

Sea soup: The amazing world of marine microbes

A six-part workshop for K-12 educators

Marine microbes give us oxygen to breathe, feed ocean ecosystems, and moderate the climate. They are the most abundant organisms on the planet and occupy almost every conceivable habitat, yet we still know very little about these micro-organisms. Join us and learn how to bring the exciting, new field of microbial oceanography into your classroom!

Researchers and educators from the Center for Microbial Oceanography: Research and Education (C-MORE) at the University of Hawai'i (UH) have created a professional development workshop to:

- Introduce the key concepts of microbial oceanography
- Incorporate current research technology into the classroom
- Provide standards-based, classroom-tested materials and activities

Course summary:

Week 1 – Introduction to Microbial Oceanography

Week 2 – Marine Food Web Dynamics

Week 3 – Coconut Island Field Trip

Week 4 – Hawai'i Ocean Time Series (HOT): Tour a research ship!

Week 5 – Microbial Biomass

Week 6 – Microbes & Global Climate

Scheduling & Fees:

Each hands-on workshop will meet once a week at UH Manoa from 4PM to 7PM on Mondays, from April 7 – May 12. The supply fee of \$100 covers all educational resources, field trips, lab materials and snacks. Participants who successfully complete the course may borrow supplies and equipment for educational use, free of charge.

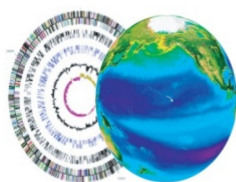
Pre-registration is required by March 1, 2008 and space is limited.

To register, please contact:

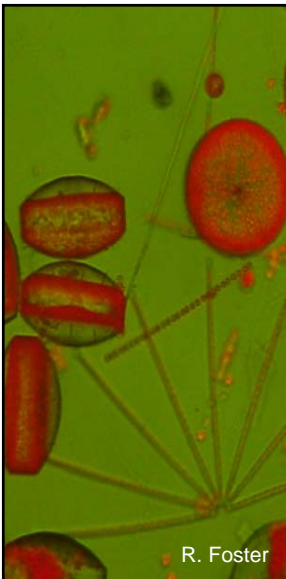
Kate Achilles (kate.achilles@soest.hawaii.edu) or

Kim Weersing (weersing@hawaii.edu)

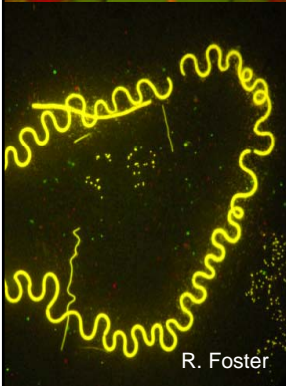
For more information about this workshop, please check out our website: <http://cmore.soest.hawaii.edu/education.htm>



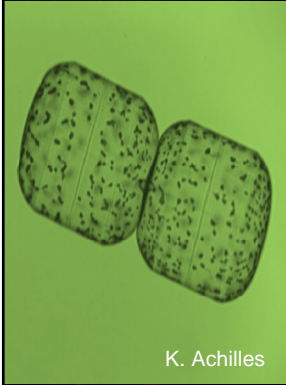
center for microbial oceanography: research and education
c·more *linking genomes to homes*



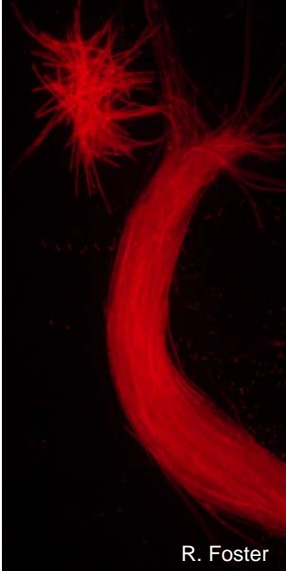
R. Foster



R. Foster



K. Achilles



R. Foster