

## **Optimal Viewing Distances for Deaf Students**

**By Beiter, Karen**

The Americans with Disabilities Act mandates aural-to-visual access for Deaf/Hard of Hearing students who request these accommodations. These students must either watch the accommodations close and clearly, or be far away to see everything but not clearly. We tested an automated tracking video system that enables video to be captured closeup and clearly. We set this up such that the pan-capable camera does not rely on any classroom infrastructure, or any special accommodations by the lecturer. We present the results of a study evaluation of two videos, one at 5 feet with pan/zoom, and the other at 10 feet.

### **Biography**

Karen Beiter is an Assistant Professor/Program Coordinator at NTID/RIT. In addition to teaching a variety of computer related courses, she provides tutoring to cross-registered deaf/hard-of-hearing students studying for baccalaureate degrees. Her primary area of research is in classroom accessibility for deaf/hard-of-hearing through evolving technology especially utilizing mobile devices.