

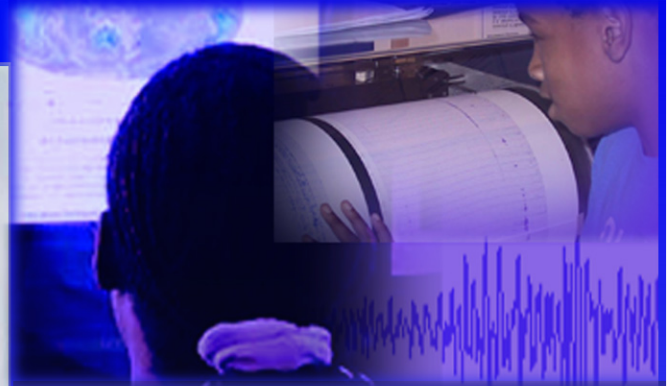
## public earthquake resource center

The Public Earthquake Resource Center (PERC) at CERI is an interactive mini-museum with a goal of awareness of earthquake hazards, earthquake engineering, and seismology. The US Geological Survey also has a branch office at the facility. High-tech displays have been custom designed and built by CERI staff with input from USGS scientists. The PERC, which has hosted over 1000 visitors since its opening in the summer of '04, is staffed by education professionals and is located on the University of Memphis campus. The facility is made possible by funding from:

- The University of Memphis
- NSF-sponsored Mid-America Earthquake Center
- U.S. Geological Survey.

### Displays

- A full-scale liquefaction trench exhibit demonstrating techniques used to date ancient earthquakes
- "Make your own earthquake" with a geophone and oscilloscope
- Liquefaction shake table display
- Real-time local and global earthquake displays
- Helicorder (seismogram) drum display
- Historical earthquake documentation
- Building resonance shake table display
- Hardcopy Earthquake hazard information
- Lesson plans and classroom activities



The K-12 Education Program at CERI, now in its 27th year, reaches thousands of students and teachers annually through structured activities that incorporate national standards for teaching with a focus on increasing earthquake awareness.

Internet connectivity now allows kids and teachers from all over the world to utilize CERI Educational Resources.

CERI tours and presentations are an established annual event for area teachers, teacher organizations, and students.

Research at CERI is integrated into these activities providing faculty with an effective method for disseminating research findings to the general public and important user groups. Information requests from the general public are answered daily.

### CERI Earthquake Resource Center:

- On and off-site presentations
- Teacher training workshops
- Lesson plan development

