



Global Ocean Acidification  
Observing Network

## GOA-ON WEBINAR SERIES



***Measuring Protons with Photons:  
a pH Analyzer and community science program to change the  
relationship between humans and ocean science***

**Thursday, 18 March 2021 at 11:00 EDT (UTC -4)**

**Register here: <https://attendee.gotowebinar.com/rt/2312052364919044366>**

**Dr. David Long,**  
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**Webinar description:** Most conventional scientific methods for oceanographic measurement are expensive and require highly trained personnel to operate, deploy, and recover. This makes conducting science and participating in the understanding of global problems like ocean acidification inaccessible to most people, particularly those in underdeveloped areas of the world. This webinar's speakers will ask the audience to consider the following questions: is our colonial scientific system unequipped to solve our modern global problems? Does the threshold to participate in science have anything to do with some of its misunderstanding in culture and policy? This webinar will suggest a new way to think about conducting ocean science by highlighting a new tool, a hand-held pH instrument called the pHyter. The speakers will discuss the pHyter's development and its potential as an interface to make participation and education in ocean acidification available to the masses.