

## Plunge into deep water with us to visit the ocean's vents!



The Center for Ocean Sciences Education Excellence-West invites you, your colleagues and students, family and friends, to learn more about these communities at the bottom of the sea. Admission is free.

### "The Future is Uncertain, and the End is Always Near: The functioning and diversity of deep-sea hydrothermal vent animals and communities"

Dr. James Childress

Professor of Zoology, University of California, Santa Barbara

**Wednesday, November 29, 2006**

in Room 159/173, Boyer Hall

University of California, Los Angeles

405 Hilgard Avenue, Los Angeles, CA 90095

**6:00-7:00 pm:** Public lecture

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

Jim Childress received his Ph.D. from Stanford University in 1968, with a research project on physiological adaptations of pelagic animals to oxygen minimum layers in the deep sea. Since then he has been on the faculty at the University of California, Santa Barbara, where he continues his research into the physiology of deep-living pelagic animals. In 2005 he received the Cody Award in Ocean Sciences from Scripps Institution of Oceanography. He has carried out studies in the Eastern Pacific from the Galapagos to British Columbia, in the Western Pacific near Tonga and in the Gulf of Mexico, and has made more than 60 dives in deep submersibles. In 1976 he was involved in the discovery of mussels in the Gulf of Mexico with symbionts that metabolize natural gas, and this mussel species as well as 2 shrimps and 1 jellyfish are named after him. Jim participated in filming the IMAX film "Aliens of the Deep," and when he is not underwater, he is an avid backpacker and sports car driver as well as an occasional writer of poetry.

Parking for the lecture is free. Tell the attendant at any campus information kiosk that you are attending the COSEE lecture. Park at the south end of Lot 2 and follow signs to Boyer Hall.

For campus map and directions to UCLA, visit <http://www.ucla.edu/map/>

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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:**

**Pre-register** 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](mailto: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>.

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