


Handouts on Web  
<http://www.pen.ntid.rit.edu/pdf/techsym05.pdf>

## A Report on the 2005 NTID Instructional Technology & Education of the Deaf Symposium

**E. William Clymer**

PEN-International  
<http://www.rit.edu/~techsym>  
 July 18, 2005

Paper Presented at the International Congress on the Education of the Deaf (ICED), Maastricht, The Netherlands



## Overview


- June 27 – July 1, 2005
- Sponsored by:
  - NTID
  - Nippon Foundation
  - PEN-International
- 248 Participants
  - 17 Countries


  




## Participants


- Curriculum Level
  - Postsecondary 33%
  - K-12 14%
  - Not Specified 53%
- Teachers 32%
- Administrators 15%
- Technologists 10%
- Not Specified 43%





## Program

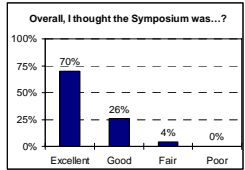
- 2 Plenary Addresses
- 44 Concurrent Presentations
- 24 Poster Sessions
- 8 Commercial Exhibits
- 10 Post-Symposium Workshops



## Overall Evaluation




Overall, I thought the Symposium was...?



*"It's been my new inspiration and motivation."*

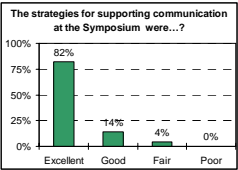
2005 Symposium Participant




## Sign Language and Communication Services

- Skilled Interpreters
- Communication Facilitators
- Real-Time Captioning
- Real-Time Graphic Display
- Assistive Listening Devices

The strategies for supporting communication at the Symposium were...?





## Program Overview

### 4 Strands

- Using Technology to Support Learning
- Online and Distance Education
- In-Service/Pre-Service Strategies for Educating Teachers in Technology
- Assessing the Impact of Technology in the Teaching/Learning Process



7/12/2005

7

## Plenary Addresses

### Judith E. Heumann

Recognizing Technological Advances Benefiting Individuals with Disabilities; and Acting as Agents for Change



### Markku Jokinen

Positioning Ourselves for the Impact of Instructional Technology: 2005 and Beyond



7/12/2005

8

## Concurrent Presentations

- 44 Formal Presentations
- 30 Minutes for presentation; 15 minutes for discussion
- 4 Sessions held concurrently



*"I thought the selection of topics matched my interests and needs best of all."*

2005 Symposium Participant



7/12/2005

9

## Highest Rated Sessions

- "Technology Integration in the K-12 Classroom" (T11A)
- "BSL Tuition in the Hands of Deaf People – a BSL Academy" (T10C)
- "Creating a Book-on-Demand: Publishing a Workshop Planner's Guide for Promoting Classroom Access" (T9A)
- "Technology in the ASL/English Bilingual Classroom" (T10A)
- "Achieving Goals! Career Stories of Individuals Who are Deaf or Hard of Hearing" (W10C)
- "I Can SEE What You HEAR!" (T10D)



7/12/2005

10

## Technology Integration in the K-12 Classroom (T11A)

- Mari Liles  
Texas School for the Deaf  
Email: [mari.liles@tsd.state.tx.us](mailto:mari.liles@tsd.state.tx.us)

Tuesday, 6/28/05 -- 11:00 AM  
Location: LBJ [060] Panara Theatre

Strand: Using Technology to Support Learning  
Type: Formal Audience: All

**Summary:** Students and teachers at Texas School for the Deaf are integrating technology into every aspect of the curriculum. Come see how our students and teachers are using electronic whiteboards (ACTIVBoards), document cameras (Elmos), laptops, digital cameras, various software applications and more to enhance and inspire learning.



7/12/2005

11

## BSL Tuition in the Hands of Deaf People – a BSL Academy (T10C)

- A. Clark Denmark  
University of Bristol  
Email: [a.c.denmark@bristol.ac.uk](mailto:a.c.denmark@bristol.ac.uk)
- Tim Rarus

Tuesday, 6/28/05 -- 10:00 AM  
Location: LBJ [060] 2590

Strand: Online and Distance Education  
Type: Formal Audience: All

**Summary:** A Proposal from the British Deaf Association for training to establish a United Kingdom wide framework to support the Recruitment, Training and Deployment of British Sign Language Tutors, which will enhance their numbers, status and levels of Qualification through Distance Learning.




7/12/2005

12

### Creating a Book-on-Demand: Publishing a Workshop Planner's Guide for Promoting Classroom Access (T9A)


- Donald Beil  
NTID/RIT  
Email: [don.beil@rit.edu](mailto:don.beil@rit.edu)
- Alan Cutcliffe  
Susan Foster  
Gary L. Long  
Marsha Young



**Tuesday, 6/28/05 -- 9:00 AM**  
**Location: LBJ [060] Panara Theatre**

**Strand:** Using Technology to Support Learning  
**Type:** Formal **Audience:** All


**Summary:** This session describes the experiences of Project Access, which promotes access for deaf/hard-of-hearing students, in creating a book-on-demand on leading workshops that promote access. The processes of creating source material, designing pages, and working with an on-line publisher to catalog and print books one at a time as needed will be described.



7/12/2005 13

### Technology in the ASL/English Bilingual Classroom (T10A)


- Rosemary Stifter  
Laurent Clerc National  
Deaf Education Center  
Email: [rosemary.stifter@gallaudet.edu](mailto:rosemary.stifter@gallaudet.edu)



**Tuesday, 6/28/05 -- 10:00 AM**  
**Location: LBJ [060] Panara Theatre**

**Strand:** Using Technology to Support Learning  
**Type:** Formal **Audience:** K-12


**Summary:** Our goal is to create an ASL/English bilingual classroom using technology to enhance social and academic proficiency in both languages. Examples of technology use will be provided to reflect the interactions between two languages and how students benefit from hands on experiences and visual learning in a linguistically rich environment.



7/12/2005 14

### Achieving Goals! Career Stories of Individuals Who are Deaf or Hard of Hearing (W10C)

- Pat Billies  
NTID/RIT  
Email: [pabnca@rit.edu](mailto:pabnca@rit.edu)
- Regina Kiperman-Kiselgof



**Wednesday, 6/29/05 -- 10:00 AM**  
**Location: LBJ [060] 2590**

**Strand:** Online and Distance Education  
**Type:** Formal **Audience:** All


**Summary:** Come and view the multi- award winning video and Web site project, providing strong role models that influence the aspirations of young students who are deaf or hard of hearing! Newly released video features individuals working with computers!



7/12/2005 15

### I Can SEE What You HEAR! (T10D)


- Pat Billies  
NTID/RIT  
Email: [pabnca@rit.edu](mailto:pabnca@rit.edu)
- Marcia Kolvitz



**Tuesday, 6/28/05 -- 10:00 AM**  
**Location: LBJ [060] 3237**

**Strand:** Using Technology to Support Learning  
**Type:** Formal **Audience:** All

**Summary:** Exciting new technologies make it easier for deaf and hard-of-hearing students to access classroom as well as co-curricular activities! This presentation will look beyond traditional interpreting and notetaking. We'll introduce you to various systems of speech-to-print technologies for classroom access, both live and remote: Realtime Captioning and C-Print. Video remote interpreting will also be discussed as an option to traditional "live" interpreting. Innovative wireless technologies such as video relay interpreting and Internet-based systems will also be discussed.



7/12/2005 16

### Poster Sessions

- 24 Poster sessions
- 12 at one time
- Opportunity to discuss one-on-one
- Hands-on
- No other events
- Networking opportunity





7/12/2005 17

### Commercial Exhibits

- 8 Organizations with products and services
- Relevant to participants
- Available throughout the Symposium





7/12/2005 18

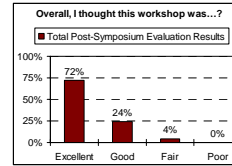
## Post-Symposium Workshops

- Hands-on opportunity for skill development
- 10 Workshops in total
- 57 Participants



19

## Post-Symposium Workshops



20

## Symposium Evaluation

- What did you like most about the Symposium?
  - Networking with colleagues from other countries – 39%
  - Variety/Selection of topics – 21%
  - Operations: Friendly staff, flowed nicely, session length – 29%
  - Provided practical information – 11%
  - Gained knowledge about technologies – 7%
  - Sharing different teaching approaches – 7%



21

## Symposium Evaluation

- Based on your Symposium experiences, what changes will you make at your worksite, your professional development activities, or in your studies?
  - Integrate new ideas/strategies – 28% (Provided inspiration that will carry over)
  - Conduct further research on new ideas/strategies – 14%
  - Reach out to new contacts – 11%



22

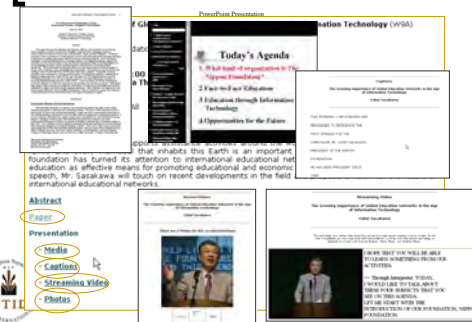
## <http://www.rit.edu/~techsym>

- Each plenary, concurrent, poster and workshop on WWW.
- Papers, presentation media, caption files, video and photos.



23

## Accessing Symposium Resources on the Web



24