

PEN-International R-I-T NTID

Accessible Distance Learning: An International Perspective

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Topics for Today's Presentation

- Background of PEN-International
- PEN's Use of Distance Learning Technologies
- Demonstration of Videoconference with Philippines
- Cyber Infrastructure "Summit" Report


2

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RIT/NTID Information

- PEN-International
- RIT (University)
 - Nine Colleges
 - Students
 - 13,000 Undergrad
 - 2,400 Graduate
- NTID (College of RIT)
 - 1250 Students
 - 475 Faculty/Staff
 - Direct Service and Supported Students



3

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The Nippon Foundation of Japan

- Improve Education in Participant Countries
- Establish International Network
- Provides Funds for PEN-International



4

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PEN-International Goals

- Improve Teaching, Learning and Curriculum Development
- Increase the Application of Technology to Teaching and Learning
- Expand Career Education Opportunities for Deaf and Hard-Of-Hearing People Around the World

5

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PEN-International Vision



6

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Implementation Strategy

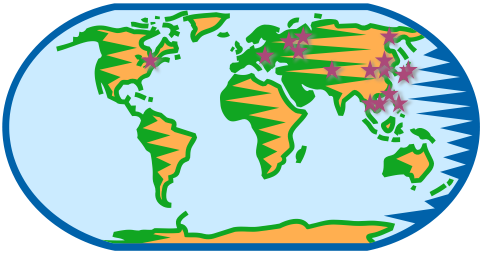
- Faculty Training & Development
- Online and WWW Resources
- Multimedia Computer Centers
- Evaluation & Research
- Dissemination
- Student Leadership & Empowerment



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PEN Partner Locations!



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Demonstration Call to CSB

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Online and WWW Resources

- Instructional Technology Course
 - Enhanced use of blended course presentations
 - Discussion and participation facilitated
 - Grading easier




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Online and WWW Resources

- Improved Workshop Resources
 - All partner access
 - Relevant Languages




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Multimedia & Computer Centers

- New Computer Center Accomplishments/Enhancements
 - CSB Expansion



13

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PEN Use of Videoconferencing

- Business Meetings
- Informational Discussions
- Formal Training
- Move towards Bridging, Captioning and IP Protocol

14

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A Status Report on the Deaf and Hard-of-Hearing Cyber-Community Summit

- Led by Rochester Institute of Technology (RIT) National Technical Institute for the Deaf (NTID) and University of Washington (UW)
- Supported by the National Science Foundation (NSF)
- Held on Campus of RIT immediately following Symposium
- 50 leaders of support service provision for postsecondary deaf students in STEM (Science, Technology, Engineering, and Mathematics) programs

15

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Summit Goals

- Report on the current state of online remote interpreting and captioning
- Identify the benefits and challenges associated with implementing a multimedia cyberinfrastructure to support d/hh students in STEM mainstreamed classrooms

16

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Summit Web Site

- <http://www.ntid.rit.edu/cat/summit/resources.html>

17

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Groups

- 50 leaders divided into 6 constituency groups
- Educational, Linguistic & Sign Language Researchers/ Developers
- Coordinator of Support Services
- STEM Faculty
- Cyberinfrastructure Specialists
- Educational Captioners & Interpreters
- Students

18

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Plan

- Each group to presented to Summit gathering benefits and challenges associated with developing a multimedia cyberinfrastructure specific to area of expertise
- Groups discussed challenges and developed recommendations on how to implement a multimedia cyber-infrastructure for d/hh students mainstreamed in STEM
- Each group presented to Summit gathering group recommendations

19

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Initial Draft

- Posted for Public Review Soon.
- Will be Posted on Web Site.

20

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Scope

- Services
 - Interpreting
 - Captioning
 - Notetaking
- Remote Services in Various Learning Environments

21

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Researchers

- Match Student to Technology
- Preferences vs. Performance
- Elements of Successful Business Model
- Measuring Success

22

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Coordinators of Support Services

- Identifying Service Providers
- Retaining Service Providers
- STEM Issues
- Support from Faculty and Tech Support
- Prioritizing and Last Minute Requests

23

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STEM Faculty

- Keeping Students Engaged
- Understanding Communication and Educational Processes for Deaf Students
- Participation During Class and After Class Activities

24


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Cyberinfrastructure Specialists

- Develop Approaches, Methods and Techniques
- Develop System Integration, Operation and Administration
- Create an Experimental Platform and Testbed


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25


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Captionists and Interpreters

- Technical/Logistical
- Communicative/Linguistic
- Pedagogical
- Professional Standards


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26


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Students

- Respect and Recognize Diversity
- Educating the Provider
- Develop Social Network of STEM Students
- Virtual Support


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27