

What can we learn from the lowly oyster?



The Center for Ocean Sciences Education Excellence-West invites you, your colleagues and students, family and friends, to find out. Admission is free.

“Biocomplexity on a Halfshell:
Using Oysters to Understand Complex Life Cycles in the Oceans”

Dr. Dennis Hedgecock

Professor of Biology, University of Southern California

Wednesday, April 26th, 2006

at Santa Monica College

in room **SCI 145**

6:00-7:00 pm: Public lecture

7:15-8:15 pm: Educators' session

Dr. Hedgecock joined USC College as the first “Paxson H. Offield Professor of Fisheries Ecology” in 2003, after a nearly 30-year career at UC Davis. While he has studied various marine animals, he is best known for his work on Pacific oysters, Pacific salmon and, most recently, white seabass. His work takes on particular importance as we face the limits of what food the oceans can provide to growing human populations.

Dr. Hedgecock has developed new varieties of hybrid Pacific oysters, which grow faster than wild stocks. With support from the National Science Foundation, he and his colleague Dr. Donal Manahan now use state-of-the-art tools to investigate the genetic and metabolic basis of rapid and sustained growth in these hybrids. They also use the oyster as a model to understand the complex life cycles of other marine species.

Parking for the lecture is free to pre-registered participants.
Enter Parking Lot 1 at Pico Blvd. & 19th St.

For campus map and directions to Santa Monica College, visit
http://www.smc.edu/campusmap/main_campus_map.htm

K-12 teachers may get documentation for Professional Development hours upon request.
This event counts toward credit for COSEE-West UCLA Extension course and LAUSD salary point courses.

Eligible pre-registered participants will be paid a stipend. Additional content information and classroom materials will be provided and refreshments will be served in the educators' session.

Teachers & other educators:

Preregister for the post-lecture educators' session to receive content materials, stipend &/or course credit. Contact Peggy Hamner at UCLA, **tel:** 310-206-8247, **fax:** 310-206-3987, **e-mail:** cosee.west@gmail.com

For more information about COSEE-West programs for teachers and to register for other events, please visit our web site, <http://www.usc.edu/org/cosee-west>.

Supported by grants from the National Science Foundation to USC & UCLA for COSEE-West and to the Los Angeles Unified School District for LA-SP. and a grant from Quiksilver, Inc. to USC