


**AHEAD** Association on Higher Education and Disability

## PEN-International: Facilitating Deaf Education Around the World



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## Topics for Today's Presentation

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


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## RIT Information

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



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## 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


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## Nippon Foundation of Japan

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



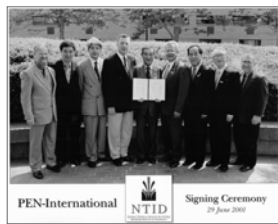
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## Founding of PEN-International

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 2005

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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

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## PEN-International Vision

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## Implementation Strategy

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

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## PEN-International Partners

- NTID <sup>(USA)</sup>
- National University Corporation - Tsukuba University of Technology (N-TUT) <sup>(Japan)</sup>
- Tianjin University of Technology <sup>(China)</sup>
- Beijing Union University <sup>(China)</sup>
- Changchun University <sup>(China)</sup>
- Zhongzhou University <sup>(China)</sup>
- College of St. Benilde <sup>(Philippines)</sup>
- Bauman Moscow State Tech University <sup>(Russia)</sup>
- Institute of Social Rehabilitation at Novosibirsk State Technical University <sup>(Russia)</sup>
- Vladimir State University Center for the Deaf <sup>(Russia)</sup>
- Academy of Management "TISBI" at Kazan <sup>(Russia)</sup>
- Charles University <sup>(Czech Republic)</sup>
- Ratchasuda College <sup>(Thailand)</sup>

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## National Technical Institute for the Deaf (USA)

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

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## Tsukuba University of Technology (N-TUT) (Japan)


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

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**Tianjin University of Technology**  
(China)

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




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**Beijing Union University**  
(China)

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




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**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.




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**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



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**Bauman Moscow State Technical University**  
(Russia)

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




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### 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




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### 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




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### 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




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### Ratchasuda College Mahidol University (Thailand)

- Founded in 1991
- Approx. 89 deaf students




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### PEN Partner Locations!



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## Implementation Strategy

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

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## Training & Faculty Development

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



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## PEN Activities – Recent Accomplishments

- June 2005- International Instructional Technology Symposium
- July 2005- PEN Exhibition & Presentation- ICED, Maastricht, Netherlands
- Sept 2005- PEN Visits Korean Employment Promotion Agency for Disabled
- Oct. 2005- PEN Visits PEPNet-Japan Partners & Kyoto Consortium of Universities
- November 2005- Korea & Philippines Delegations attend one-week training at NTID
- 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

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## 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
- August 2006- First-ever Leadership Institute for Deaf/hh Postsecondary Students, England  
([www.pen.ntid.rit.edu/summer-institute.php](http://www.pen.ntid.rit.edu/summer-institute.php))

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## Multimedia Computer Centers

- Support Student Learning
- Support Faculty Development of Materials



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## Lab Specifications

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



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**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

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**Online & WWW Resources**

- PEN Web Page
- Workshop Page

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**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

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**Reporting**

- Brochure
- Annual Report

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**Evaluation & Research: Workshops**


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

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## Evaluation & Research: Cultural Exchanges

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




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## Future Activities

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



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