

PUBLIC SERVICE ACTIVITIES

The Press

UC Santa Barbara researcher tapped by Europeans for design of instrument to test soil on Mars, UCSB Press Release December 13, 2005.

UCSB Researcher to design instrument to test soil on Mars, *Spacedaily*, December 14, 2006.

‘Out of this world, MARS: UCSB team may supply digging device, *Santa Barbara News Press*, December 14, 2006.

‘Hot on the Trail; Scientists trek into the backcountry to get samples of a mystery landslide’, *Santa Barbara News Press*, December 19, 2005

‘Secrets Unearthed; UCSB scientists hope drilling in Antarctica unlocks the continent’s mystery *Santa Barbara News Press*, June 12, 2006.

Schools

Outreach Listing:

The Academic Outreach Office in the College of Letters and Science Educational Resources Catalog for K-12 Schools.

Title: Earthquake Presentation

Presenter: Variable/ Institute for Crustal Studies (ICS)

Description: Institute for Crustal Studies researchers will give presentations on earthquakes to schools in the local area. Depending on the class size, presentations can be made in the classroom or at UCSB. Students will learn about different types of earthquakes and will have the opportunity to record their own earthquake. A limited number of presentations are available each year. Scheduling: For more information or to schedule a presentation, contact Giulia Brofferio, ICS, 893-8281, giulia@crustal.ucsb.edu. Intended Grade Level: All

The Institute has an outreach website. <http://www.crustal.ucsb.edu/ics/outreach/>

The quiz found at, <http://www.crustal.ucsb.edu/ics/outreach/understanding/quiz/>

Oneworld School Project

Geology Graduate Student Researcher Beth Pratt-Situala has organized Nepali-California school exchange. Along with her geological PhD research in Nepal, ICS graduate student, Beth Pratt-Situala, has been promoting an exchange between three 6th grade classes in Goleta and 3 schools in Nepal. This outreach effort has evolved into One World School Project.



ONEWORLD school project

a California non-profit organization dedicated to bridging cultural differences and improving education internationally

Oneworld School Project passed its first anniversary, officially incorporated on October 28, 2003. Many of you last heard from us during the March Fundraising Drive. It was very successful! You helped us raise \$4000, which goes a long way in Nepal.

In fact, it went further than we imagined. Not only were we able to supply all the basic science materials that the two schools had asked for, but we had money left over to build cabinets to hold the equipment and to buy furniture for a small-dedicated science lab in the Khudi village school. The next phase will be to actually help the communities build proper large laboratory rooms that can hold an entire class of children. The equipment which both schools now have includes: microscopes, slide sets, hand lenses, dozens of biology charts/models, thermometers, barometer, lenses, prisms, magnets, compasses, pulleys, balances, voltmeter, dynamo, standard acids/bases, standard chemistry glassware, pH paper, science books, and world maps.

The letters have continued to go back and forth between the Nepali and American students. The latest packet just arrived with a returning geologist and couple days ago. Students on both sides of the Pacific have taken disposable cameras home to make visual-diaries of their regular lives. to send their pen pals.

Check out our newly revamped webpage at: www.OneworldSchoolProject.org

Oneworld School Project received tax-exempt status from both the IRS and the State of California, and everyone who donated will be receiving receipts before tax time rolls around.

NEES@ UCSB

NEES@UCSB and the National Science Foundation are committed to providing educational opportunities for students of every age and their teachers. We welcome any who are interested in visiting the field laboratories or the University of California at Santa Barbara. If you wish to visit our field sites, please contact us for health and safety tips as well as possible insurance requirements.

In addition to visiting our site, we provide telepresence so that remote experiments can be viewed over the Internet. Please contact us directly for a schedule.

Useful Links:

[Santa Barbara Earthquake History](#) — Historical information about Santa Barbara area earthquakes

[Up-to-the-minute Southern California Earthquake Map](#) — For Java-enabled browsers only
[Cal Tech's Seismo Lab](#) — The people you see interviewed on T.V.

[The 1906 San Francisco Earthquake](#) — (Museum of the City of San Francisco) Historical information about the 1906 San Francisco earthquake

[U. S. Geological Survey, National Earthquake Information Center](#) — General interest earthquake information including maps

[U. S. Geological Survey, Earthquake Hazards Program](#) — General interest earthquake information including hazard assessments

[U. S. Geological Survey, Western Region](#) — Lots of interesting earthquake information

[Surfing the Internet for Earthquake Data](#) — Mostly for researchers, but links to find maps, etc.

[Earthquake Engineering Research Center](#) — at U. C. Berkeley Lots of historical photographs

[San Francisco Exploratorium Earthquake Info](#) — "Hands on" earthquake education

[Southern California Earthquake Center Data Center](#) — The source for southern California earthquake information

[The Busy Educators Guide to the World Wide Web](#) — A collection of web links compiled by Marjan Glavac for educators

[National Academy of Science](#) — Articles about scientific contributions to current technological advances

Outreach in schools:

Brandon Elementary, Goleta California, January 18, 2006

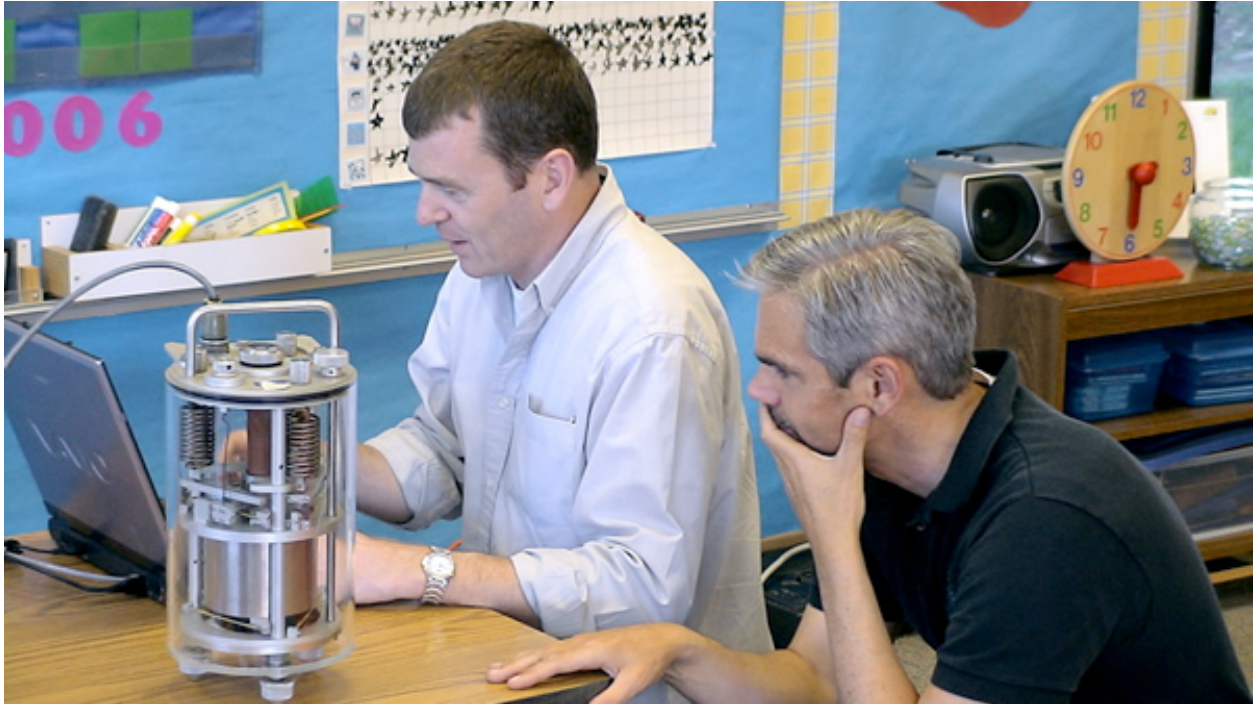
Dr. James Kellogg discussed earthquakes, and how research is being conducted to better understand the effects of earthquakes, as well as how to prevent damage and loss of life. The presentation was made to two sixth grade classes at Brandon Elementary.

Hope Elementary School Science Fair, 2006

The Hope Elementary School Science fair is an annual event. The NEES@UCSB exhibit let children look at a working seismometer in a "see through" plexiglass case. They could type their name into a computer, jump or pound the floor and then take home a printed seismogram with their name on it.







2005-2006 Public Lectures

UCSB Affiliates' *Science Lite* series, *Tsunamis and Earthquakes—A Double Hit. Living in Santa Barbara You Can Have Both—Paradise Lost?*, Ralph Archuleta

The *Science Lite* program provides the university with special opportunities to spotlight UCSB Research activities for non-scientist interested in gaining a fundamental understanding of science and technology.