



PEN-International:
Fostering International Projects with
Instructional and Access Technologies

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An International Symposium: Technology and Deaf Education






Topics for Today's Presentation

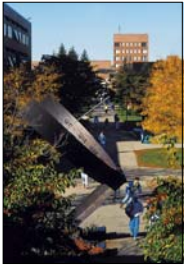
- Brief Background of PEN-International
- Accomplishments of PEN Partners Over the Past 7 Years
- Challenges Imposed to Development and Implementation of PEN-International Projects
- Future Plans and Areas of Collaboration







RIT/NTID Information

- PEN-International
- RIT (University)
 - Eight Colleges
 - Students
 - 13,000 Undergrad
 - 2,400 Graduate
- NTID (College of RIT)
 - 1250 Students
 - 475 Faculty/Staff
 - Direct Service and Supported Students









The Nippon Foundation of Japan

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








Founding of PEN-International

- NTID
- Tsukuba College of Technology (Now N-TUT)
- Tianjin University of Technology
- Bauman Moscow State Technical University
- The Nippon Foundation








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

The diagram illustrates the vision of PEN-International. It shows a cycle of three stages: **Importer**, **Self-Sufficiency**, and **Exporter**. Arrows indicate a flow from Importer to Self-Sufficiency, and from Self-Sufficiency to Exporter. Each stage is represented by a photograph of a classroom or meeting setting.

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Implementation Strategy

- Faculty Training & Development
- Online and WWW Resources
- Multimedia Computer Centers
- Evaluation & Research
- Dissemination
- Student Leadership & Empowerment

A photograph showing a classroom setting with several people standing around a whiteboard, likely engaged in a training or research activity.

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PEN-International Partners

- NTID (USA)
- National-Tsukuba University of Technology and PEPNet-Japan (Japan)
- PEN-China
 - Tianjin University of Technology (China)
 - Beijing Union University (China)
 - Changchun University (China)
 - Chongqing University (China)
 - Zhongzhou University (China)
- College of St. Benilde (Philippines)
- PEN-Russia
 - 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)
 - Chelyabinsk State Technical University (Russia)

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PEN-International Partners

- Affiliates
 - Charles University (Czech Republic)
 - Ratchasuda College (Thailand)
 - Dong Nai Provincial Teacher's College (Vietnam)
 - Centre for Sign Linguistics & Deaf Studies, Chinese University of Hong Kong (Hong Kong)
 - Korea
 - Korea Employment Promotion Agency for the Disabled (KEPAD) (Korea)
 - Korean Nazarene University (Korea)

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PEN Partner Locations!

A world map with stars indicating the locations of PEN-International partners across various continents, including North America, Europe, Asia, and Africa.

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Faculty Training & Development

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




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Online & WWW Resources

- PEN Web Page
- Workshop Page



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Multimedia Computer Centers

- Support Student Learning
- Support Faculty Development of Materials
- Videoconferencing Capabilities



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Evaluation & Research

- Typical Evaluation Report
- Typical Research Report




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Dissemination

- Brochure
- Annual Report



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Student Empowerment & Leadership

- Exhibit & Calendar
- Leadership Institute



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Faculty Training & Development

- Training on Establishing Educational Interpreting Programs in China and Philippines
 - April 2007
 - 12-member delegation




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Faculty Training & Development

- Mathematics Workshops with De La Salle-College of Saint Benilde (CSB) Manila Philippines
 - 3 Workshops
 - 20 CSB Faculty Attended
 - Hosted via ISDN Videoconferencing System




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Online and WWW Resources

- New PEN Web Pages
 - Improved Navigation
 - Improved Posting of Workshop Materials
- Improved Workshop Resources
 - All partner access
 - Relevant Languages




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Online and WWW Resources

- Instructional Technology Course
 - Enhanced use of blended course presentations
 - Discussion and participation facilitated
 - Grading easier




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Multimedia & Computer Centers

- New Computer Center Accomplishments/Enhancements
 - PEN-Russia Videoconferencing Network (a multipoint system)
 - Sign Language Laboratory at ZZU (China)



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Evaluation & Research

- Self Study
 - Successes & Challenges (June 2005)
 - Several Topics Emerged
 - Faculty Development
 - Exchanges
 - Student Development
 - Mainstream Education
 - Instructional Technology
 - Based on the 2005 Study, new training/workshops were offered
 - Follow-up 2008 Self Study with Four Leaders (Russia, Japan, China, Philippines)



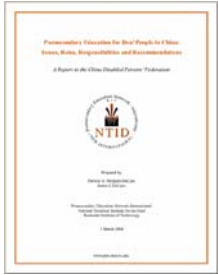
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Evaluation & Research

- Research
 - China Report on Postsecondary Education for Deaf Men and Women in China.



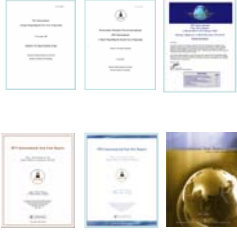
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Dissemination

- Yearly Annual Reports
 - Summary of Accomplishments
 - Focus on Goals & Implementation Strategies
 - Honest Assessment of Quality of Outcomes



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Dissemination

- Redesigned PEN-International Website
 - Launched in March, 2007
 - Improved access to information and resources



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Student Empowerment

- International Student Art Exhibition
 - June 24 – July 5, 2005
 - NTID Dyer Arts Center
 - Calendar of Student Art




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Student Leadership

- Summer Leadership Institute
 - August 2006 in England
 - 20 Students, 16 Interpreters, 5 Faculty and 5 Speakers from NTID
 - To be Held again in August 2008
 - +50 participants



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Exporters

- Expansion of PEN Network within China and Russia During Year 7
 - Chongqing Normal University (CQNU) in China
 - Chelyabinsk State Technical University (CSTU) in Russia



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Exporters

- PEPNet Japan
 - Housed at N-TUT
 - Established in Oct. 2004
 - To Support Mainstreamed Deaf Postsecondary Students in Japan
 - 16 partners
 - Third annual symposium, Oct. 2007
 - Acquired funds within Japan




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Benefits and Challenges of Using Technology

- Benefits
 - More reliable IP technologies
 - Improvement in Bandwidth for Signing
 - Communicating via Mobile Technologies (SMS, Email, IM, etc.)
- Challenges
 - Technological Infrastructure
 - Various Standards in Different Partner Countries




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Linguistic and Cultural Challenges

- Linguistic Challenges
 - Translation of materials
 - Sign Language Interpreting
- Cultural Challenges
 - Difference in Educational Practice and Philosophy
 - Neutral Stance
 - Do Not Impose on Others



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Thank you !!!

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