



# PEN-International

Focusing on Deaf Education in Pacific Rim

**James J. DeCaro**

Director

PEN-International

**E. William Clymer**

Coordinator

PEN-International



Presentation to the NTID National Advisory Group,

28 October 2004

# [ The Nippon Foundation of Japan ]

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



# [ Grant History ]

■	2001	\$ 911,700	
■	2002	\$1,169,700	
■	2003	\$1,198,600	
■	2004	\$1,267,700	
■	2005	\$1,279,300	(proposed)

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Total \$5,827,000



# [ Founding of PEN-International ]

National Technical Institute for the Deaf  
Tianjin University of Technology  
Bauman Moscow State Technical University  
Tsukuba College of Technology  
The Nippon Foundation of Japan



PEN-International



Signing Ceremony  
29 June 2001

# [ 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





## ]



# [ Implementation Strategy ]

- Training & Faculty Development
- Establishment of Multimedia Computer Centers
- Online and WWW Resources
- Evaluation & Research





# PEN- Partners

- NTID (USA)
- Tsukuba College of Technology (Japan)
- Tianjin University of Technology (China)
- Beijing Union University (China)
- Changchun University (China)
- DLSU College of St. Benilde (Philippines)
- Bauman Moscow State Tech University (Russia)
- Charles University (Czech Republic)
- Ratchasuda College (Thailand)



# National Technical Institute for the Deaf (USA)

- Established in 1968 on the campus of RIT
- 1250 Students
- 475 Faculty/Staff



# [ Tsukuba College of Technology ]

(Japan)

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



# Bauman Moscow State Technical University (Russia)

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



# Tianjin University of Technology

(China)

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



# Beijing Union University (China)

- University  
Established in 1985
  - Deaf Program in 1999
- Serves about 125 Deaf Students





# [ Changchun University (China) ]

- Established in 1987
- Serves 200 Deaf Students



# De La Salle University College of Saint Benilde (Philippines)

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



# Ratchasuda College Mahidol University (Thailand)

- Founded in 1991
- 89 Students Who are Deaf

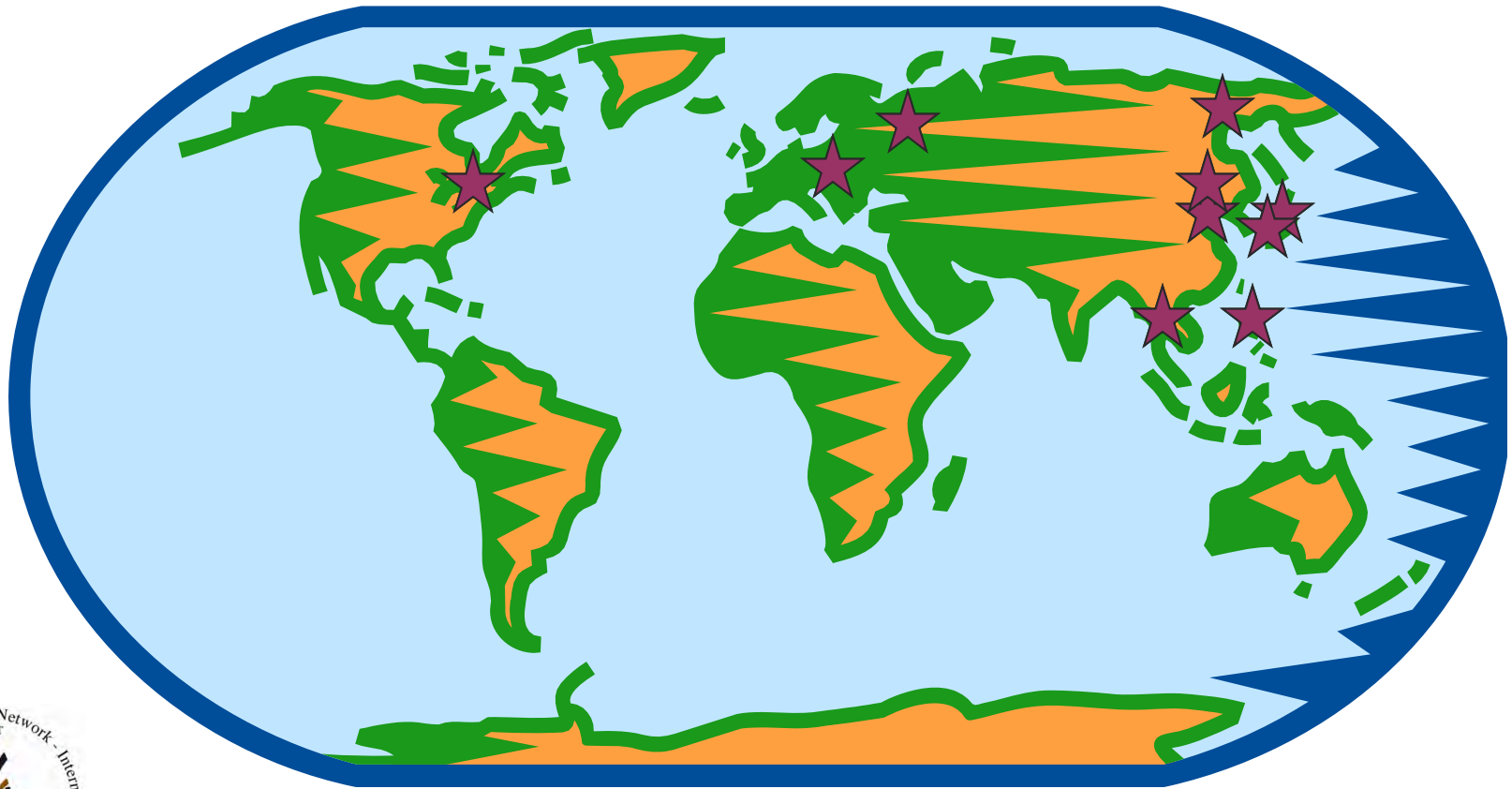


# Charles University (Czech Republic)

- Students Mainstreamed
- Serves Approximately 120 Special Needs Students; 24 Who are Deaf



# [ PEN Partner Locations! ]



# Criteria for Selection

- Strong Administration Support
- History of Educating Deaf Students
- Career Oriented
- Good Management
- Commitment to Excellent, Integrity & Innovation



# [ Implementation Strategy ]

- **Training & Faculty Development**
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# Training & Faculty Development

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



# Recent Workshop Titles

- Counseling Students
- Instructional Technology & Deaf Education
- Student Interaction in the Classroom
- Working with Interpreters in the Classroom
- Working with Employers and Cooperative Education



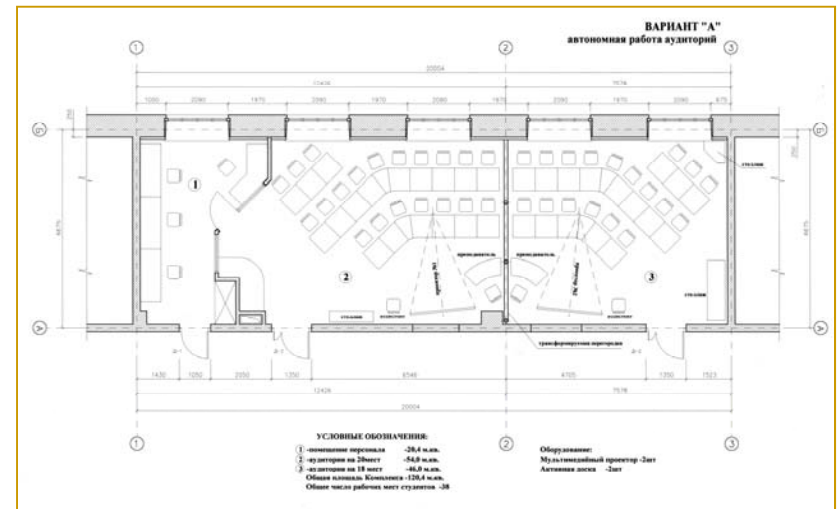
# Faculty Development – Selected Accomplishments

- Instructional Technology Symposium, NTID, June 2003 – All Partners (20)
  - Videoconference (75)
- Training at CSB in 2003 – Philippine institutions (11)
- PEPNet Conference, Apr 2004, All Partners (22)
- Mathematics Workshop in Changchun China, Jun 2004, (35)



# Implementation Strategy

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# PEN Multimedia Computer Labs

- Support Student Learning
- Support Faculty Development of Materials





# [ Lab Specifications ]

- Smart Classroom Technology
- Display Computer, Video, Objects
- Local Area Network
- 12 -18 Student Computer Stations
- **Videoconferencing**



# [ Implementation Strategy ]

- Training & Faculty Development
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# [Online & WWW Resources]

## ■ PEN Web Page



## ■ Workshop Page



**PEN International 在中国长春研讨会**  
教授聋人大学生数学: NTID(美国国家聋人技术学院) 模式  
演讲老师: Vincent A. Daniele 博士  
Joan A. Carr 女士  
6月23-24 日, 2004

PEN International Training in Changchun, PRC  
Teaching Mathematics to Deaf Students: The NTID Model  
Presented By:  
Dr. Vincent A. Daniele  
Ms. Joan A. Carr  
23-24 June, 2004

1. [Schedule](#)
2. [PowerPoint](#)
3. [使用 TI-30X 计算器教课 \(Teaching with the TI-30X\)](#)
4. [了解 TI-83 计算器 代数学基础 \(实验报告例子\) \(Getting to Know the TI-83 Calculator\)](#)



# [ Implementation Strategy ]

- Training & Faculty Development
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- **Evaluation & Research**



# Evaluation & Research

## ■ Typical Evaluation Report



## ■ Typical Research Presentation



# [ Evaluation & Research ]

- a) Participant satisfaction
- b) Participant learning
- c) Participant application of the skills learned
- d) Quality of the application of the skills learned
- e) Impact upon student learning



# Evaluation & Research: Workshops

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



# [ Implementation Strategy ]

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# Cultural Exchanges

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



# Instructional Technology Symposium

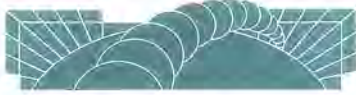
- June 23-27, 2003
- Sponsored by:
  - NTID
  - Nippon Foundation
  - PEN-International
- 275 Participants
  - 12 Countries
- Major Utilization of Video Technology



# [ 2005 Symposium! ]

- June 27-June 30, 2005
- <http://www.rit.edu/~techsym>

An International Symposium  
**Instructional Technology and Education of the Deaf**



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>

[Send Me Information](#)

Overview  
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  └ Recommendation Form

2005 Symposium Scheduled  
Plans are underway for the 2005 Symposium. Mark your calendars for June 27 - July 1, 2005. To receive email updates regarding the 2005 symposium, click on "Send Me Information" to the left.

2003 Symposium Resources Available Online  
To learn how to access the 2003 schedule and online resources, read "[How to Access Symposium Presentation Resources on the WWW](#)". This document describes how to view, online, all presentation summaries, abstracts, media files, captions and video files.

Symposium a Success!

# [Future Activities]

- Expand Network Within Each Country
- Continue Training
- Expand Network of Countries
- Provide Direct Training for Students
- Evaluation, Evaluation, Evaluation



# Questions?

