

This symposium, presented by the Center for Microbial Oceanography: Research and Education (CMORE) in partnership with the Agouron Institute and the Gordon and Betty Moore Foundation, is open to the public

Microbial Physiology and Oceanography

linking genomes to biomes

Moderated by **Dave Karl**

SYMPOSIUM 1: Saturday, June 04, 2011

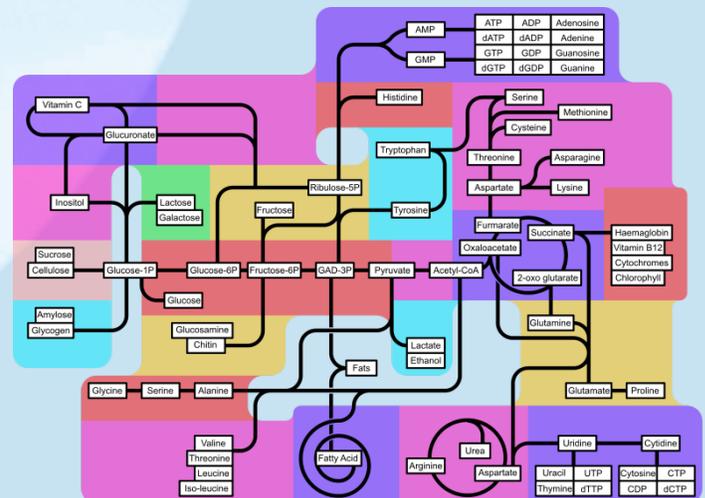
Coffee: 8:30 am; Program begins at 8:45 am • C-MORE Hale, Conference Center, 1950 East West Rd, UH Mānoa

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 Neelson**
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



Visit cmore.soest.hawaii.edu/summercourse/2011/ for details.

Coffee service begins at 8:30 am, with the first presentation starting at 8:45 am. Lunch will be provided; a reception will follow the symposium. **Please RSVP to Sharon Sakamoto** (sharons@soest.hawaii.edu) by Wednesday, June 01.

