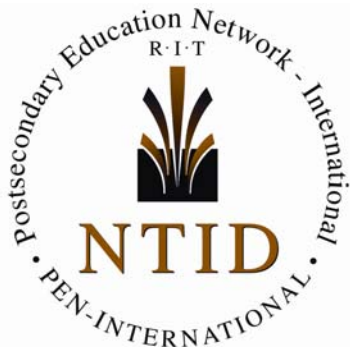# PEN-International: Facilitating Deaf Education for Deaf Men and Women Around the World

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James J. DeCaro, PhD, Professor and Director

PEN-International

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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
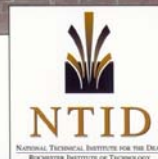- Provides Funds for PEN-International

Founding of PEN-International

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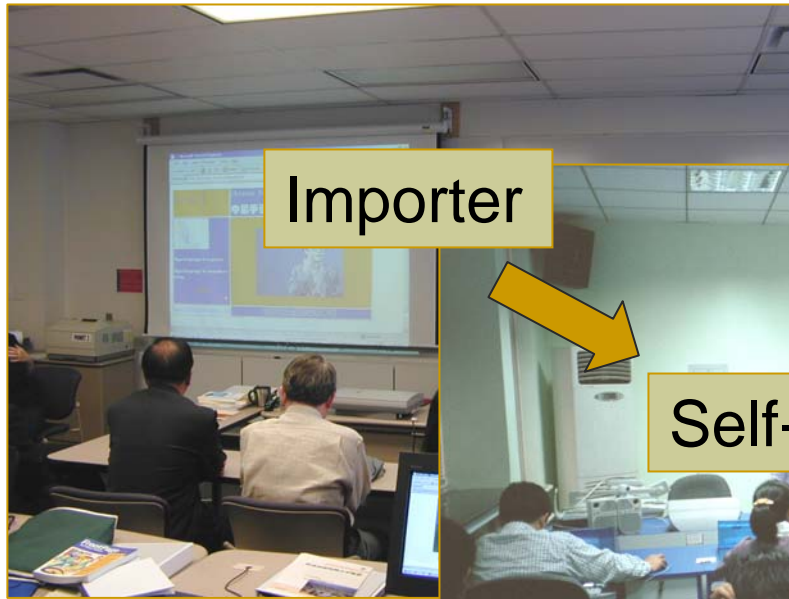The Nippon Foundation of Japan

PEN-International — NTID — Signing Ceremony 29 June 2001

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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)
- National University Corporation - Tsukuba University of Technology (N-TUT) (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 University of Technology (N-TUT) (Japan)

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

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!
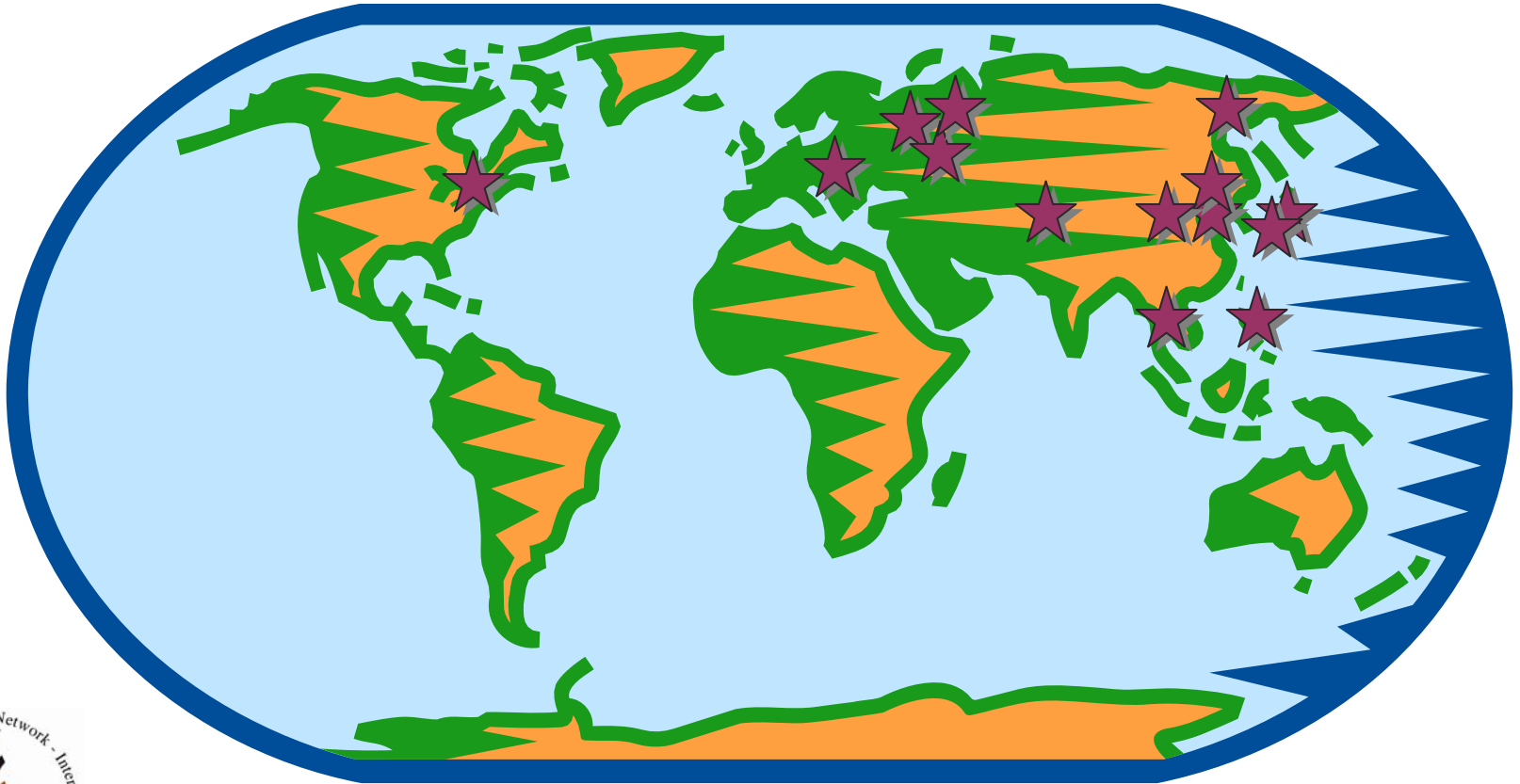
Implementation Strategy

- 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

- June 2005- International Instructional Technology Symposium with 230+ participants from 17 countries.
- July 2005- PEN Exhibition & Presentation- International Congress on Education of the Deaf, Maastricht, Netherlands
- Sept. 2005- PEN Delegation Visits Korean Employment Promotion Agency for the Disabled
- Oct. 2005- PEN visits PEPNet-Japan Partner Institutions & Kyoto Consortium of Universities
- November 2005- Delegations from Korea & Philippines attend one-week training at NTID
- November 2005- PEN-Russia Meetings & Visits to World Bank Russia & Mathematics College of Moscow.
- December 2005- PEN Visits to University of Hong Kong & Dong Nai Provincial Teacher's College, Vietnam
- February 2006- Delegation from Hungary Visits NTID
- March 2006- PEN delegation Visits Vietnam, Hong Kong & Beijing

Current & Upcoming PEN Activities

- March 2006- PEN Intern from Japan begins
- March 2006- Weeklong Training at College of St. Benilde, Manila, Philippines
- April 2006- Delegation from Czech Republic Visits NTID
- June 2006- PEN Delegation Participates in Deaf Studies Conference, Wolverhampton University, England
- July 2006- Presention at AHEAD Conference, San Diego, CA
- August 2006- First-ever Leadership Institute for Deaf/hh Postsecondary Students, England (www.pen.ntid.rit.edu/summer-institute.php)

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

- Tianjin University lab enhanced, 2004

- Changchun University lab enhanced, 2005

- Second lab opened at CSB, Manila, 2006

- Labs are used an average of 32 Hours per Week for Course Work

Online & WWW Resources

- ## PEN Web Page

- ## Workshop Page

Redesign of PEN Web Pages

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

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Evaluation & Research

- Typical Evaluation Report

- Typical Research Presentation

Reporting

- Brochure
- Annual Report

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!!