



清华大学

Tsinghua University

Tsinghua Newsletter

Issue 17
July 2011



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Centenary Celebration

Tsinghua Centenary Celebration Convention Held

The Tsinghua University Centenary Celebration Convention was held in the morning of April 24th at the Great Hall of the People in Beijing. More than 8,000 alumni and guests participated.

Tsinghua University Council Chairman Hu Heping hosted the event. Tsinghua President Gu Binglin delivered the first speech. He reviewed the establishment and growth of Tsinghua University as well as summarized her achievements over the past century and her contribution to the nation and society.

"The centenary of Tsinghua marks more of a new starting point than an important milestone," said President Gu. "We will set higher standards and

improve teaching quality in all aspects, take advantage of our valuable tradition, train more top-notch professionals, achieve breakthroughs in scientific and technological development, enhance international exchange and cooperation, and tackle global challenges actively."

Chinese President Hu Jintao attended the convention and delivered a thirty minute speech to the audience. He said, "Tsinghua University has been focusing its research on the needs of China's socialism modernization development. Advanced



outputs have been made in science and technology as well as the humanities and social sciences. Its social influence and global reputation have been raised to a higher level. It has made remarkable progress in building itself into a world-class university."



Tsinghua President Gu Binglin delivers speech at the Convention



Chinese President Hu Jintao delivers speech at the Convention

“I hope that young students in China strive to pursue both academic and moral excellence, to possess innovative minds and hands-on experiences, and to combine their all-round development with their individual specialties,” President Hu said.

Talking about tertiary education in China, Hu stressed, “To build a certain number of world-class universities and a group of high-level universities is a strategic measure to build an innovative nation with powerful human resources.” He also urged, “The government should increase its investment in education and encourage more non-government sectors to become involved in the development of education.”

Peking University President Zhou Qifeng and Yale University President Richard C. Levin presented congratulations as representatives from domestic and overseas universities after the speeches by representatives of Tsinghua’s faculty members and students.

Among Tsinghua’s 170,000 alumni, there are many outstanding scholars, successful entrepreneurs and distinguished statesmen widely esteemed in China and the world.

Many distinguished government officials, including top legislator Wu Bangguo, Premier Wen Jiabao, top political advisor Jia Qinglin, Vice President Xi Jinping, and Vice Premier Li Keqiang, also attended the Convention.

Global Summit of University Presidents Held at Tsinghua

The Global Summit of University Presidents (GSUP) and the Association of Pacific Rim Universities’ 15th Annual Presidents Meeting were opened on April 23rd at Tsinghua University.

The theme of the Summit was “Global Socioeconomic Development and Higher Education.” In conjunction with APRU and its 15th Annual Presidents Meeting, the Summit aimed to discuss strategic issues that are critical to the development of universities and cooperation between institutions of higher education.

The Summit assembled presidents from over 130 prestigious universities in 35 countries in North America, Europe, Asia, Oceania, and Africa. It provided a platform for exchange, communication and cooperation among these leaders.

State Councilor Liu Yandong delivered a keynote speech at the opening ceremony. She said, “Despite differences in culture, values and characteristics, common responsibilities have made it the common choice for universities to be open, tolerant, cooperative and complementary. We should seize the opportunity, broaden our horizon, do solid work, overcome barriers and seek mutual benefits. This will open up a broader space for the universities to improve the well-being of human society.” China’s Minister of Education Yuan Guiren also attended the opening ceremony and addressed the meeting.



Tsinghua President Gu Binglin delivers welcome speech at GSUP



Chancellor Henry T. YANG of the University of California, Santa Barbara and Chairman of APRU delivered welcoming address at GSUP.

President Gu Binglin of Tsinghua University acted as Chair of GSUP. He said in his opening speech, “We hope that through our collegial and candid exchange and discussion, we will learn from each other, reach consensus on some important issues, and appreciate our differences on others.”

The presiding officers of five renowned universities, including the University of Oxford, the University of Cape Town, the University of Tokyo, the University of California at Berkeley, and the University of Auckland delivered keynote speeches.

The delegates participated in group discussions covering such topics as university governance, innovation in education, interdisciplinary research and development, social responsibilities of leading universities, international collaboration in higher education, strategic planning by universities, and the development of sustainable campuses.

In between the meetings, the delegates planted friendship trees in the Centennial Garden to commemorate the event and Tsinghua’s Centennial. The garden became a new landscape designed by a team from Tsinghua’s Department of Landscape Architecture. “We hope this family of trees will mark the

collaboration and friendship between Tsinghua and our family of global partner universities,” said Tsinghua Vice President Yuan Si.

At the closing ceremony, participants summarized their discussions on socioeconomic development and higher education, and reached the GSUP Consensus. They recognized the following four Cs as key functions of universities in the

future: Cooperation with other universities to advance human knowledge and higher learning; Cultivation of future leaders to enhance the prosperity and progress of the international society; Contribution to the solution of global challenges in energy security, public health, climate change, sustainable development and so on; and Creation of a synergy in the higher education community to promote cultural interaction for a better tomorrow.

Art Show Galas for Centenary Celebration

As the highlight of the centenary celebrations, the celebration art show galas were held at Tsinghua in the evening of April 24th, including the Tsinghua Centenary Celebration Gala and two alumni centenary celebration galas.

The Tsinghua Centenary Celebration Gala was held in front of the Main Building. It attracted more than 10,000 audiences. The art show gala began with a fabulous LED show of photos of faculty members, students’ and alumni’s life, and Tsinghua’s history against the walls of the Main Building, which brought gasps of admiration from the audience.

Alumni, student and faculty members constituted the main part of the performers. Some renowned singers who graduated from Tsinghua returned and performed to wish happy birthday to their alma mater. A group of alumni who work in aerospace industry sang the song “How Can I Stop Missing Him.” Group dance “Lotus Pond in the Moonlight” by Student Art Troupe portrayed the beauty of the scene at the campus lake. Some faculty members combined poem recitation with music, “Our Common Ideals.” Many shows are performed by alumni, students and faculty together, such as folk dance “Ordos” and chorus “Tsinghua’s Old Anthem.” Former university president Wang Dazhong also joined in the “Ordos” dancing, which elicited warm applause.

The international students at Tsinghua performed the singing and dancing piece “Super Four-Season Garden” with the lyrics

written by themselves. Students from partner universities, Tsing Hua University in Taiwan and the University of California, Berkeley, also presented their performances of congratulation. The series of popular campus songs drove the audience to their climax of happiness.

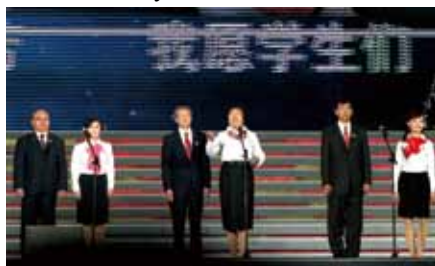
Two alumni gala parties were held later in the same evening. The one held in the Sports Center featured classic and catchy campus songs performed by the alumni. The Department of Electronic Engineering graduate Li Jian, who became a professional singer, sang “Legendary” and “Blooming,” suggesting that Tsinghua’s hundred-year history itself is a legend and that the university is sure to be blooming more beautifully in the future. The famous duo Shuimu Nianhua, Tsinghua alumni Lu Gengxu and Miu Jie, performed their hit songs “Start the Journey” and “Whole Life with You.” With them the whole audience shouted “whole life with you, whole life with Tsinghua”.

The other alumni gala show held in the auditorium featured the performances of graduates from the 1940s to the 1960s. A gray-haired couple sang “Hand in Hand” to celebrate their golden anniversary on this occasion of their alma mater’s centennial day.

These galas presented a feast for the eyes and ears and left unforgettable memories for the people in that sleepless night.



Student Dance “Lotus Pond in the Moonlight”



Faculty members’ poem recitation



Alumni performing Peking Opera

New History Museum Opened

Tsinghua University History Museum was opened to public on April 22nd after reconstruction near the original site. The Museum is located at the main crossroad to the west of the Main Building.

The Museum has three stories with a floor space of 5,060 square meters. The Tsinghua History Exhibition section, which is on the first and second floor, covers a total area of 3,000 square

meters, three times larger than the old one. The main part of the Exhibition is a chronicle of Tsinghua’s one hundred year history, which is divided into eight historic periods from the Tsing Hua Imperial College to the latest decades. Vivid pictures, detailed illustrations and rare historic documents outlined Tsinghua’s hundred year growth and some monumental events.

There are two independent exhibits focusing on Tsinghua

alumni. On the first floor, photos of 557 famous scholars in the humanities and members of Chinese Academy of Sciences and Chinese Academy of Engineering who are Tsinghua alumni are displayed on a curved wall shaped like a book on bamboo slips. A bronze sculpture monument wall was erected to memorialize fifty-one Tsinghua students and alumni who had contributed their



Visitors are queuing to enter the Tsinghua History Museum



Portrait wall of academicians who are Tsinghua alumni

lives to their motherland's liberation. On the second floor, pictures and statistics of distinguished alumni in different areas, including winners of China's highest science and technology awards, famous educators, pioneers and leaders in industry, and government dignities are presented. Alumni can also look up their entrance information on a computer in the Museum.

Two scenes are presented with multimedia function. One is called "Lotus Pond in the Moonlight" and the other "Miyun Reservoir." The first one named after an essay by famous litterateur Professor Chu Chi-Ching. It shows a beautiful

nocturnal scene of the lotus pond on Tsinghua campus with moving waves and intoning famous quotes of the masterpiece. The other one, "Miyun Reservoir", shows how Tsinghua faculty and students designed and built the Reservoir in the 1950's, which has remained as a main water source for Beijing residents for over 50 years.

The Tsinghua History Museum was donated by Mr. Zhao Weiguo, a 1990 graduate from the Department of Electronic Engineering.

Tsinghua and Tsinghua People on China's Commemorative Stamps

A commemorative stamp was issued by China National Philatelic Corporation on April 24th, 2011 to celebrate Tsinghua University's centenary.

The main images of the stamp are two buildings on campus. Standing in front is the Old Gate which was originally built in 1909 and was the oldest entrance to Tsinghua University. Standing a little farther behind is the New multifunctional building Tsinghua Xuetang which was donated by four Tsinghua alumni for the centennial anniversary. On the left top are the Tsinghua emblem and the centenary logo. Below them is the university motto, "Self-improvement and Social Responsibility" in ancient Chinese calligraphy.



Reviewing the stamps issued in recent decades in China's history, more stamps can be found in memory of Tsinghua people. From 1988 to 2011, five sets of stamps had been issued in honor of modern Chinese scientists, with each set composed of four stamps of the famous scientists. Among the 20 scientists, twelve of them had been students or faculty members of Tsinghua

University from the 1920s to 1950s.

According to the statistics, 330 members of Chinese Academy of Sciences, 146 members of Chinese Academy of Engineering, and 29 overseas academicians are Tsinghua alumni, which distinguishes Tsinghua from the other Chinese universities.



Wu Youxun (1897-1977), physicist



Zhou Peiyuan (1902-1993), physicist



Hsue-Shen Tsien (1911-2009), physicist



Qian Sanqiang (1913-1992), nuclear physicist



Hua Lo-keng (1910-1985), mathematician



Hsiung Ching-lai (1893-1969), mathematician



Zhang Yuzhe (1902-1986), astronomer



Liang Ssu-ch'eng (1901-1972), architect



Mao I-sheng (1896-1989), civil scientist



Zhu Kezhen (1890-1974), meteorologist and geographer



Hou Debang (1890-1974), chemist



Hou Xianglin (1912-2008), petroleum scientist

Donations to Tsinghua's Infrastructure Highlight its Centenary

Over the years, domestic and overseas enterprises and Tsinghua alumni have been making generous donations to the University, such as supporting infrastructure construction on campus. Their remarkable contributions help the University to achieve its goal of becoming one of the best universities in the world.

Recently, the University conducted several foundation laying and opening ceremonies for new buildings donated by enterprises and alumni both at home and abroad.

The Foundation Laying Ceremony for the Tsinghua University - Cheng Yu-tung Medical Building was held on March 10th. The Chow Tai Fook Enterprises, Hong Kong, donated RMB 85 million for its construction and to support research and teaching at the School of Medicine. It will be used as a medical teaching and biomedical research center. Its construction area will be 17,923 square meters with 70 independent laboratories, classrooms and office rooms.

The new Humanities and Social Sciences Library was opened on April 21st. Professor Xie Weihe, Vice President of Tsinghua University, representatives of the Kai Feng Foundation, which is the main sponsor of this new building, and the Swiss architect Mr. Mario Botta, who designed the project, were present at the opening ceremony. The four-floor library with 20,000 square meters construction area will provide students a place to read and study.

Two of the landmark buildings for the centenary



Dr. Cheng Kar-shun (2nd left), President of the Chow Tai Fook Enterprises and Tsinghua President Gu Binglin (2nd right) at the Foundation Laying Ceremony for the Tsinghua University - Cheng Yu-tung Medical Building

celebrations, the New Tsinghua Xuetang and the Tsinghua University History Museum, held their opening ceremonies on April 22nd. Tsinghua alumni sponsored these two projects. Mr. Chi Yufeng, Mr. Xu Hang, Mr. Song Ge and Mr. Fang Fang joined efforts to construct the New Tsinghua Xuetang, a building with 43,250 square meters and which can accommodate 2,000 people. It is the largest comprehensive auditorium on campus and has the most advanced facilities. Mr. Zhao Weiguo sponsored the Tsinghua University History Museum with a construction area of 5,060 square meters.



The Humanities and Social Sciences Library



The New Tsinghua Xuetang



The Tsinghua University History Museum



Tsinghua-ROHM Electronic Engineering Hall

On the same day, April 22nd, the opening ceremony for the Tsinghua-ROHM Electronic Engineering Hall was also held. In support of research and teaching at the Department of Electrical Engineering, the Japanese semiconductor manufacturer ROHM CO., LTD donated the building with 33,000 square meters construction area. An international exchange center, an auditorium for conferences and spaces for research and teaching are involved in this 11 floor building.

Student Education & Development

Tsinghua University Confers Degrees on Graduates of the Year

This summer, the Degree Conferral Committee of Tsinghua University conferred 3,312 bachelor degrees, 2,918 master's degrees and 691 doctoral degrees to this year's graduates.

Tsinghua University held its postgraduate commencement on June 28th. Professor Gu Binglin, the University President and Degree Conferral Committee Chairman, appreciated the graduates' love for their alma mater and congratulated the students, commending them for their hard work and contributions to the development of Tsinghua University. He then encouraged graduates to shoulder responsibilities and to make more remarkable contributions to their society and nation in the

future.

The Undergraduate Commencement was held on July 5th. Professor Gu congratulated all graduates and encouraged them to continue developing their all-round abilities and individual specialities in the future. He emphasized that this year's Tsinghua graduates, who are the first graduates of Tsinghua's new century, should be good at independent thinking and taking actions in their future life. He encouraged them to strive for the people's happiness and the prosperity of the country.

Thousands of parents and relatives of these students came to the campus to share the momentous time with their beloved ones.



Professor Gu Binglin confers doctoral degree to a graduate



The 2011 Tsinghua University Undergraduate Commencement

AAD Student Graduation Art Exhibitions on Display

The student graduation art exhibitions in the Academy of Arts and Design (AAD) opened to public from May 18th.

The Master's Students Graduation Exhibition was held from May 18th to June 27th, displaying over 750 pieces of art works by 93 students from 10 departments of the AAD.

The Undergraduate Graduation Exhibition opened to public from May 30th to June 24th. More than 1,300 art pieces designed

by 268 students from nine departments of the AAD were shown.

The exhibited works cover a wide range, including oil paintings, traditional brush paintings, sculpture, industrial design, textile and fashion design, and ceramic design.

The creative thinking implied in the art pieces attract thousands of visitors. Every year many of these unique art pieces are purchased by people for their own collections.



“Challenge Cup” Student Extracurricular Academic Works Exhibition

The 29th “Challenge Cup” student extracurricular academic works were exhibited on campus from April 22nd to 24th. The Department of Industrial Engineering (DIE) won the “Challenge Cup” with three first-prize, one second-prize, and two third-prize projects. The projects awarded with first prize include the “Human Factors Design for the Future Smart Cockpit,” “Bright Eyes: Smart Blind-Guide System,” and “Optimization of Crew Distribution for Large Airline Companies based on mixed column generation algorithm.”

Some 400 research and design works were displayed in the exhibition, involving 29 schools and departments. The exhibition includes several themed parts: history, previous prize-winning works, centennial celebration, and interactions. The history exhibition area

showed the historical development of the competition. In the previous prize-winning works area, the maTHmu, project about rescue and interpretation of the Shui-Character Books (a type of Chinese character created by the ancestors of the Shui ethnic minority group), and other works grabbed the attention of many people.

In the centennial celebration area, the mobile electronic campus guide system designed by the Department of Computer Science and Technology and the FPGA library robot project by the Department of Electronic Engineering both won the “Special Theme Award for the Centennial Celebration.”

Besides, there are areas for interaction and communication



The DIE won the “Challenge Cup”

between the designers and the audience. People could actually use the designed works. Vice Chairmen of the University Council Zhuang Lijun and Zhang Zaixing experienced design work by the School of Medicine to get an electrocardiogram through a cell phone and transmit it to a distant database. They said that the design is highly practical, making it more convenient for people to monitor their health condition.

At the exhibition site, a message board was set up and a cell phone text-message platform was developed by students so that alumni and students could comment on the exhibition and express their best wishes to the university. One of the messages said, “CHALLENGE! CHALLENGE IS A BELIEF. NO PROBLEM!”



“Avatar” new-model aircraft performance show

The competition works covered six disciplines, including information technology, mathematical and physical science, machinery control, energy, infrastructure, and literature and humanities. Vice President Kang Kejun said these projects, especially those concerning future communication and new air vehicles, are quite difficult in technology and have a high commercial value.

The 54th Students Sports Games Held

The Opening Ceremony of the 54th Tsinghua University Student Sports Games, also known as the Ma Yuehan Cup Games, was held on the morning of April 22nd at the East Sports Ground. This annual competition is the biggest sport event held on campus. To celebrate the University’s centenary, in addition to the normal procedures like the Entrance of the Athletes, a performance titled “A Tribute to Tsinghua” was shown during the ceremony.

Over 3,500 performers presented three scenes, namely

“Blossoming of Chinese Redbud” (the Tsinghua flower), “Active Life on Campus,” and “Vision of the Future.” During the first scene, over 500 female undergraduates dressed in purple and white (the Tsinghua colors) danced to bright and joyful music. Three hundred and twenty faculty and staff members and a similar number of male students performed traditional Chinese martial arts with Tai Chi fans and swords simultaneously. Another 800 female dancers dressed in brightly colored cloaks waved their pompoms and celebrated with the athletes from

student teams. Representatives from Tsinghua's over 3,200 international students from 122 countries as well as pupils from Tsinghua's Primary School also participated in the show. The Tsinghua University emblem and other iconic figures were formed by these performers. One hundred players from the Tsinghua University Student Art Troupe's Marching Band also staged a field show at the beginning of the ceremony. Over 8,000 people attended the ceremony, including many returned alumni, faculty members and students.

After rounds of fierce competition, the Department of Automation and the Department of Environmental Science and Engineering won the track and field championships of Group A and Group B (divided according to the total number of students), respectively.

The competitions also included other events, such as football, basketball, and swimming, which are distributed through much of the year.



Faculty and staff members and students form a relay which indicates the older generation passing the tradition to the younger generation

Research & Achievements

Tsinghua Tops Chinese Universities in 2010 *Nature Publishing Index*



According to the *Nature Publishing Index 2010 China*, published on May 11th, Tsinghua ranks first among Chinese universities in the factor of publication output. The Index details a dramatic rise in the quality of research being produced by China. The ranking is based on articles in *Nature* and the 16 nature research journals in 2010.

The Index lists 110 Chinese universities and research institutions, including 64 universities and 46 research institutions and hospitals. Tsinghua University ranks immediately after the Chinese Academy of Sciences with a corrected count of 6.16 from 16 articles. The top five universities in descending order are Tsinghua University, the University of Science and Technology of China, Peking University, Nanjing University, and the University of Hong Kong.

“The majority of these institutions have now established their own areas of expertise,” says Felix Cheung, editor of *Nature China* and this supplement. “Tsinghua University, USTC, BGI Shenzhen, Nanjing University, Southeast University and Xiamen University, for example, have respectively become leaders in structural biology, physics, genetics, materials, metamaterials and chemistry.”

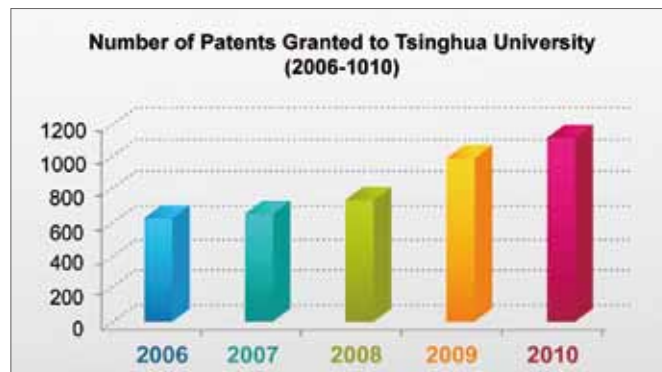
Tsinghua Ranks 7th in World Universities with U.S. Patents

According to the latest compilation by the Intellectual Property Owners Association, fourteen universities, including Tsinghua University, were among the 300 organizations that earned the most patents from the U.S. Patent and Trademark Office in 2010.

Tsinghua University is the only Asian university on the list, which was ranked 228th over all with 104 patents granted.

The other thirteen universities on the list were the University of California system (349), MIT (174), Stanford (155), University of Wisconsin (136), Caltech (134), University of Texas (122), University of Illinois (85), University of South Florida (83), Columbia University (82), University of Michigan (78), Cornell (74), University of Pennsylvania (77), and University of Washington (74).

Dr. Paul R. Sanberg, President of the National Academy of Inventors, said, “The National Academy of Inventors congratulates all universities on this list.” “Cost-effectiveness



is an important and often overlooked issue,” he explained, “University-based researchers need to get the most ‘bang’ for their research ‘bucks.’ This is especially true as research universities get more involved with industry and economic development, and their budgets increasingly need to diversify research income.”

New Counterfeit Banknote Detecting Technology

The “Multy-spectral image based counterfeit banknote detecting technology and system,” developed by a research group led by Associate Professor Liu Changsong from Tsinghua’s Department of Electronic Engineering in three years, recently passed the technical appraisal organized by the Ministry of Education.

The system was the first to combine the multi-spectral image counterfeit detecting with the serial number identification. It can be used to identify and detect 14 different countries’ counterfeit banknotes, including RMB, USD, EUR, and GBP. Double sided image collecting and processing speed exceeds 900 banknotes per minute.



Multi-spectral image based counterfeit banknote detecting system

The “Multy-spectral image based counterfeit banknote detecting technology and system” can be easily installed and used in various machines, including money counters, ATMs, even vending machines which accept paper money.

The appraisal committee, including experts in information processing, standardized management, and anti-counterfeit products inspection, commented that the “Multy-spectral image based counterfeit banknote detecting technology and system” made important progress in counterfeit detection and serial number identification, and the system has reached the international advanced level.

Center for Stem Cell Biology and Regenerative Medicine Opens

The Center for Stem Cell Biology and Regenerative Medicine was inaugurated at Tsinghua University on March 18th.

Professor Shi Yigong, Dean of Tsinghua’s School of Life Sciences, announced the opening of the Center. He reviewed the background and founding of the Center at the Inauguration Ceremony. He also elaborated on the research topics of the five core teams in the Center which include embryonic stem cells, germ stem cell, neural stem cell, hematopoietic stem cells, and cancer stem cells as well as their epigenetic regulations.

The Frontiers of Stem Cell Research Symposium was also



Inauguration Ceremony of Center for Stem Cell Biology and Regenerative Medicine

held following the Ceremony. Ten renowned experts in stem cell research, including Professor Lin Haifan, Director of the Yale Stem Cell Center, Professor Reijo Pera, Director of Stanford University's Center for Human Embryonic Stem Cell Research and Education, and Professor Zhou Qi, Vice Director of the State Key Laboratory of Reproductive Biology of the Chinese

Academy of Sciences, presented reports on their frontier research at the symposium.

Mr. Zhang Xian'en from the Ministry of Science and Technology of China and Tsinghua Vice President Kang Kejun attended the inauguration ceremony and delivered speeches.

Social Links

Student Volunteers Help Children of Migrant Workers

Student volunteer organizations from Tsinghua University have established caring links with nearly twenty schools in suburban Beijing in which pupils are migrant workers' children. In the past year, over 1,300 student volunteers, from the Charity & Commonweal Association, Zijing Postgraduate Student Volunteer Group, Red Cross student branch, and volunteer groups in departments, participated in programs serving about

3,600 pupils. They taught various courses, tutored to help their studies and life, and donated computers to the schools.

For example, the School of Economics and Management has set up an aid program for Zhenhua Primary School at Beijing's Changping District. Volunteers have carried out the program for five consecutive years, eight to ten times each semester. Every time they bring new knowledge to those children, enrich their experience, and help to share the burden of local teachers. A student volunteer said, "We hope that they could have more contact with world outside, and we are willing to bring them more joy through our program."

Another program, run by the School of Humanities and



Volunteers with Children at Zhenhua Primary School

Social Sciences, is to help children of migrant workers who are janitors at the Environment and Sanitation Division in Beijing's Haidian District. Because the janitors work in shifts all day long, many children cannot get enough care or help with school work from their parents. Some children lack confidence and feel inferior to others. The volunteers focus their efforts on delivering learning skills and psychological guidance, helping them open their minds and live with a positive attitude.

Helping children from migrant worker families is part of Tsinghua University's social service efforts. More than 18,000 Tsinghua students have participated the volunteer actions and offered 260,000 hour service to people in need.

First Hospital Cures Hundreds of Children with Heart Defects

Over a hundred children with congenital heart disease have been cured at First Hospital of Tsinghua University every year since 2006. The Department of Cardiovascular Surgery of First Hospital of Tsinghua University raised over RMB five million charity fund in 2010 alone to operate surgeries on more than 130 children with congenital heart disease.

Most of these children had suffered from complicated and difficult heart disease. A four-month-old abandoned infant, for example, with complex congenital heart defects was diagnosed with transposition of the great arteries, ventricular septal defect, interrupted aortic arch, and patent ductus arteriosus in a charity center. Professor Wu Qingyu, President of First Hospital of Tsinghua University and a renowned expert in



Professor Wu Qingyu examines a baby patient

cardiovascular surgery performed a successful operation on the infant. The cured infant became healthy and was adopted later. Another five-year-old orphan from Tianjin Children's Charity Center suffering from complex heart disease also received an operation at the hospital and now can enjoy a healthy childhood like other boys.

Professor Wu said, "Impoverished families need more

help from society. Congenital heart diseases occur in about 0.6 percent of newborns in China. A child's cardiovascular surgery usually costs tens of thousands RMB. One third of the young patients' families cannot afford to pay for the surgeries. Yet 90 percent of them could be cured if operated promptly."

To cover the cost of the surgeries, 28 charity entities have raised funds for orphans and children of impoverished families.

Tsinghua Donates Dormitory Building to School in Guizhou

Under the Educational Charity Project of Tsinghua, the University donated RMB 50,000 to a middle school in Guizhou Province for building its student dormitory early this year. Shuangjiang Nationalities Middle School is located in a mountainous area in Jiangkou County. The school's teaching facilities, especially the shabby student dormitory which has a hidden peril, could not meet the students' needs or safety requirements. With the donation, construction work started in spring 2011.

The Educational Charity Project was launched by Tsinghua University in July, 2010. It aims to support poverty-relief and social charity work in underdeveloped areas with donations and intellectual aid, with an emphasis on local education. The campaign includes programs such as financially supporting students from low-income families to complete their compulsory education, offering technical training courses to students and workers, and providing innovative leadership study programs for local government officials.

International Cooperation & Exchange

Prestigious University Presidents Conferred Honorary Doctorates

Tsinghua University conferred Honorary Doctorates on Professor Andrew Hamilton, Vice Chancellor of the University of Oxford, and Professor Robert J. Zimmer, President of the University of Chicago.

Tsinghua President Gu Binglin awarded the Honorary Doctorate to Professor Andrew Hamilton at the conferring ceremony in the morning of April 22nd. The two presidents also signed a memorandum of understanding to enhance student exchange and research collaboration between the two universities. After the ceremony, Professor Hamilton delivered a speech titled "Reaching Out: The Benefits of Globalization for the World's Best Universities" to Tsinghua faculty and students. He said that "going global is an important part of the core activities of the university to do research and educate students, while also enabling additional contributions to the nation and the world." He also emphasized that "a university's responsibility to its students goes beyond simply filling their heads with knowledge and skills. We owe it to our students to help them grow to be capable adults, able to direct their lives and contribute to their communities, societies and the world." Professor Andrew Hamilton was admitted as Vice-Chancellor of the University of



President Gu (right) confers the Honorary Doctorate to Professor Hamilton



President Gu confers the Honorary Doctorate to Professor Zimmer

Oxford on October 6th 2009. His research interests lie at the interface of organic and biological chemistry.

Professor Robert J. Zimmer also delivered a speech on "Universities and Globalization" after being conferred the Honorary Doctorate in the afternoon of April 22nd. While answering a student's question about what makes a world-class university, he said such a university should foster imagination and creativity, and provide a great environment to enhance them to work together to produce extraordinary research results and education. Professor Zimmer spoke highly of Tsinghua's high-level education. Professor Zimmer was appointed as the President of the University of Chicago in July 2006, and has specialized in the mathematical fields of geometry.

Cambridge Vice-Chancellor Speaks on Spirit of Discovery

Sir Leszek Krzysztof Borysiewicz, Vice-Chancellor of the University of Cambridge, visited Tsinghua University on April 7th, and delivered a speech with a theme of the Spirit of Discovery at the hundredth lecture of Tsinghua Global Vision Series.

Professor Sir Borysiewicz indicated that universities should strengthen their ties of cooperation and work together to deal with such global issues as poverty, population, the environment and energy resources. He encouraged the students to develop the spirit of discovery and gain the joy of being the first to discover a new thing. Sir Borysiewicz emphasized that exploration and discovery will open a door of opportunity for



students; discovery is such an exciting journey that it is worthy of young people's efforts and dedication. After the speech, Sir Borysiewicz communicated with students on their interested topics such as personal development, college studies and research.

Professor Sir Leszek Borysiewicz became the 345th Vice-Chancellor of the University of Cambridge on October 1st, 2010. He is a renowned medical scientist and was formerly chief executive of the United Kingdom's Medical Research Council.

Tsinghua University established a cooperative partnership with Cambridge in 1998 with the first General Agreement between the two universities signed at Tsinghua.

IBM President Samuel Palmisano Speaks on Tsinghua Forum

IBM Chairman, President and Chief Executive Officer Samuel J. Palmisano visited Tsinghua University on May 10th. Tsinghua President Gu Binglin met with Mr. Palmisano in the Main Building and exchanged ideas for promoting further cooperation between Tsinghua and IBM.

Chairman Palmisano later delivered a speech entitled "A Business and Its Ideas: Shaping a Company and a Century" on Tsinghua Forum. In his presentation, Mr. Palmisano shared the experience of IBM in the past 100 years and underscored the great importance of innovation and company culture. "Any organization, in order to survive and achieve success, must have a sound set of beliefs on which it premises all its policies and actions," he said. "The most important single factor in corporate success is faithful adherence to those beliefs." He also added



IBM President Palmisano speaks on Tsinghua Forum

that "if an organization is to meet the challenges of a changing world, it must be prepared to change everything about itself except those beliefs as it moves through corporate life." Mr. Palmisano noted that one of the first things he did as IBM's CEO was to initiate an effort to re-examine the company's core values. "I truly believe that none of our work since remaking IBM's portfolio of products and services and globally integrating our company would have been as effective or sustainable if we had not first gone back to the basics, back to our roots, back to the foundation of our culture."

Tsinghua University Vice President Kang Kejun hosted the Forum. The year 2011 marks the centenary of both Tsinghua and IBM.

Education Outlook

International Students Keep Increasing

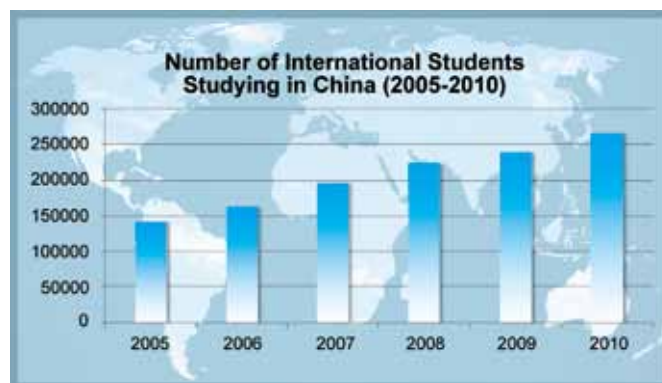
More than 3,000 international students have been awarded the Beijing International Students Scholarship in 2010 with a total value of RMB 45 million. Since its launching in 2006, nearly 15,000 excellent international students studying at 49 universities in Beijing have received RMB 190 million financial aid in this form.

The Scholarship aims to attract more international students

to higher educational institutions in Beijing. Their number grew by 33.8% from 47,000 in 2006 to 71,000 in 2009. At the end of 2010, there were about 80,000 international students from 183 countries studying at 81 universities and colleges in Beijing. The top ten source countries of international students are the Republic of Korea, the USA, Japan, Thailand, Indonesia, Kazakhstan, Russia, Mongolia, France, and the UK.

Under the Study in Beijing Initiative, the number of international students will keep increasing. It is expected that 150,000 international students will study in Beijing in 2020, and over 60,000 of them will be degree candidates.

The Study in Beijing Initiative is supported by the Study in China Program, which was launched by the Ministry of Education in April 2010. This program aims to make China a world-class brand of education and the largest destination country in Asia for overseas studies. It is hoped that the international enrollment at universities, secondary and primary schools in China will reach 500,000 by 2020.



Universities Cooperate in 2011 Admission Exams

To attract gifted students from middle school graduates, universities in China set their own channels in cooperation with each other. Seven elite universities in China have cooperated in their independent admission exams, named AAA Independent Admission Alliance, in February, 2011. The alliance, established in 2009, originally consisted of five universities including Tsinghua University, Shanghai Jiaotong University, Xi'an Jiaotong University, Nanjing University, and the University of Science and Technology of China. Zhejiang University and Renmin University joined the alliance in 2011.

The examinations include three tests, namely the General Exam, the Special Exam and the Interview. The General Exam has been formally named the Advanced Assessment for Admission (AAA). It is conducted by professional examination institutes authorized by the universities. It tests the students' all-around ability in addition to the National College Entrance Examination (NCEE), which tests mainly students' textbook

knowledge. Students' AAA scores are accepted among the alliance members, and the Special Exam scores given by one member university can be taken as a reference by another. Those who pass the General Exam will be eligible for interviews at Alliance universities.

Tsinghua University is one of the initiators for independent admission exams of top Chinese Universities. Apart from the AAA Independent Admission Alliance, the Thirteen-University Alliance initiated by Peking University, and the Excellence Talents Alliance with nine engineering universities, are also in action in 2011 to recruit their own favorite students. Students from different regions and varied backgrounds have the opportunity to show their talent and get extra scores besides the NCEE, improving their chances to get into the university. The gross admission rate of Chinese universities is about 26.5% at present. The Chinese government plans to increase the number to 40% by 2020.



Universities of AAA Independent Admission Alliance

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