PEN-International is funded by a grant from The Nippon Foundation of Japan to NTID.

Nippon Foundation of Japan
- Provides Funds for PEN-International
- Establish International Network
- Improve Education in Participant Countries

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

Vision
- Enhance Local Capability
- Global Networking Capability
- Eventually, All Partners Will Become Centers of Excellence

By 2005 PEN-International Will...

E. William Clymer
James J. DeCaro
PEN-International
NTID, USA
http://www.pen.ntid.rit.edu
March 21, 2003
A paper presented at the 18th International Conference Technology and Persons with Disabilities, Los Angeles, CA.
**Expected Long-Term Effects**
- Local Faculty Better Prepared
- Local Institutions Become Exporters
- Deaf and Hard-Of-Hearing People Better Prepared

**Implementation Strategy**
- Needs Assessment
- Faculty Development Model
- Establishment of Multimedia Computer Centers
- Online and WWW Resources
- Evaluation & Research

**Needs Assessment First!**
- PEN-International Philosophy
  - Local Determination of Needs
- Instructional Technology
- Curriculum Issues
- Deafness!!
- How Business is Conducted at NTID

**Facility Development**
- Professional Development Model
- Sound Instructional & Technology Practice
- On-going

**Multimedia Computer Centers**
- Faculty Development of New Skills
- A Teaching Classroom and Student Lab with High Technology
- Video Conferencing
- Receive & Use Online Learning Resources

**Online & WWW Resources**
- PEN-International Materials on WWW
- All Workshop Materials on WWW
- Videoconferencing Employed for Training & Communication
PEN-International is funded by a grant from The Nippon Foundation of Japan to NTID

PEN-International Web Pages
- Communicate
- Teach
- Center of “Network”

http://www.pen.ntid.rit.edu

Evaluation and Research
- Levels of Impact
- All Training, Exchange and Cultural Activities

Levels of Impact*
- Participants’ Reaction
- Participant’s Learning
- Organization Support & Change
- Student Learning Outcomes

*Thomas R. Guskey, Journal of Staff Development, Fall 1998

Evaluation & Research: Workshops
- Training in USA
- Follow-up Training in Country
- Training of Others in Country
- Regional Training

Evaluation & Research: Faculty Developed Materials
- Examples are Collected
- Examples are Reviewed
- Feedback is Provided

Evaluation & Research: Impact on Students
- Lab Utilization
- Student Satisfaction with the Lab
- Student Work Using the Lab
Evaluation & Research: Cultural Exchanges

- Student Trips
- Haiku Competition
- WWW Design Competition
- Faculty Exchanges


PEN-International Partners

- Tsukuba College of Technology, Tsukuba, Japan
- Tianjin University of Technology, Tianjin, China
- Bauman Moscow State Technical University, Russia
- De La Salle University-College of Saint Benilde, Philippines

Tsukuba College of Technology

- Established in 1990
- Technical College for Deaf Students
- Approximately 200 Students

Tianjin University of Technology

- Established in 1991
- First Technical College in China
- Serves 125 Students

Bauman Moscow State Technical University

- Deafness Center Started in 1990
- Students Mainstreamed
- Serves Approximately 250 Students

De La Salle University College of Saint Benilde

- Deaf Education Program part of College of Saint Benilde
- Serves Approximately 150 Students
Recent Accomplishments

1. Haiku Contest
   - NTID Competition (2002)
   - TCT Competition (2002)
2. Cultural Exchanges
3. Dedication of Bauman Multimedia Laboratory (November 2002)
4. Chinese University Hosts PEN-International Seminars (November 2002)
5. Seminars at TCT (August 2002)
6. ESL Methods and Online Learning (July 2002)
7. Deaf Education and Online Learning (June 2002)
   - Workshop Resources
8. CSB Intensive Seminars at NTID (April 2002)
9. Dedication of TCT Multimedia Lab (October 2001)
10. Dedication of TUT Multimedia Lab (October 2001)
11. Training of TUT Faculty at NTID (June 2001)
12. Signing Ceremony at NTID (June 2001)

Future Activities

- Technology Symposium
- Expand Network Within Each Country
- Develop a Sign CD
- Continue Original Training
- Expand Network of Countries
- Evaluation!!

PEN-International
A Worldwide University Collaboration
Serving Deaf Students

E. William Clymer & James J. DeCaro
PEN-International, NTID, USA
March 21, 2003
A paper presented at: the 18th International Conference Technology and Persons with Disabilities, Los Angeles, CA

PowerPoint Presentation:
http://www.pen.ntid.rit.edu/ewc/csun/csunppt.htm
Handouts:
http://www.pen.ntid.rit.edu/ewc/csun/handouts.pdf