

# **Higher Education for the Deaf Developed Based on the PEN Project in Special Education College of Changchun University**

In October, 2003, Special Education College of Changchun University officially became a member of PEN project. In January, 2004, PEN project network was officially started. With the technology and communication platform of PEN project, the college participated in a series of educational, scientific research and international communication activities, constructed and perfected an interactive communication platform based on network and information technology, promoted the internationalization, the theoretical research of higher education for the deaf and improved the quality of personnel training of higher education for the deaf.

## **First. Constructed and perfected an interactive communication platform based on network and information technology**

Since joining the PEN project in 2004, Changchun University has already accepted a free aid of 75,000 US dollars from PEN project and constructed an online education workstation. The university also constructed POIYCOM, ISDN built-in network video playback and recording servers and sub-assembly room consoles, two assembly rooms besides two live studios. The university applied the workstation to realize the P2P instant video communication between several international and domestic higher special education institutions, shared the international and domestic resources of higher education for the deaf. Using the distant video technology, the university also realized the interactive communication in educator training, academic communication, scholar visit and scientific and technological activities and reached expected results.

In 2009, the university used network and video technology for the first to transform the previous ISDN dialing network technology into IP address and

public network video transmission technologies. The university updated two 52-inch LCD TV monitors, broadened the range of communication, improved the quality and efficiency of network video transmission, reduced the cost and at the same time maintained the original ISDN dialing network video system.

In 2010, we made use of the 300,000 RMB donated by China Minsheng Bank to purchase 35 21-inch LCD monitor computers for the deaf, and set up multimedia computer rooms and multimedia classrooms installed 4 sets of Hitachi short-range projectors and interactive electronic white board as core technology.

### **Second. Sped up the internationalization of higher education for the deaf**

Since Changchun University joined PEN project, we participated in a series of PEN activities, which greatly improved the internationalization of our university's higher education for the deaf and expanded our scope of foreign relations and international influence.

1. February 2004, visited US NTID for inspecting the advanced educational facilities, and studying the concepts and experiences of higher education for the deaf.

2. May 2004, participated in the academic conference held in Pittsburg, US.

3. June 2004, participated in "Mathematics Teaching Seminar for the Deaf" held in Changchun. Two professors from US NTID trained 40 teachers from the country.

4. October 2004, participated in the international symposium held in Tianjin, China.

5. June 2005, participated in the PEN members work conference held in US NTID, meanwhile participated in "Academic Conference of Information Technology of Education for the Deaf".

6. March 2006, participated in the “Meeting of China Disabled Persons Federation and PEN Organization Leaders” held in Beijing.

7. June 2007, participated in the PEN members work conference held in US NTID. At the same time participated in “Academic Conference of Information Technology of Education for the Deaf”.

8. October 2007, invited American educator **Starven (思达文)** came to Changchun University to teach the deaf students American sign language.

9. July 2008, participated in PEN’s “2008 Technology and Education for the Deaf: Explorative, Guiding and Technical International Forums” held in Rochester Institute of Technology for the Deaf, US.

10. September 2008, Changchun University held the “Chinese Deaf Art Exhibition in Students” organized by PEN.

11. September 2009, Changchun University held the “The Forum for PEN-International” organized by PEN.

**Third. Promoted the theoretical research of higher education for the deaf**

Since joining PEN, we developed a series of educational and scientific research work around relevant problems of the educational reform of higher education for the deaf. In the recent five years, Changchun University undertook a total of 31 scientific and educational projects above provincial level, with 8 projects at national level; published 72 academic papers; published 11 books and textbooks. The research topics related to higher education for the deaf established by our teachers include:

**List of Related Research Subjects on Higher education for the deaf**

No.	Subject	Levels of Subjects	Date	Person in Charge
1	Study of the Developmental Model and Function of 21th Century Network Education Workstation for the Deaf	Jilin Province Planning Office Subject	March 2005	Wang Aiguo

2	Study and Experiment on Deaf Students (Art Major) by Teachers at School for the Deaf	China Disabled Persons Federation Subject	April 2005	Xu Jingfu
3	Study of the Education and Employment of Art Design in Higher Special Education for the Deaf	China Disabled Persons Federation Subject	April 2005	Sun Feng
4	Study of Art Design Educational Module under Modern Information for Deaf College Students	Institute for Higher Education Subject	June 2006	Zong Shiyong
5	Study of the Construction of Advanced Special Education Network	Jilin Province Scientific Planning Focal Subject	July 2006	Zhuang Shufan
6	Study of the Advanced Special Education Network Education System	Jilin Province Education Department Scientific Technology and Research "11 <sup>th</sup> Five" Planning Subject	November 2006	Zhuang Shufan
7	Comparison Study of Domestic and Foreign Advanced Education Modules for the Deaf	Jilin Province College of Humanities and Social Sciences Key Research Subjects	July 2007	Lu Yiguang
8	Study of the Construction of Advanced Special Education Supplementary Network System	Jilin Province Education Department Project	November 2007	Zhuang Shufan
9	Comparison Research of Advanced Education Development for the Deaf in China and America	Education Department Project	November 2007	Wang Aiguo
10	Cultivation and Study of Style Awareness for Art Major Deaf Students	Jilin Province Education Department Project	October 2008	Quan Ling
11	Theoretical Research of the Recognition and Translation of Chinese and Japanese Sign Language	Jilin Province College of Humanities and Social Sciences Key Research Projects	July 2009	Yu Jin

**Forth. Improved the quality of personnel training of higher education for the deaf**

**(One) Emphasized quality projects and cultivated innovative**

## **students**

1. In 2007, our university's "Training Model Innovation Experimental Zone for Deaf Art Undergraduates" project won the title of national "Quality Project" and was approved by the Department of Education as national talent training model innovation experimental zone.

2. In 2007, our university's special education research center was honored one of the first colleges of humanities and social sciences key research projects in Jilin Province.

### **( Two ) Prominent educational achievement, wide social attention.**

1. The research of Special Education College once own one Grand Prize, one First prize and one Third Prize of Jilin Provincial Educational Achievement; one Second Prize of National Excellent Educational Achievement.

2. In 2009, Special Education College won the title of "National Advanced Special Education Unit".

3. In 2009, Special Education College won the title of "Jilin Provincial Advanced Educational System".

4. "China Education", on February 16, 2005, fully reported about the founding and development of Changchun University's special education with the title "University's broad love—the higher education practice for the disabled in Special Education College of Changchun University in the eyes of the reporter".

5. "People's Daily", on April 26, 2004, reported about our university's individual entrance exam with the title "Special college entrance exam: how do disabled people go to college? Special education emphasizes equality."

6. Changchun University's deaf student Hong Ze, Wang Wenyue and others were once cordially granted an interview by the nation's top leaders Jiang Zemin, Hu Jintao and Wen Jiabao.

**( Three ) Emphasized well-round development, trained comprehensive quality.**

1. In 2005, Changchun University's deaf students performed the dance "Green Field" which won the First Prize of the first national college student art exhibition show.

2. In 2009, Changchun University's deaf students performed the skit "Life Promise" which won the First Prize of the second national college student art exhibition show.

3. In April, 2009, Changchun University's student Yang Cui from Special Education College won the fourth "Changchun Youth May 4<sup>th</sup> Medal".

4. In 2009, Changchun University's student Yin Shijing from Special Education College won the sixth China Teenager Science and Technology Innovation Award.

5. In January, 2010, Changchun University's students ranked top three at "2010 Changchun Jingyuetan Brave Disabled Persons International Cross-country Ski Race".

6. In 2010, Changchun University's deaf student Yin Shijing won the title of "Chinese College Students Star of Self-Improvement".

7. In May 2010, Changchun University's deaf male and female basketball teams represented Changchun University to participate in Jilin Province's 16<sup>th</sup> Sports Meeting (College Group B) and competed with normal students from all colleges in the province. The female basketball team won the Second Prize. These two teams will represent Jilin Province to participate in the national deaf basketball champion in Haerbin.

Great gratitude to PEN members who gave great support and participated in the 2009 "The Forum for PEN-International" held by Changchun University, we are looking forward to seeing everyone in Changchun University again!

Welcome PEN members to link to Changchun University PEN terminal video system.

IP link address: 192.162.100.248

ISDN link address: 8643185330958

8643185306685

Let's work together towards a more brilliant future of international  
higher education for the deaf!