

# Oceanography Seminar

## Edward DeLong

PROFESSOR

DEPARTMENT OF OCEANOGRAPHY  
UNIVERSITY OF HAWAII AT MANOA

**“Random walks and big surprises:  
Marine microbiome properties,  
processes and paradigms, from poles  
to tropics, surface to abyss”**

The past 40 years have witnessed a remarkable sea change in our understanding of the nature, roles, properties and adaptations of marine microbes in a variety of oceanic habitats. The discovery of new microbial lineages, unanticipated ecological processes, and unexpected microbial physiologies, have all influenced our current understanding about the nature and roles of marine microbes in the ocean. In this seminar, I'll trace some of our lab's past and present explorations of the vast microbial seascape, and describe some globally relevant ocean microbiome surprises we've encountered along the way.

**Thursday September 26<sup>th</sup>, 2019 3:00p.m. MSB 114**