) *Sci. Rep.*; [5]Harris et al. (2020) *PLoS One*; [6]Harris et al. (in review) *Ecol. Appl.*; [7]Harris et al. (in review) *Fisheries*; [8]Harris et al. (in prep.) *Fish Manag. Ecol.*; [9]Procopio et al. (in prep.) *Mar. Coast. Fish.* [10]Allen et al. National Academy of Sciences Funding Award to the Univ. of FL ($1.2M)