

## **Abstract**

### **Distance Learning Pilot: Physics and Mathematics Part I; Part II To Continue At 11:00**

#### **NTID/RSD Distance Learning Team**

A panel presentation will report on the results of a collaborative distance-learning pilot between the Rochester School for the Deaf (RSD) and the National Technical Institute for the Deaf (NTID), focusing on Physics and Mathematics. Students participating in the pilot were high school seniors at advanced levels in RSD's curriculum, with participating teachers representing collaborative teams made up of RSD and NTID colleagues. Distance learning strategies represented an interweaving of videoconferencing, web-based support, locally installed simulation software, and on-site tutoring. Results and implications of the pilot will be presented and discussed in terms of pre/post-test results for students, qualitative assessment of participant experiences, the benefits and challenges of working collaboratively between two schools, and the costs, benefits, and drawbacks of applying these particular instructional technologies in support of deaf learners-from both technological and educational perspectives.