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

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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

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

Importer

Self-Sufficiency

Exporter

**Implementation Strategy**

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

- NTID
- National University Corporation - Tsukuba University of Technology (N-TUT)
- Tianjin University of Technology
- Beijing Union University
- Changchun University
- Zhongzhou University
- College of St. Benilde
- Bauman Moscow State Tech University
- Institute of Social Rehabilitation at Novosibirsk State Technical University
- Vladimir State University Center for the Deaf
- Academy of Management "TISBI" at Kazan
- Charles University
- Ratchasuda College

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
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**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
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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!
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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
- 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: Presentation at AHEAD Conference, San Diego, CA

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
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!!