

# PEN-International: 5 Years of Accomplishments

James J. DeCaro, PhD, Director, PEN-International

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**National Technical Institute for the Deaf  
Rochester Institute of Technology**

20 February 2007

Presented to  
CCID 31<sup>st</sup> Annual Conference  
San Antonio, Texas

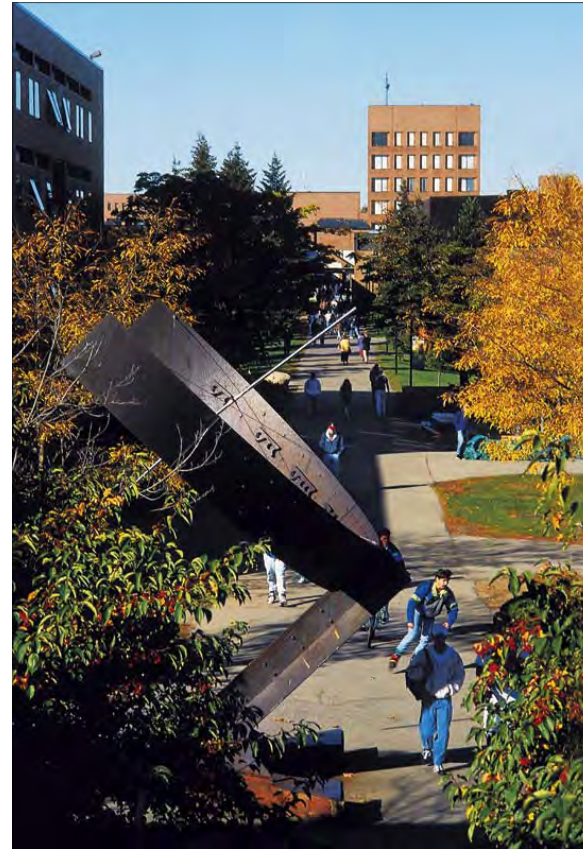
# Topics for Today's Presentation

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- Brief Background of PEN-International
- Recognize Accomplishments of PEN Partners Over the Past 5 Years
- Future Plans and Areas of Collaboration

# 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



# The Nippon Foundation of Japan

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



# Founding of PEN-International

- NTID
- Tsukuba College of Technology (Now N-TUT)
- Tianjin University of Technology
- Bauman Moscow State Technical University
- The Nippon Foundation



# PEN-International Goals

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- 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



# PEN-International Vision

Importer

The diagram illustrates a three-stage process. It begins with a photograph of a classroom where students are seated at desks, looking at a presentation on a screen. An orange box labeled 'Importer' is overlaid on this image. A light blue arrow points from this box to a central photograph of a larger classroom with more students. Overlaid on this central image is an orange box labeled 'Self-Sufficiency'. Another light blue arrow points from the 'Self-Sufficiency' box to a third photograph on the right, showing a presentation screen with Chinese text. An orange box labeled 'Exporter' is overlaid on this final image.

Self-Sufficiency

Exporter

# Implementation Strategy

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





# PEN-International Partners

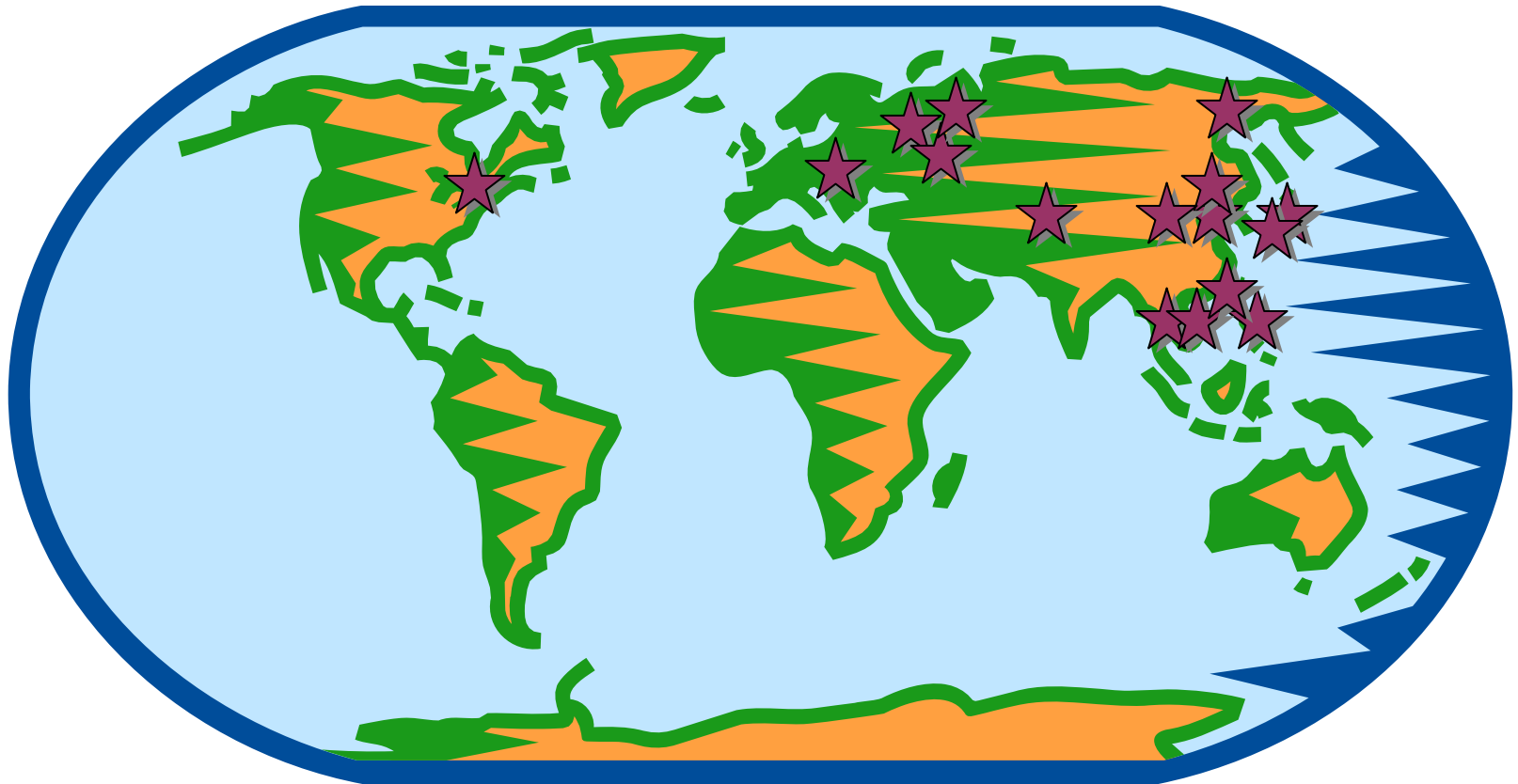
- NTID (USA)
- Tsukuba University of Technology (Japan)
- China
  - Tianjin University of Technology (China)
  - Beijing Union University (China)
  - Changchun University (China)
  - Zhongzhou University (China)
- College of St. Benilde (Philippines)
- Russia
  - Bauman Moscow State Tech University (Russia)
  - Institute of Social Rehabilitation at Novosibirsk State Technical University (Russia)
  - Vladimir State University Center for the Deaf (Russia)
  - Academy of Management “TISBI” at Kazan (Russia)

# PEN-International Partners

## ■ Affiliates

- Charles University (Czech Republic)
- Ratchasuda College (Thailand)
- Dong Nai Provincial Teacher's College (Vietnam)
- Centre for Sign Linguistics & Deaf Studies, Chinese University of Hong Kong (Hong Kong)
- Korea
  - Korea Employment Promotion Agency for the Disabled (KEPAD) (Korea)
  - Korean Nazarene University (Korea)

# PEN Partner Locations!



# Implementation Strategy

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

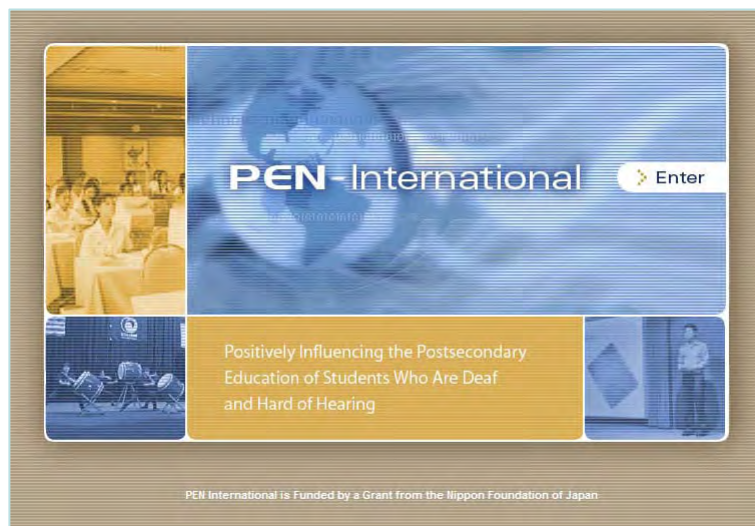
# Faculty Training & Development

- Needs Assessment
- Objective-based Workshops
- Teachers Sharing with Teachers
- Formative & Summative Evaluation




# Online & WWW Resources

## ■ PEN Web Page



## ■ Workshop Page

 Summer Leadership Institute 5-12 August 2006						
	Sunday 6 Aug	Monday 7 Aug	Tuesday 8 Aug	Wednesday 9 Aug	Thursday 10 Aug	Friday 11 Aug
8:00 AM		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
8:30 AM						
9:00 AM	Breakfast	"The Making of Deaf Leaders" (A. Hurnitz & V. Hurnitz)	"Assumptions & Expectations Regarding People Who are Deaf" (P. DeCario)		"Characteristics of Successful Deaf Leaders" (A. Hurnitz)	"From Networking to Employment" (J. Macko)
9:30 AM	Free Time					
10:00 AM		Break	Break		Break	Break
10:30 AM	Welcome (J. DeCario, D. Kavan, D. Ogleman)	"The Making of Deaf Leaders" - cont.	"Assumptions & Expectations" - cont.		"Characteristics of Deaf Leaders" - cont.	"From Networking to Employment" - cont.
11:00 AM						
11:30 AM						
12:00 Noon	Lunch	Lunch	Lunch		Lunch	Lunch
12:30 PM				Field Trip		
1:00 PM				Signage and Video Collage (H)		
1:30 PM	Castle Presentation & Tour (Castle Staff)	"Developing Effective Communication and Negotiation Skills" (J. DeCario & M. Rosica)	"Setting Goals and Achieving Them" (J. Macko & M. Rosica)		"A History of Leadership in Deaf Culture" (P. DeCario, V. Hurnitz)	"Self-Advocacy for Access" (D. Kavan & A. Hurnitz)
2:00 PM						
2:30 PM	Break	Break	Break		Break	Break
3:00 PM						
3:30 PM	Ice-Breaking Activity (A. Hurnitz, V. Hurnitz)	"Developing Effective Communication and Negotiation Skills" - cont.	"Setting Goals and Achieving Them" - cont.		"A History of Leadership in Deaf Culture" - cont.	"Self-Advocacy for Access" - cont.
4:00 PM						
4:30 PM						
5:00 PM	Break/Dinner	Break/Dinner	Break/Dinner		Break/Dinner	Break/Dinner (5-6)



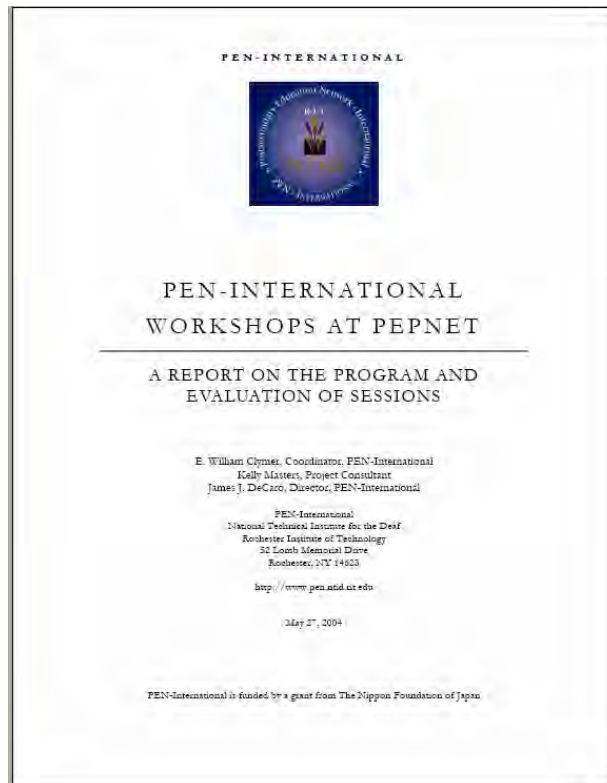
# Multimedia Computer Centers

- Support Student Learning
- Support Faculty Development of Materials
- Videoconferencing Capabilities

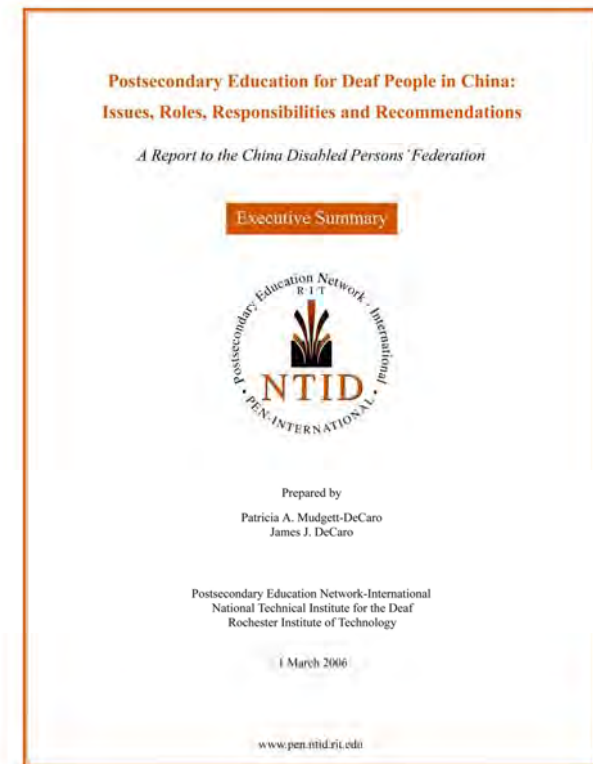


# Evaluation & Research

## ■ Typical Evaluation Report



## ■ Typical Research Report



# Dissemination

- Brochure
- Annual Report



**PEN-International**  
http://www.pen.ntid.rit.edu

University of Rochester, The Nippon Foundation  
Education of the Deaf, World-Wide  
and Career Advancement

The Postsecondary Education Network-International (PEN-International), a multinational partnership of colleges and universities worldwide, was created in 2001. Its goal is to improve and expand postsecondary education for deaf and hard-of-hearing students around the world by sharing educational technology and conducting faculty development and training, particularly in developing countries.

**Host Institution**

**United States of America**

National Technical Institute for the Deaf (NTID)  
at Rochester Institute of Technology (RIT)

The National Technical Institute for the Deaf (NTID), established in 1967 at the Rochester Institute of Technology (RIT), is the world's largest technological college for students who are deaf or hard of hearing and is an international model for educating and preparing deaf students for technology-related careers. Its unique placement at RIT allows more than 1,300 deaf and hard-of-hearing students to study and live with nearly 14,000 hearing students on a 1,200-acre campus.

The support and access services to help deaf and hard-of-hearing students learn highly technical and advanced subjects are unprecedented. During a typical one-year span, NTID logs 80,000 interpreter hours, 40,000 notetaker hours, and 20,000 tutoring hours. Classroom instructors also use a variety of communication strategies, including sign language, speech, finger spelling, writing, and visual aids. NTID employs a total of 475 faculty and staff members, including 110 interpreters, who are experts in deaf-related fields. For many of these reasons, NTID was chosen in 2001 as the host institution for PEN-International.

**PEN-International's Mission**

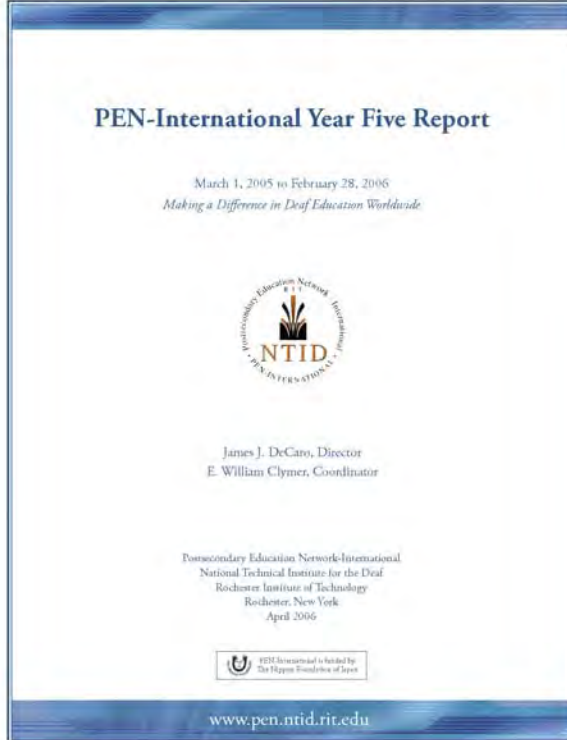
PEN-International works with talented faculty members from colleges and universities worldwide who believe in the mission of creating better career opportunities for deaf and hard-of-hearing people. Using Internet, intranet, videoconferencing, instructional, and information technologies combined with training highly motivated faculty members, PEN-International is improving teaching and learning for thousands of students in China, Russia, the Philippines, Japan, Thailand, and the Czech Republic.

**PEN-International's program consists of three main components:**

- Faculty Professional Development and Training
- Creation of High-Tech/Multimedia Labs at Partner Universities
- Cross-Cultural Exchanges


**Sponsor:** The Nippon Foundation of Japan, established in 1962, provides the grants that support PEN-International. The Foundation believes that all people share a common duty of transcending antagonism and overcoming conflict, so that cultures of the world may establish common bonds and provide assistance to each other. The Nippon Foundation has dedicated itself to meeting that challenge by sponsoring multifaceted networks to improve the circumstances of disadvantaged people around the world.

**PEN-International**  **PEN-International is funded by a Grant from The Nippon Foundation of Japan**




**PEN-International Year Five Report**

March 1, 2005 to February 28, 2006  
*Making a Difference in Deaf Education Worldwide*



James J. DeCato, Director  
E. William Clymer, Coordinator

Postsecondary Education Network-International  
National Technical Institute for the Deaf  
Rochester Institute of Technology  
Rochester, New York  
April 2006

 **PEN-International is funded by The Nippon Foundation of Japan**

www.pen.ntid.rit.edu

# Student Empowerment & Leadership

- Exhibit & Calendar
- Leadership Institute



## *PEN-International 2006 Calendar*

*Making a Difference in  
Deaf Education Worldwide*

*National Technical Institute for the Deaf  
Rochester Institute of Technology*

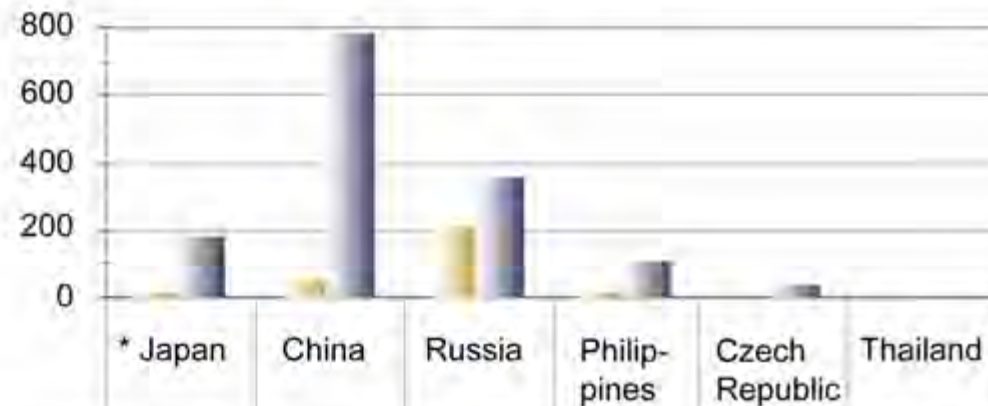
*PEN-International is funded by grants from  
The Nippon Foundation of Japan to NTID*





# Faculty Training & Development

PEN Partner Representatives that Participated  
In PEN Workshops and the Number of Students  
Impacted by the Training

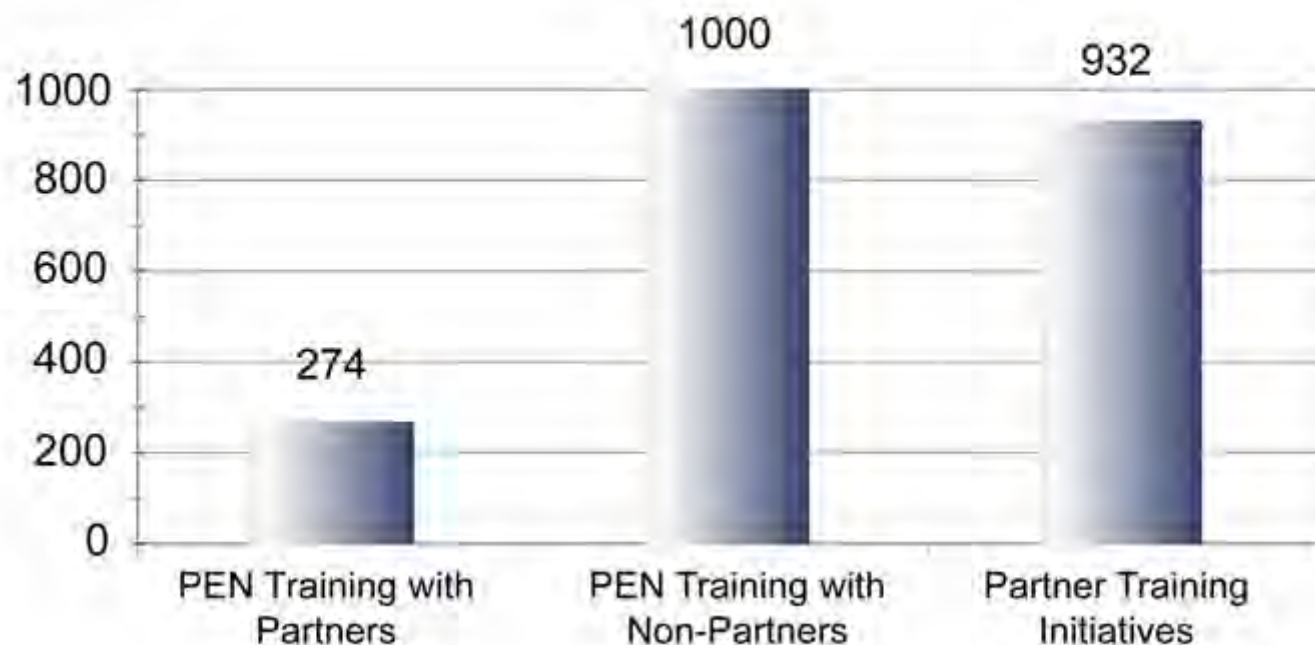


	* Japan	China	Russia	Philip-pines	Czech Republic	Thailand
Number Participated in PEN Training (n=274)	13	45	199	12	5	NA
Students Impacted (n=1430)	175	767	353	100	35	NA

\* Numbers reflect PEPNet-Japan only

# Faculty Training & Development

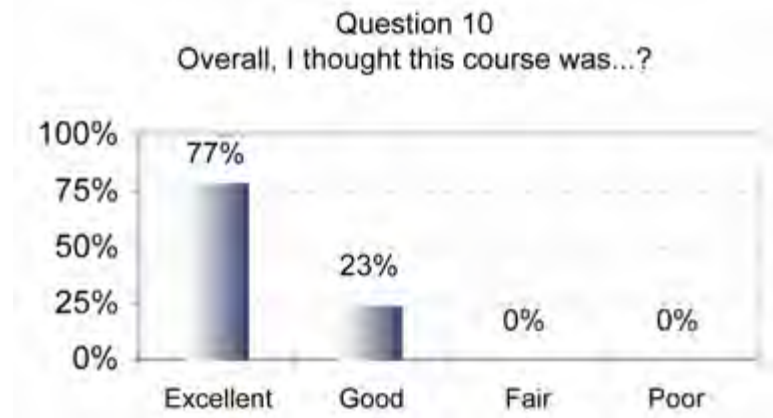
Total Number of Educators of the Deaf Trained in Year 5  
(n=2206)





# Faculty Training & Development

- ASL Course at Ratchasuda College
  - February 2005
  - 40 Individuals Trained



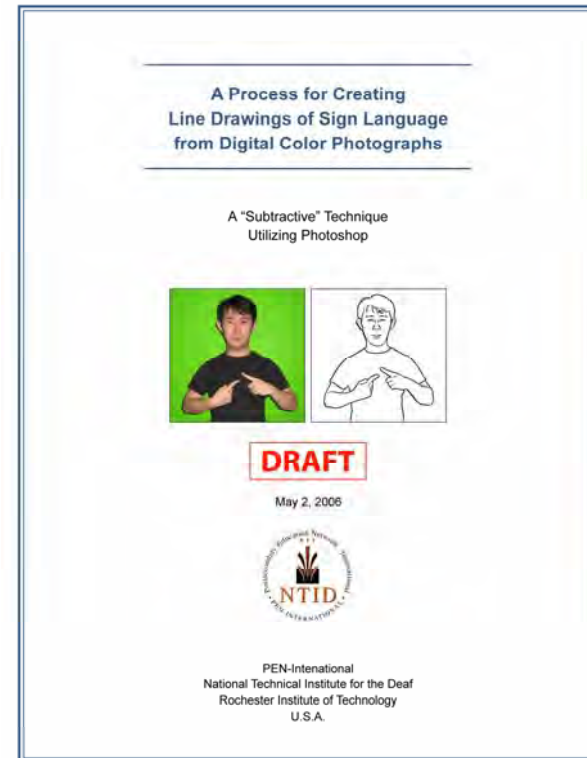
# Faculty Training & Development

- Student Development & Counselor Skills at De La Salle College of Saint Benilde  
Manila Philippines  
– 4-10 March 2006



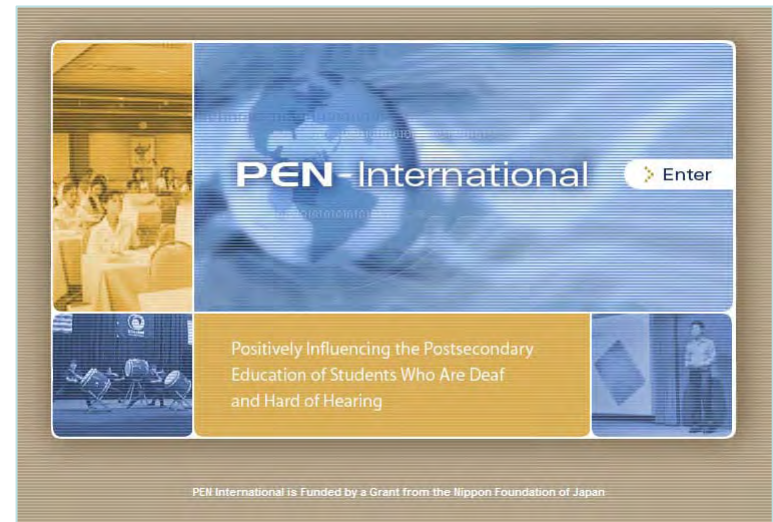
# Faculty Training & Development

- Development of Sign Language Materials
  - Vietnam, Hong Kong, & Philippines
  - March 2006



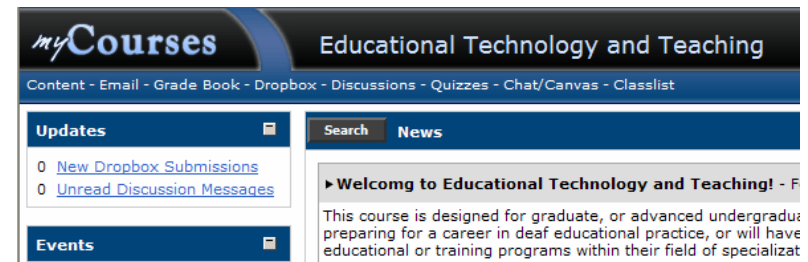
# Online and WWW Resources

- New PEN Web Pages
  - Improved Navigation
  - Better Searches
  - Improved Posting of Workshop Materials



# Online and WWW Resources

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





# Online and WWW Resources

- Improved Workshop Resources
  - All partner access
  - Relevant Languages

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4:00 PM					
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5:00 PM	Break/Dinner	Break/Dinner	Break/Dinner		Break/Dinner



日本語



中文



Русский



# Multimedia & Computer Centers

## Computer Center Use by Partners, Year 5

Partner	Hours/Week Courses	Hours/Week Non-Course
N-TUT	30	27
TUT	40	2
BMSTU	45	0
DLS-CSB	35	32
BUU	36	5
CCU	12	8

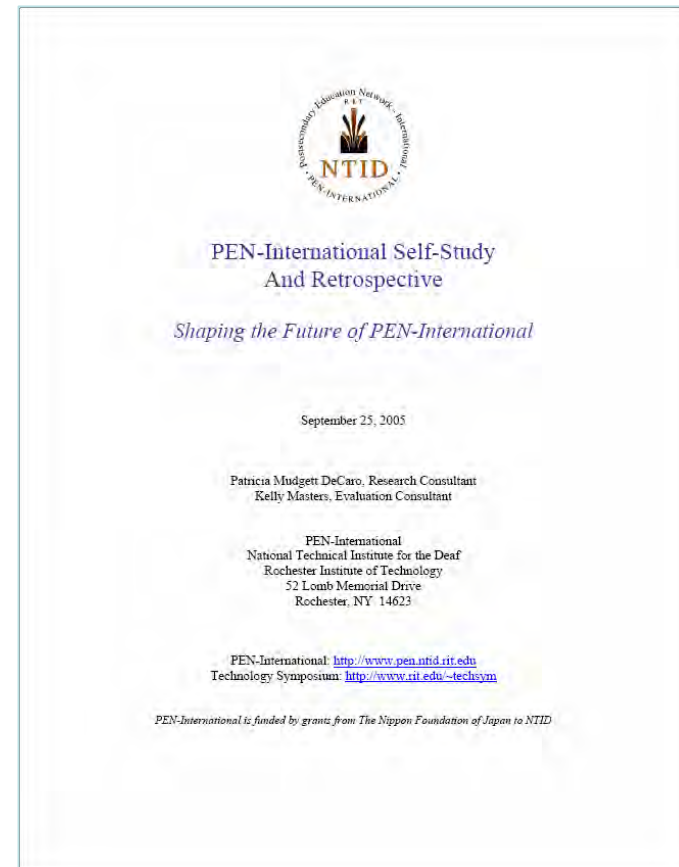
# Multimedia & Computer Centers

- New Computer Center Accomplishments/Enhancements
  - CSB Expansion
  - Video Conference Capability at ZU



# Evaluation & Research

- Self Study
  - Reflect on Successes & Challenges (June 2005)
  - Several Topics Emerged
    - Faculty Development
    - Exchanges
    - Student Development
    - Mainstream Education
    - Instructional Technology



# Evaluation & Research

- Evaluation
  - 2005 Instructional Technology Symposium
  - Full participation of PEN-Partners
  - Evaluation of Quality, Importance, and Communication Support

**Instructional Technology and Education of the Deaf**

Supporting Learners, K-College  
An International Symposium  
Sponsored by National Technical Institute for the Deaf at Rochester Institute of Technology  
The Nippon Foundation of Japan and PEN-International  
June 27 - July 1, 2005  
<http://www.rit.edu/~techsym>

**Overall Symposium Evaluation Summary**

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**Executive Summary**

The National Technical Institute for the Deaf (NTID) co-hosted, with The Nippon Foundation of Japan and PEN-International, an international symposium entitled "Instructional Technology and Education of the Deaf: Supporting Learners, K-College" June 27 - July 1, 2005, on the campus of Rochester Institute of Technology (RIT) in Rochester, New York. The primary goal of the Symposium was to provide a forum, for educators supporting deaf and hard-of-hearing students, to disseminate information relative to current and future innovations and developments in the use of educational media and technology within the teaching and learning process.

A total of 230 teachers, administrators, technologists, and researchers representing 17 countries attended the Symposium. The Symposium consisted of two plenary addresses, 44 formal concurrent presentations, 24 poster sessions, and eight commercial exhibits. Of the formal concurrent presentations, most (32 out of 44) of the topics related to all audiences, eight specifically targeted participants affiliated with K-12, and four targeted participants affiliated with deaf and hard-of-hearing students at the college level only. In addition, 10 post-symposium workshops were offered to provide a hands-on opportunity for participants to develop skills in the application of instructional technologies.

On Monday, June 27, 2005, Judith E. Heumann, Advisor, Disability and Development at The World Bank, opened the Symposium as the first plenary speaker. Ms. Heumann spoke to Symposium participants about the technological advances benefiting individuals with disabilities. On Wednesday, June 29, 2005, Markku Jokinen, President of the World Federation of the Deaf, addressed the Symposium as the concluding plenary speaker. Mr. Jokinen's speech focused on the current impact of instructional technology and how to position oneself appropriately for the future.

Markku Jokinen  
President of the World Federation of the Deaf,  
Addressed Symposium as Concluding Plenary Speaker

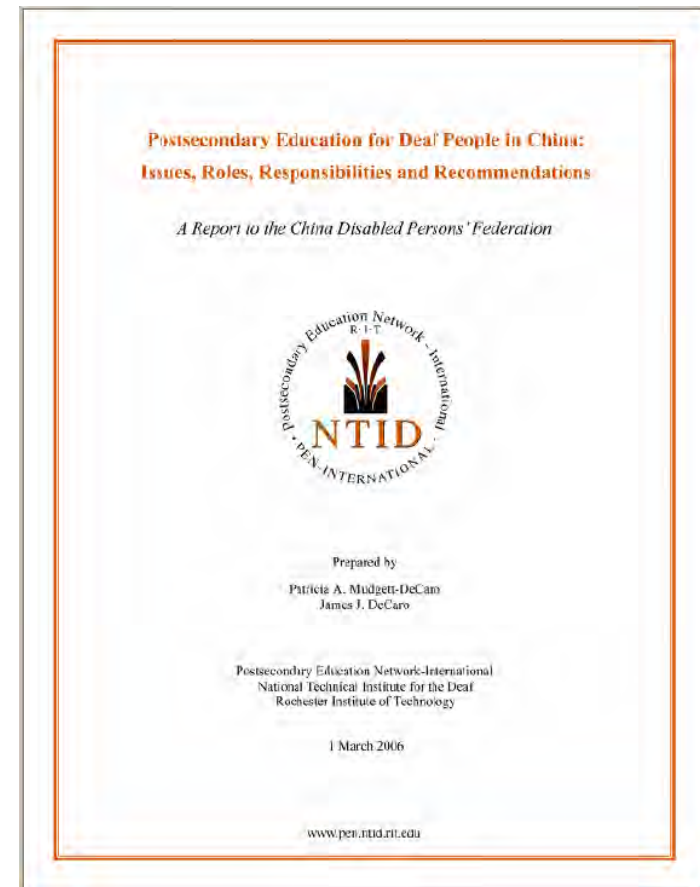
Judith E. Heumann  
Advisor, Disability and Development at  
The World Bank, Opened Symposium  
as First Plenary Speaker

Accessible Technology to  
ive Quality Education for  
en Around the World, Inc  
Children

Overall Symposium Evaluation Summary 2005

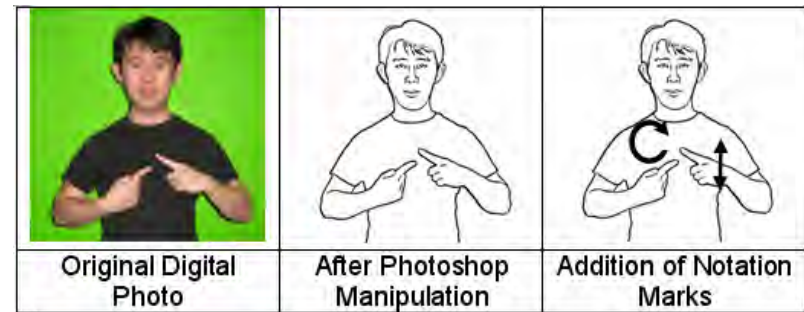
# Evaluation & Research

- Research
  - China Report on Postsecondary Education for Deaf Men and Women in China.



# Evaluation & Research

- Research
  - Sign Language Development
    - Technologies and Methodologies to Facilitate Sign Language Material Development
    - Collaboration and Sharing of Techniques





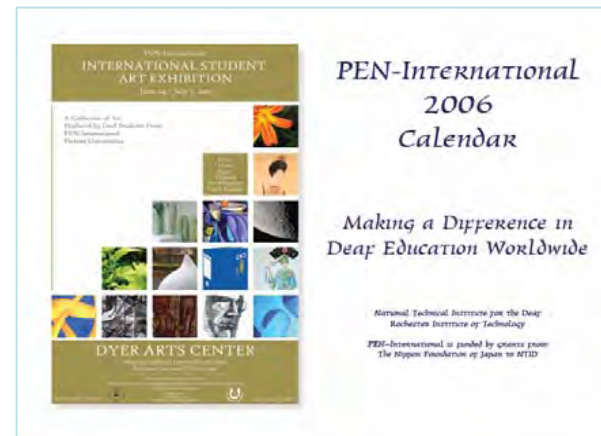
# Dissemination

- Yearly Reports
  - Summary of Accomplishments
  - Focus on Goals & Implementation Strategies
  - Honest Assessment of Quality of Outcomes



# Student Empowerment

- International Student Art Exhibition
  - June 24 – July 5, 2005
  - NTID Dyer Arts Center
  - Calendar of Student Art



# Student Leadership

- Summer Leadership Institute
  - August 2006 in England
  - 20 Students, 16 Interpreters, 5 Faculty and 5 Speakers from NTID



# Exporters

- Expansion of PEN Network within China and Russia During Year 5
  - Zhongzhou University in China
  - NSTU, VSU and Kazan in Russia



# Exporters

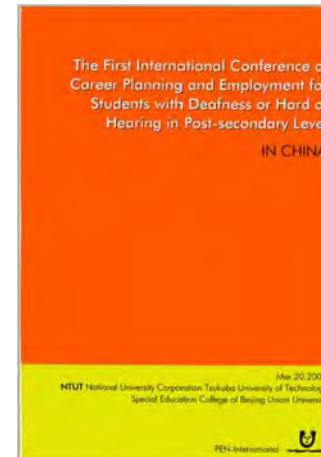
- PEPNet Japan
  - Conference at N-TUT to Establish PEPNet Japan, Oct. 2004
  - To Support Mainstreamed Deaf Postsecondary Students in Japan





# Exporters – Self-Sufficiency

- Career Planning Conference in China
  - 20 March 2006
  - 40 PEN Representatives Attended
  - N-TUT and BUU Collaborated





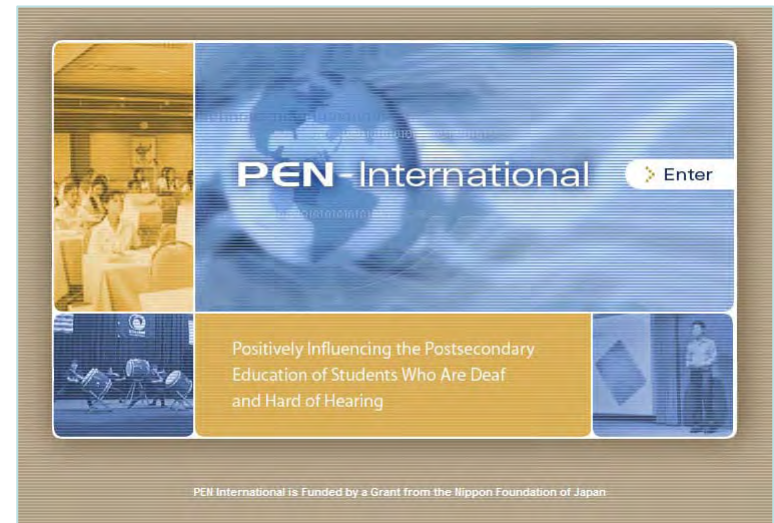
# Recent Recognition

- ComputerWorld Honors Program
  - 2006 Laureate
  - Education & Academia Category
  - Exemplary Use of Information Technology to Promote Educational Change



# Future Activities

- Expand Network Within Each Partner Country
- Continue Original Training
- Expand Network to Other Countries
- Thoroughly Evaluate ALL Outcomes!!



# PEN-International: 5 Years of Accomplishments

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