It has been said that physiology is “ecology under the worst possible conditions” and nowhere is that a more accurate statement of fact than for microorganisms in the open sea. Over the past 3 billion years of Earth’s history, microbes have adapted and evolved to the rigors of their environment and are continuing to do so as climate varies due to human presence. Historically, the disciplines of microbial physiology and microbial oceanography were relegated to separate Departments, Schools and even Universities, and the practitioners of these seemingly unrelated fields attended separate scientific meetings and published their results in different journals. More recently, a group of visionaries have begun to integrate across the imaginary trans-disciplinary boundaries of physiology and oceanography to study the in situ metabolic processes and controls of microbial growth in the sea. With contributions from leading authorities in this important area of research, this symposium will present some of the recent novel discoveries and develop a prospectus for the future. It should be a very thrilling event and you are all cordially invited to attend.

Invited Speakers

Ken Nealson  
University of Southern California

Carlos Pedrós-Alió  
Marine Sciences Institute, Barcelona

David Kirchman  
University of Delaware

Craig Carlson  
University of California, Santa Barbara

Dan Repeta  
Woods Hole Oceanographic Institution