

# Workshop Announcement April 26

## Continue your Own Journey from Shore to Sea by Attending an Oceans Week Teacher Workshop



Photo: Jeff Jones UCSB MSI

The University of California Santa Barbara's Marine Science Institute, and the Channel Islands National Marine Sanctuary have joined efforts to keep the excitement of ocean science alive in your classroom. National Oceans Week, promoted by the National Marine Sanctuary Foundation starting in 2003, is a week where ocean themes are embraced across disciplines in schools and celebrated throughout the community.



A group of dedicated researchers and teachers have been working together developing science kits that contain exciting lesson plans and hands-on student activities. All of the lessons are linked to the California State Science Standards for 6th - 8th grade students, and are derived from actual scientific research projects currently taking place at UCSB.

You and your class can continue to ride on the wave of excitement generated by this year's Jason XIV From Shore to Sea, Exploring the Channel Islands. While attending this workshop you will have an opportunity to try out one or more of the newly developed science kits, interact with marine science researchers from UCSB, and the teachers that developed the kits and lessons. There will also be a field experience as the education team from the sanctuary introduce their sandy beach monitoring kit, part of the LiMPETS Program (Long term Monitoring Program and Experiential Training for Students). This is a new 2003 program being implemented through all five west coast marine sanctuaries.

During the April 26th workshop, the research focus will be on the **"Secrets of Sand: Investigating the Geology and Biology of Sand"**. Find the visible dwellers like sand crabs, worms, beach hoppers, bivalves, and at times grunion eggs too. Discover the invisible protists and microbes that crawl and swim between the grains. You and your students can sample across a beach profile, learn to culture the invisible creatures (it is simple) and observe them multiply over weeks. We are fortunate to have Sarah Williams, who has experience with this kit as a workshop guest speaker.

**When : Saturday April 26th, Hours: 10:00AM - 3:00PM**

**Registration: \$10.00** includes lunch. Registration deadline is **April 4th**.

Please use attached registration form, or register via e-mail and mail your registration fee separately.

**Location:** The Channel Islands Marine Resource Institute (CIMRI) in Port Hueneme Harbor

**For more information:** contact Kathy deWet Oleson at [kathy.dewet@noaa.gov](mailto:kathy.dewet@noaa.gov)

Or, for information on education including workshops at [www.channelislands.noaa.gov](http://www.channelislands.noaa.gov)



# April 26th Oceans Week Teacher Workshop Registration

## Registration Information

1. Registration is on a first come, first serve basis, space is limited. Registration should be post-marked on or before April 4th, 2003.
2. The registration fee of \$10.00 which covers lunch and printed materials should be paid by check and made out to CIMRI (Channel Islands Marine Resource Institute).
3. Completed registration forms and checks should be mailed to:

CI National Marine Sanctuary  
Att. Kathy deWet  
3600 South Harbor Way, Suite 150  
Santa Barbara, CA 93109

4. After processing your registration form, you will receive electronic (Email) confirmation and directions for the workshop. If you prefer to receive this information in printed form, please check this box

Name \_\_\_\_\_

Email \_\_\_\_\_

Address: \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

Day Phone \_\_\_\_\_

School or Affiliation \_\_\_\_\_

UCSB Marine Science Institute



Channel Islands National  
Marine Sanctuary



Channel Islands Marine  
Resource Institute

**CIMRI**