




**PEN-International**  
A Worldwide University Collaboration  
Serving Deaf Students

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**Nippon Foundation of Japan**

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



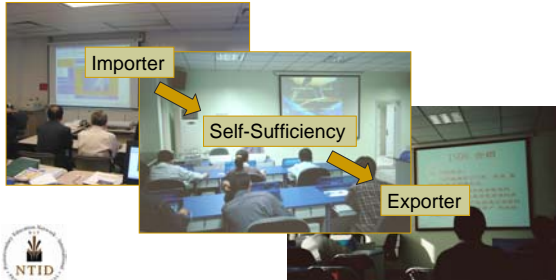



**PEN-International Goals**

- 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**






**By 2005 PEN-International Will..**

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





## Expected Long-Term Effects

- Local Faculty Better Prepared
- Local Institutions Become Exporters
- Deaf and Hard-Of-Hearing People Better Prepared



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## Implementation Strategy

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



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## Needs Assessment First!

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



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## Faculty Development

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



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## Multimedia Computer Centers

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



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## Online & WWW Resources

- PEN-International Materials on WWW
- All Workshop Materials on WWW
- Videoconferencing Employed for Training & Communication



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## PEN-International Web Pages

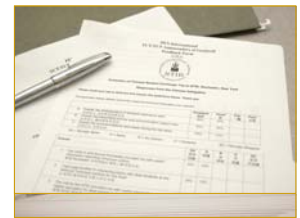
- Communicate
- Teach
- Center of "Network"

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



## Evaluation and Research

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



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## Levels of Impact\*

- Participants' Reaction
- Participant's Learning
- Organization Support & Change
- Student Learning Outcomes



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



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## Evaluation & Research: Workshops

- Training in USA
- Follow-up Training in Country
- Training of Others in Country
- Regional Training



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## Evaluation & Research: Faculty Developed Materials

- Examples are Collected
- Examples are Reviewed
- Feedback is Provided



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## Evaluation & Research: Impact on Students

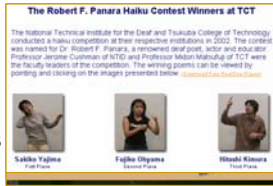
- Lab Utilization
- Student Satisfaction with the Lab
- Student Work Using the Lab



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## Evaluation & Research: Cultural Exchanges

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



[http://www.pen.ntid.rit.edu/webcompetition\\_2002.php](http://www.pen.ntid.rit.edu/webcompetition_2002.php)

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## 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



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## Tsukuba College of Technology

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



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## Tianjin University of Technology,

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



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## Bauman Moscow State Technical University

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



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## De La Salle University College of Saint Benilde

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



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## 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 \(June 2001\)](#)



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## Future Activities

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



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PowerPoint Presentation:

<http://www.pen.ntid.rit.edu/ewc/csun/csunppt.htm>

Handouts:

<http://www.pen.ntid.rit.edu/ewc/csun/handouts.pdf>

