

## Impact of ocean acidification on queen conch (*Lobatus gigas*) growth and maturity



### **What:**

The Centre for Ocean Research and Education (CORE), and The Cape Eleuthera Institute are seeking a motivated student for a marine research project assessing the physiological responses of adult conch to experimental increases in pH. This project will be run as part of a semester abroad, residential marine science program and form the basis for engaging Bahamian citizens in education and outreach.

### **Why:**

The queen conch is a large, iconic species of gastropod mollusc that is one of the most economically and culturally important marine invertebrate fisheries in the Caribbean, forming an integral part of daily life in the islands of The Bahamas. This project proposes to determine responses of mature adult conch to ocean acidification, particularly those linked to maturity assessment characteristics. This animal is listed under the CITES treaty, yet remains poorly understood throughout its range.

### **Where and When:**

This project will be based at The Cape Eleuthera Institute, on the island of Eleuthera, in The Bahamas. Start date: early 2020 for 6 months

### **Who:**

The suitable candidate is currently enrolled in a M.Sc. or M.Res. program and will see this project as compliment to their ongoing studies. Exceptions for the right undergraduate student will be considered.

### **Applying:**

Candidates should apply in writing before **30th September 2019** and include in their application, a current CV with at least three references and a letter of intent. Preference will be given to Bahamian citizens.

### **Principal Investigators:**

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