

Archived Information

University of North Texas (UNT)

Mathematics and Science Initiative

Activity: Texas Center for Educational Technology (TCET)

**Goal area of the activity: Improving teacher quality
Supporting high-quality research**

Summary of work

The Texas Center for Educational Technology (TCET) was established by the Texas legislature to serve as the statewide center for educational technology. TCET concentrates on projects to facilitate the effective integration of technology into educational environments. Current initiatives focus on four key areas: 1.) development, 2.) education/information, 3.) research, and 4.) evaluation. Current projects include:

- 1) Technology Applications Certification Program provides online coursework leading to high school Technology Applications certification and graduate credit for 1,200 Texas teachers;
- 2) Intel@ Teach to the Future provides hands-on instruction and curriculum materials for 40,000 Texas teachers;
- 3) Insight, the South Central Regional Technology in Education Consortium (RTEC) Instrument Library and Data Repository, provides a centralized library of Web-enabled evaluation instruments.
- 4) The South Central RTEC Higher Education Cadre's purpose is to create and nurture a network of educator preparation institutions across a six state region;
- 5) The Technology Leadership Institute, a Preparing Tomorrow's Teachers to Use Technology Catalyst project, is a collaborative project supporting the integration of technology into teacher preparation programs;
- 6) The TLI Web Library serves to create and house multimedia curricular materials;
- 7) Texas STARgate is an online portal to serve Technology Applications professional development and credentials for Texas teachers;
- 8) The Technology Services Division provides professional development offerings and coordinates the evaluation of technology projects across Texas.

Past projects of interest:

- 1) The Technology Applications Center for Educator Development, a statewide curriculum center for the Texas Technology Applications curriculum;
- 2) Super Collider Opportunities for Public Education, a project using assets from the remains of the Superconducting Super Collider program, provided equipment and training for Texas science educators.

Purpose of activity: To develop models and strategies to facilitate the effective integration of technology in K-12 classrooms.