



NAME: Benjamin G. Shirey

DEGREE: Marine Science: Biology Concentration (BS) Eckerd College (2021)

DEGREE SEEKING: Master's in Environmental Science with a concentration in Coastal and Marine Ecology

THESIS/DISSERTATION TITLE: Foraminiferal and Microbial Indices as an Effective Measure of Ecosystem Health in Prominent Puerto Rican Bays

RESERCH INTEREST:

Marine invertebrates comprise a large degree of geologic time with many representatives persisting into today. As marine ecosystems are rapidly undergoing changes due to anthropogenic factors, marine invertebrates, particularly those of ancient lineages can allow us to better understand the impacts on organisms and ecosystems as a whole. I am interested in the evolutionary adaptations of marine invertebrates to changing environments throughout time.

PUBLICATIONS:

N/A

ABSTRACTS:

- **Shirey B.**, Higgins E., Duncan S., Brockmann H.J. (2021) Understanding the Breeding Population of *Limulus polyphemus* on Florida's Gulf Coast. Eckerd College, St. Petersburg Florida. (**POSTER**)

HONORS AND AWARDS:

- Galbraith-Wardman Fellowship (Bermuda Institute of Ocean Sciences, Bermuda) (2020)