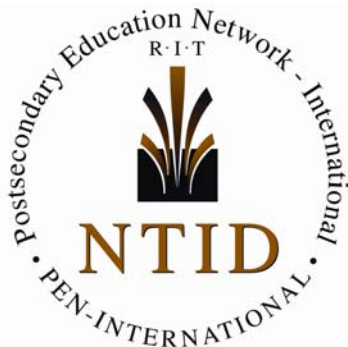


Home Page

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

PEN-International: A University Collaborative To Foster Accessible Postsecondary Deaf Education

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



A presentation at the Sixth Tsukuba College of Technology
International Symposium
13 October 2005
Tsukuba, Japan

[Topics for Today's Presentation]

- RIT/NTID, Home of PEN-International
- PEN-International
- Areas of Collaboration
- Future Directions

RIT Information

- Founded in 1829
- Students
 - ~13,000 Undergrad
 - ~2,400 Graduate
- 1,500 Acre Campus
- Home of PEN-International



[NTID Students, Faculty & Staff]

■ 1250 Students

- 700 Sub-baccalaureate Programs, 475 Baccalaureate Program at RIT, 75 Graduate Students

■ 475 Faculty & Staff

- 200 Faculty, 165 Staff, 110 Interpreters

■ Support During a Year

- 80,000 Interpreter Hours, 40,000 Note Taker Hours, 20,000 Tutoring Hours

Nippon Foundation of Japan

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

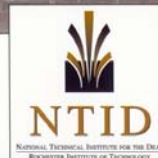


Founding of PEN-International

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



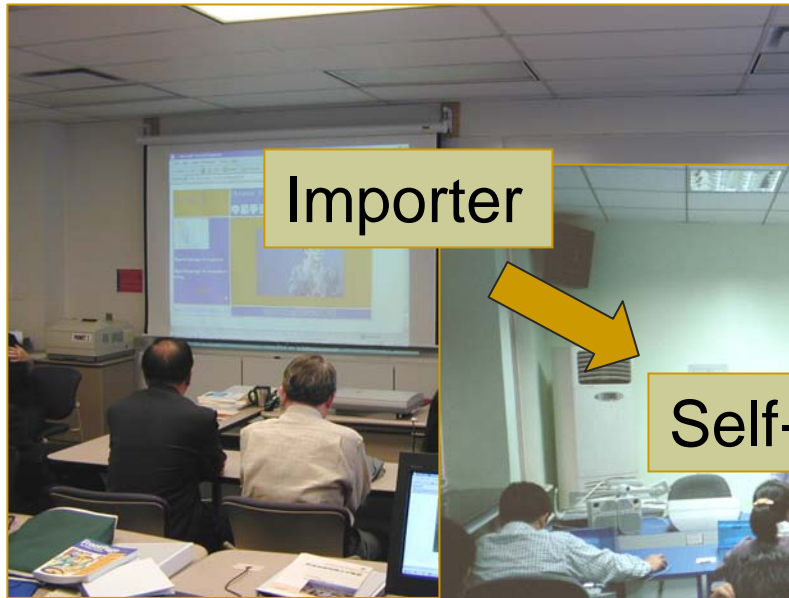
Signing Ceremony
29 June 2001



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

[PEN-International Vision]



[Implementation Strategy]

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



PEN-International Partners

- NTID (USA)
- Tsukuba College of Technology (Japan)
- Tianjin University of Technology (China)
- Beijing Union University (China)
- Changchun University (China)
- Zhongzhou University (China)
- College of St. Benilde (Philippines)
- 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)
- Charles University (Czech Republic)
- Ratchasuda College (Thailand)

National Technical Institute for the Deaf (USA)

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



[Tsukuba College of Technology]

(Japan)

- Established in 1990
- Technical College for Deaf Students
- Approx. 200 Students



Tianjin University of Technology

(China)

- Established in 1991
- First Technical College in China
- Approx. 125 Students



Beijing Union University (China)

- University
Established in 1985
 - Program for Deaf Students
Established in 1999
- Approx. 125 Deaf Students



Changchun University (China)

- Established in 1987
- Approx. 200 deaf students



Zhongzhou University (China)

- Founded in 1980
- Approx 10,000 students, 200 deaf students
- Special Education Institute established in 2002, only Higher Special Education Institute in China's Midwest region.



De La Salle College of Saint Benilde (Philippines)

- School of Deaf Education and Applied Studies of DLS -College of Saint Benilde
- Serves approx. 150 deaf students



Bauman Moscow State Technical University (Russia)

- Deafness Center Started in 1990
- Students Mainstreamed
- Approx. 250 deaf students



Institute of Social Rehabilitation at Novosibirsk State Technical University (Russia)

- Founded in 1950
- 18,000 students
- Institute est. in 1993 to provide high tech education to individuals with disabilities
- Approx. 296 deaf students



Vladimir State University Center for the Deaf (Russia)

- Center of Professional Rehabilitation of the Deaf est. in 1994
- In 2002, became experimental platform for education and social support to deaf children
- Approx. 60 deaf students



Academy of Management “TISBI” at Kazan (Russia)

- Has provided secondary & higher professional training to individuals with disabilities via the internet, since 2001
- Approx. 24 deaf students



Charles University (Czech Republic)

- Students Mainstreamed
- Serves Approximately 120 Special Needs Students; Approx. 24 deaf students

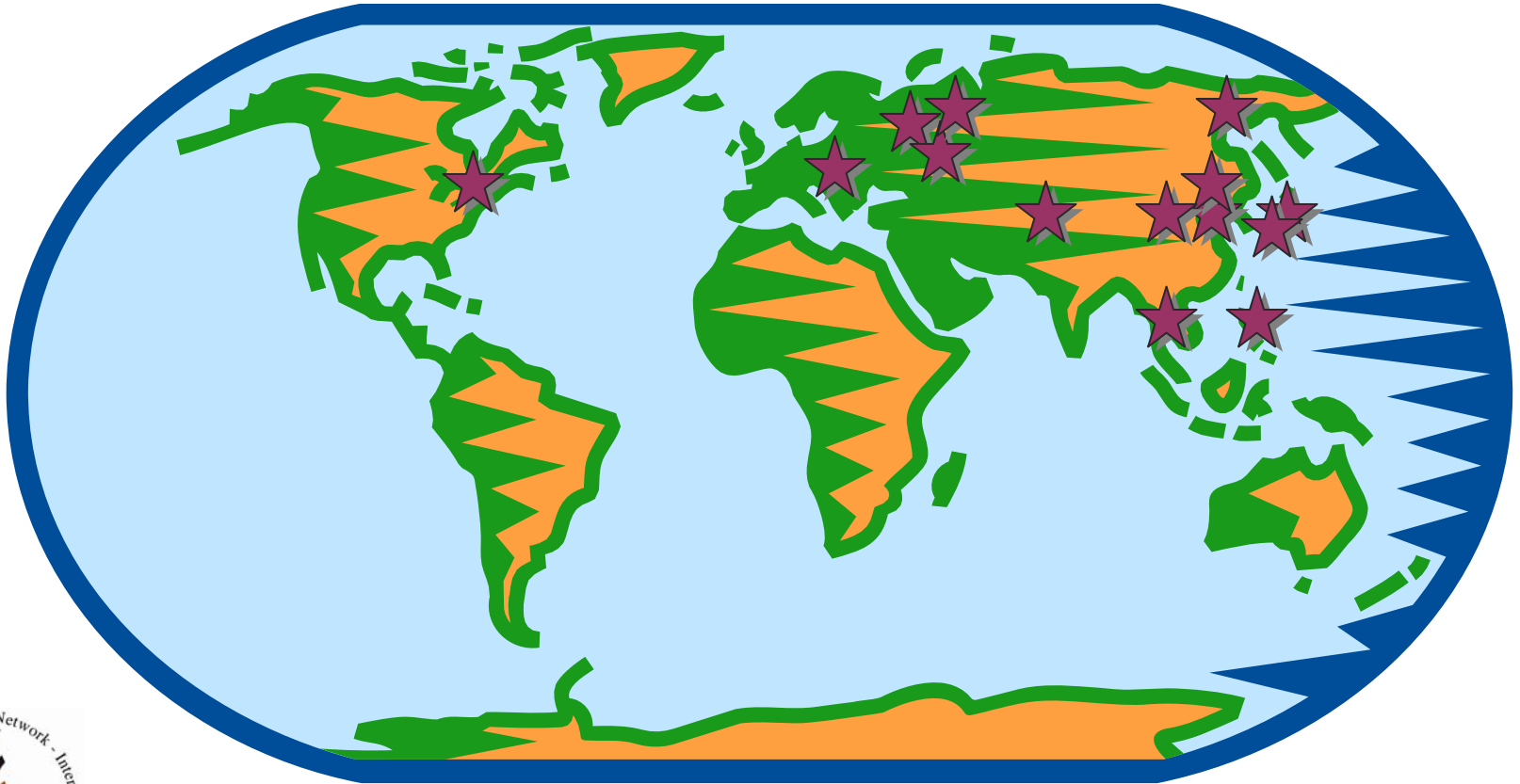


Ratchasuda College Mahidol University (Thailand)

- Founded in 1991
- Approx. 89 deaf
- students



[PEN Partner Locations!]



[Implementation Strategy]

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

[Training & Faculty Development]

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



PEN Activities— Recent Accomplishments

- February 2005- Trip to Thailand by NTID faculty Rico Peterson and Patrick Graybill, Instruction of sign language
- March 2005- Trip to China by PEN faculty Jim DeCaro and Bill Clymer, signing with Zhongzhou University in Zhengzhou
- Haiku competition with students at NTID and Tsukuba College of Technology, Japan
- March 2005- two delegations of students and faculty groups from Japan visit NTID
- May 2005- NTID student delegation visit Japan.
- May 2005- visits to postsecondary institutions in Russia by Jim DeCaro and NTID VP/Dean Alan Hurwitz.

Current & Upcoming PEN Activities

- June 2005- International Instructional Technology symposium at NTID with 45+ international reps.
- July 2005- PEN representation at International Congress on Education of the Deaf (ICED), Maastricht, Holland.
- November 2005- Visit by CSB- Philippine faculty to NTID.
- July 2006- First-ever Leadership Institute for Deaf/hh postsecondary students, England.

Multimedia Computer Centers

- 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



Recent Accomplishments – PEN Multimedia Labs

- New Laboratories Opened in Beijing Union University & Changchun University, 2003 - 2004
- Tianjin University lab enhanced, 2004
- Changchun University lab enhanced, 2005
- Labs are used an average of 32 Hours per Week for Course Work

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

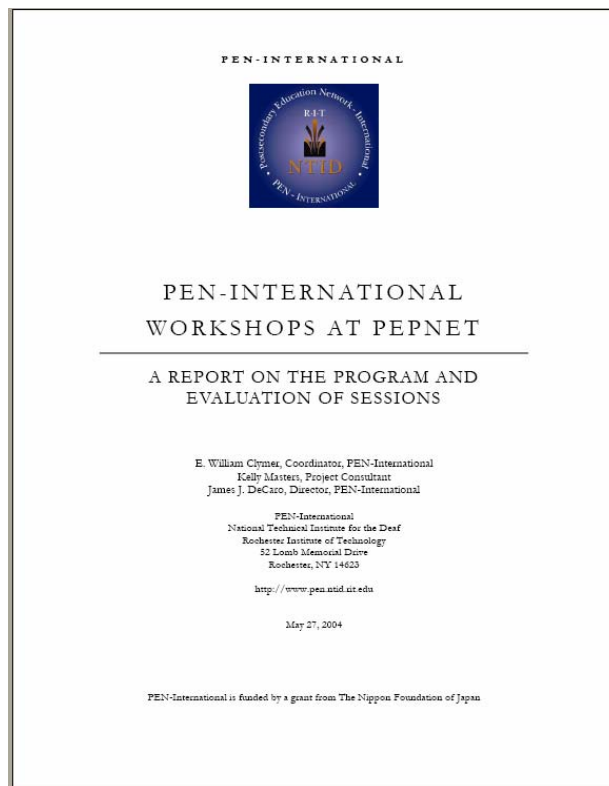
1. [Schedule](#)
2. [PowerPoint](#)
3. [使用 TI-30X 计算器教课 \(Teaching with the TI-30X\)](#)
4. [了解 TI-83 计算器 代数学基础 \(实验报告例子\) \(Getting to Know the TI-83 Calculator\)](#)

Redesign of PEN Web Pages

- Goals
 - To Improve Dissemination of Resources
 - To Improve Usability
- Strategies
 - Web Site Architecture
 - Content Organization & Delivery
 - Accessibility
 - Search Engine

Evaluation & Research

■ Typical Evaluation Report



■ Typical Research Presentation

The image shows the front cover of a research presentation. It features the title 'Tertiary Deaf Education in China: Self-Contained Colleges in Mainstream Universities' in a large, bold font. Below the title, it lists the authors: Patricia A. Mudgett-DeCaro, James J. DeCaro, and Yufang Liu. It also provides their affiliations: Postsecondary Education Network International, National Technical Institute for the Deaf, and Rochester Institute of Technology. The date 'Guodong Bao' is listed, followed by 'Tianjin Technical College for the Deaf' and 'Tianjin University of Technology'. A website URL is at the bottom.

Tertiary Deaf Education in China:
Self-Contained Colleges in
Mainstream Universities

Patricia A. Mudgett-DeCaro
James J. DeCaro
Yufang Liu
Postsecondary Education Network International
National Technical Institute for the Deaf
Rochester Institute of Technology

Guodong Bao
Tianjin Technical College for the Deaf
Tianjin University of Technology

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

Reporting

■ Brochure



PEN-International...improving education through faculty development and technology

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 around the world by sharing educational technology and conducting faculty development and training, particularly in developing countries.

Lead Institutions

United States of America
National Technical Institute for the Deaf (NTID)/Rochester Institute of Technology (RIT)

The National Technical Institute for the Deaf (NTID), established in 1967 at Rochester Institute of Technology, is the world's first, largest, and most advanced technological college for deaf and hard-of-hearing students. Its unique placement at RIT allows more than 1,100 deaf/hard-of-hearing students to study and live with nearly 15,000 hearing students on a 1,300-acre campus designed principally for hearing students.

Japan
Tsukuba College of Technology (TCT)

The Government of Japan chartered Tsukuba College of Technology in October 1987 by amending the Japan Law for Establishing National Schools. Tsukuba's Division for Hearing Impaired offers state-of-the-art programs in design, mechanical engineering, architectural engineering, electronics, and information science.

PEN-International's Mission

PEN-International works with talented faculty members from colleges and universities worldwide who believe in its mission of creating better career opportunities for deaf and hard-of-hearing people. Using Web, telecommunication, 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-Technology Multimedia Labs at Partner Universities
- Faculty and Student Exchanges

Sponsor
The Nippon Foundation, 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 consensus and provide assistance to each other. The Nippon Foundation has dedicated itself to meeting that challenge by sponsoring multilateral networks to improve the circumstances of disadvantaged people around the world.




■ Annual Report



**PEN-International
Year Three Report
1 March 2003 to 29 February 2004**

Making a Difference in Deaf Education Worldwide

Message from the Director

Dear Friends:

With generous support from The Nippon Foundation of Japan, PEN-International has continued to make a difference in the postsecondary education of deaf men and women around the world. The PEN-International partners have worked diligently to assure that they move from importers to self-sufficiency to exporters of knowledge and skills within their respective home countries. I believe the reader of this report will be impressed with the progress that has been made in this regard.

As the director of PEN-International, I am very pleased to present a report that details the extraordinary efforts made by PEN-International partners in our third year of operation. I am very proud of my colleagues around the world, and in the USA (particularly Ms. Heschke and Ms. Lamb), whose dedication and commitment have made this year a successful one.

Warmest regards,

Janet J. DeCaso, Ph.D.
Professor and Director, PEN-International

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Evaluation & Research: Workshops

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



Evaluation & Research: Cultural Exchanges

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



Future Activities

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

