

Archived Information

Hands On Science Outreach (HOSO)

Goal: Improving Teacher Quality

Summary: HOSO science enrichment programming is currently being used specifically for teacher education in two instances.

- 1) Career ladder for teachers-In Tennessee, as well as several other locations, HOSO training and group leading has been approved for continuing professional development credits.
- 2) Pre-service use of HOSO materials at Universities. In a project at Texas A & M-Commerce, professors are using HOSO class experiences to support pre-service teacher science education.

Purpose: To utilize HOSO training and leading experiences to allow in-service and pre-service teachers the support of good elementary science teacher modeling and support.

Accomplishment/Results: In the career ladder program, teachers have continued to take advantage of the HOSO teaching opportunity for a number of years. In the pre-service model, research presented at the National Association of Research in Science Teaching in 2002 showed gains for pre-service elementary education students, in-service mentors, and the elementary students of the teachers using HOSO materials.

Plans for the next 12 months:

- 1) Continue with the ongoing career ladder activities
Prepare an NSF grant application for the Texas model to expand and test it.