Tsinghua Newsletter  Issue 19  March 2012
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Previous Newsletters can be found on the website at http://news.tsinghua.edu.cn/publish/newsen/7160.
Dr. Chen Jining Appointed as Tsinghua President

Dr. Chen Jining, Professor of Environmental System Analysis, was appointed President of Tsinghua University early this year. The announcement was made to the public on February 20th, 2012.

Dr. Chen Jining enrolled in Tsinghua University in 1981 and gained his bachelor's degree in environmental engineering in 1986. He then obtained his Ph.D. degree in environmental systems analysis from Imperial College London in the UK in 1993. After starting to work at Tsinghua in 1998, Dr. Chen was appointed Vice Chair of the Department of Environmental Engineering. Soon afterwards, he became Chair of the Department of Environmental Engineering in 1999. By 2006 he had taken the position of Tsinghua Vice President and was appointed Executive President in 2007.

Dr. Chen is a member of National Environmental Advisory Commission, Deputy Chairman of Science and Technology Committee of China’s Ministry of Environmental Protection, and Vice President of Chinese Society for Environmental Sciences.

Professor Gu Binglin, an academician of Chinese Academy of Sciences, had served as Tsinghua President since April 2003. During his nine years in the post, Tsinghua made considerable progress in teaching, research, social service, and faculty recruiting and structuring. Professor Gu now serves as Dean of Tsinghua’s Institute for Advanced Study.

Tsinghua Academics Win China’s Top S&T Awards

The 2011 National Scientific and Technological Awards were announced in a ceremony held in the Great Hall of the People in Beijing on February 14th, 2012. Two scientists received the Top S&T Award. One of them is renowned architect Wu Liangyong, a professor at Tsinghua’s School of Architecture.

Professor Wu is a member of both the Chinese Academy of Sciences and the Chinese Academy of Engineering. Committed to the theory and practice of architecture and urban and country planning for decades, Professor Wu has pioneered research on human habitat. The Ju'er Hutong Courtyard Housing Project, designed by Professor Wu, represents a new approach to urban renewal in the heart of Beijing. Here traditional courtyard housing is being restored and improved, avoiding the need for the wholesale demolition of historic but dilapidated inner-city housing. The Beijing Charter drafted by Professor Wu and issued during the 20th Congress of the International Union of Architects has become a blueprint for the development of architecture in the new millennium.

At the ceremony, 19 projects carried out by Tsinghua faculty members received five State Natural Science Awards, four State Technological Invention Awards, and ten State Scientific and Technological Progress Awards.

Professor Qiu Yong and his team won one of the only two first prizes of the State Technology Invention Awards for their work on the Organic Light Emitting Diode. With lower power consumption and a longer service life compared to other products, the technology was used in spacesuits worn by Chinese astronauts when conducting extravehicular activities.
In the 2011 election of new academicians of the Chinese Academy of Sciences (CAS), three Tsinghua professors were included on the list of 51 scientists from across the whole country.

Professor Li Yadong from the Department of Chemistry

Professor Wu Liangyong

Professor Qiu Yong and his team

Other award winning projects led by Tsinghua faculty members include:

Three second prize winners of the State Natural Science Award are Stochastic Models and Performance Optimization for Resource Management in Computer Networks led by Professor Lin Chuang from the Department of Computer Science and Technology, Mechanisms on Hierarchical Assembly of Biomineralized Collagen led by Professor Cui Fuzhai from the Department of Materials Science and Engineering, and Size Effect of Micro/nano Scale Heat Transfer and its Physical Mechanisms led by Professor Guo Zengyuan from the School of Aerospace.

Three second prize winners of the State Technological Invention Award are Implementation of Novel Supercapacitors Based on Micro/nano Technology led by Professor You Zheng from the Department of Precision Instruments and Mechanology, Feature Sensitive Geometry Processing Techniques for 3D Models and Applications led by Professor Hu Shimin from the Department of Computer Science and Technology, and LDPC Coding Technology and its Application led by Professor Lu Jianhua from the School of Aerospace.

Two second prize winners of the State Scientific and Technological Progress Award are Theories and Key Technologies for Sulfur Dioxide Emission Control in China led by Professor Hao Jiming from the School of Environment, and Application and Research of Time-variation Construction Analysis and Key Construction Control Technology in Large and Complex Steel Structure Engineering led by Professor Guo Yanlin from the Department of Civil Engineering.

By the end of 2011, Tsinghua had won a total of 439 National Science and Technology Awards, including one Top S&T Award, 49 State Natural Science Awards, 124 State Technological Invention Awards, and 265 State Scientific and Technological Progress Awards.

Three Tsinghua Professors Elected CAS Members

In the 2011 election of new academicians of the Chinese Academy of Sciences (CAS), three Tsinghua professors were included on the list of 51 scientists from across the whole country.

Professor Li Yadong from the Department of Chemistry was elected as a member of the Division of Chemistry, while Professor Nan Cewen from the Department of Materials Science and Engineering together with Professor Luo Jianbin from the Department of Precision Instruments and Mechanology were elected as members of the CAS Division of Technological Sciences.

The election of CAS members is held every other year. Tsinghua currently has 39 members.

In 2011 six Tsinghua alumni were also elected as members of the Chinese Academy of Engineering.
Liu Binjie Appointed Dean of School of Journalism and Communication

Professor Liu Binjie was appointed Dean of the School of Journalism and Communications at Tsinghua University on March 1st. He is the Minister of China’s General Administration of Press and Publication, and Director-General of the National Copyright Administration.

Professor Hu Heping, Chairman of the University Council, presented the certificate of appointment to Professor Liu. Professor Liu said at the Appointment Ceremony, “I feel a great responsibility to train excellent future media professionals for the nation and the global community, especially in an era when human life has been significantly changed by the revolution in the media industry.”

Tsinghua’s School of Journalism and Communication was established in 2002. Professor Liu is the second dean of the School.

Ten Most Popular Teachers Voted by Undergraduates

The ten most popular teachers at Tsinghua were elected based on a network vote for “My Favorite Teacher” held by the Student Union of Tsinghua University at the end of 2011.

The activity was promoted via websites, posters and sina microblog with over 17,000 fans. Twenty faculty members were elected for the second round, including 12 teachers for public elective courses and eight teachers in major courses. In the second round of on-site voting, the list of ten winners was decided. Six of them are professors for major courses: Professor Sun Xudong (Electrical Engineering), Professor Xu Mingxing (Computer Science and Technology), Professor Ni Guangheng (Hydraulic Engineering), Professor Zhang Li (Data Structures and Algorithms), Professor Li Bo (Management Science and Engineering), and Professor Li Lefei (Intelligent Transportation Systems). The other four are teachers in public elective courses: Mr. Lv Jishu (Military Theory), Professor Qian Yingyi (Economics), Mr. Wang Junhua (Physical Education), and Professor Zhao Wei (Circuitous Philosophy).

These faculty members, known for their efforts and achievements in their academic careers, all felt very proud of the honor. According to the Student Union, the annual activity aims to show respect and gratitude to the faculty members and strengthen the bonds and communication between students and faculty members. This activity has been held for four years, with an increasing number of students participating in the vote each year.

Students present flowers to the Most Popular Faculty Members

Student Education & Development

The 2nd National Student Public Benefit Entrepreneurship Competition

The finals of the 2nd “Northern Light-Tsinghua Cup” National Student Public-benefit Entrepreneurship Competition was held in November 2011 at Tsinghua University. The competition was hosted by the Tsinghua Student Affairs Office and sponsored by Northern Light Venture Capital, a company run by Tsinghua alumni.
Students from 43 colleges and universities participated in the competition. After the first round, 22 teams from 18 universities qualified for the finals. Project topics running for competition cover such areas as environment and education. The Tsinghua student team and Sun Yat-sen University’s team both won the gold awards. Tsinghua’s student team, led by Mr. He Liang, a senior from the School of Law, presented a project that aims to improve the quality of meals in schools for children of migrant workers. The Sun Yat-sen University team launched a charity store which encourages people to donate or sell unwanted articles to the needy recipients.

Compared with the traditional entrepreneurship competitions, this one attaches more importance to social welfare and public interest, with contestants having to demonstrate how they were involved in the execution of their projects. Successful contestants optimize the limited resources to design innovative, operable, sustainable, and practical projects based on their investigation and analysis of social needs. Most importantly, all the projects that won the awards convey the best interest of the public.

AAD Students Championed in Contemporary Ceramic Art Exhibition

Professor Li Zheng’an and five graduate students of the Academy of Arts & Design (AAD) participated in the Contemporary Ceramic Art Exhibition of China held in November 2011 in Hangzhou, Zhejiang Province.

The exhibition showcases works in three groups, traditional, modern and daily-use ceramics. Among more than 100 ceramics pieces displayed, “After Rain” by Zhai Yabo from Tsinghua University was presented with the only Gold Award in the daily-use ceramics group. “Joint Celebration” by Su Tingting and “The Ripples on the Lake” by Ding Shan won two out of the three silver awards. “Impression of the West Lake” by Chen Hao and “Spring” by Shi Xiaoyi received the bronze award in the daily-use ceramics group and the special award respectively. Professor Li Zheng’an is the tutor for Zhai Yabo, Su Tingting, Chen Hao and Shi Xiaoyi.

The Contemporary Ceramic Art Exhibition of China was hosted by Ceramics Science & Art and the Art Committee of China Ceramics Industrial Association, and organized by Hu’nan Ceramic Artists Association. The Contemporary Ceramic Art Exhibition of China has been held annually for six years.

2011 Scholarship Awards Ceremony Held at Tsinghua

The Tsinghua Scholarship Awards Ceremony was held in the Main Building on December 17th, 2011. The University Council Chairman Hu Heping, Vice President Yuan Si, Vice President Qiu Yong, and Vice Council Chairman Shi Zongkai attended the ceremony and awarded the scholarships.

Eleven students were awarded the “Top Grade Scholarships” and 19 students received the “Jiang Nanxiang scholarships.” 55 students won “December-9th scholarships”,

From left: Ms. Ding Shan, Mr. Chen Hao, Professor Li Zheng’an, Mr. Zhai Yabo, and Ms. Shi Xiaoyi

The Tsinghua team members and the migrant workers’ children

After Rain by Zhai Yabo
The Ripples on the Lake by Ding Shan
Spring by Shi Xiaoyi
Breast cancer tops the cancer incidence rates in women in both developed and developing countries. So there is an urgent need to find new therapies and treatments to lower the mortality rate. Fortunately, recent discoveries and technology innovation in nanomaterial are paving the way for potential new solutions. Professor Huang Laiqiang and his team at the Shenzhen Key Lab of Gene & Antibody Therapy in Tsinghua University’s Graduate School at Shenzhen have been working in this field for years. A novel chemotherapeutic agent which they have formulated based on nanotechnology has shown great promise to markedly improve the treatment of breast cancer.

By producing a copolymer of PCL, PGA and D-a-tocopheryl polyethylene glycol 1000 succinate (TPGS), a vitamin E derivative which increases solubility, Professor Huang’s team, which includes Dr. Mei Lin and several other post-doctorates and students of the Lab, produced nanoparticles loaded with the chemotherapy drug Docetaxel. These nanoparticles, named TPGS-b-(PCL-ran-PGA), were shown to be more toxic to tumor cells than another clinically-widely-used chemotherapeutic drug, Taxotere®, both in vitro and in vivo.

Experimental data showed that the fluorescent TPGS-b-(PCL-ran-PGA) nanoparticles can be internalized by MCF-7 cells, a breast cancer cell line. These TPGS-b-(PCL-ran-PGA) nanoparticles achieved significantly higher levels of anti-cancer cytotoxicity than Taxotere®. A MCF-7 xenograft tumor modeled on severe combined immunodeficiency mice showed that Docetaxel formulated in the TPGS-b-(PCL-ran-PGA) nanoparticles could effectively inhibit the growth of tumor over a longer period of time than Taxotere® at the same dose.

Professor Huang says the TPGS-b-(PCL-ran-PGA) copolymer is a novel and potentially superior biologically degradable and active polymeric material for nanoformulation of chemo- and bio- therapeutics to treat cancer more effectively. The discovery by Professor Huang’s team was published on the front cover of the October 2011 Issue of Integrative Biology, a monthly journal published by the Royal Society of Chemistry in UK.
Top 10 Listing for Three Tsinghua Projects

Three projects led by Tsinghua’s faculty members have been elected by China’s Ministry of Education into the Top Ten Scientific and Technological Advancements from Chinese Universities in 2011.

Tsinghua is the only academic institution to see three of its projects elected into the top 10. The 2011 list includes projects from seven universities, covering a range of research topics such as agriculture, life sciences, materials, physics, and archeology.

Tsinghua’s three listed projects are:

- Structure and Function of the AAA+ Molecule Machine led by Professor Shi Yigong from Tsinghua’s School of Life Sciences.
- Research on Superconductivity of Iron Selenide Thin Film led by Professor Xue Qikun and Professor Chen Xi from the Department of Physics.
- Geometrical Enhancement of Low-field Magnetoresistance in Silicon led by Zhang Xiaozhong from the Department of Materials Science and Engineering.

The Ministry of Education introduced its annual list of Top 10 Scientific and Technological Advancements from China’s Universities in 1998 to strengthen the research capabilities of higher educational institutes and promote research innovation. It has accumulated a high social reputation over the past 14 years.

New Institutes in Rural and China Studies

Two new research institutes were recently established at Tsinghua University.

A ceremony was held in the Main Building on the establishment of the China Institute for Rural Studies on December 29th, 2011. The institute will act as a platform for research on agriculture, rural areas, and farmers for faculties and provide valuable information for policy makers. Mr. Chen Xiwen, Deputy Director of the Central Rural Work Leading Group, was appointed the founding Director of the Institute. Director Chen said at the ceremony, “Considerable progress has been made in agricultural and rural development, yet challenges are still there waiting to be tackled.”

The Institute of China Studies was unveiled at Tsinghua on January 12th, 2012. The Institute will lead research on contemporary China and serve as a think tank for national strategy and key public policy making. The interdisciplinary institute comprises faculty members from the School of Public Policy and Management, Institute of Education, School of Humanities and Social Sciences, and other related departments. Professor Hu Angang, a well-known analyst of China’s development, was appointed the first Director of the institute.
Social Links

Retired Professor Donates Savings to Help Impoverished Students

Hundreds of impoverished young people in China’s Gansu Province are being given the chance of a lifetime, thanks to the generosity of a retired Tsinghua University professor.

Refusing to let people know his name, the professor has donated his savings of more than RMB15 million to establish a scholarship foundation in Gansu where almost 12 million people are living below the national poverty line.

Greatly moved by the diligence of students and their passion for learning, he decided to help 400 outstanding students from impoverished families. Each of them will be offered RMB 2,000 every year until they finish their high school education. A scholarship foundation, named Xinghua Scholarship Foundation, has also been established to extend the financial support to more students.

The professor, who suffers from health problems, commissioned his colleague to help him investigate the plight of poor young people in Gansu. The colleagues said the professor and his family have chosen to lead a frugal life, with his biggest wish in life being to support students in need.

Students Donate Computers to Children of Migrant Workers

Student volunteers from a number of universities in Beijing, mainly from Tsinghua University, have been donating second-hand computers for children of migrant workers over the past several years. Hundreds of computers have been
Volunteers show the pupils how to use computers

Just 10% of such schools are able to provide computer lessons. Most of the children have never even touched a computer. This lack of IT equipment and the thirst for better teaching facilities is in sharp contrast to what happens in universities, companies, and urban households. Meanwhile, a large number of computers are abandoned every year, often to pave the way for updated and upgraded equipment. The donation projects are benefiting both the children and the environment.

The volunteer work has attracted more students to join. The inter-university alliance was formed in June 2011, connecting volunteers from Tsinghua and 14 other universities in Beijing.

As well as donating computers, volunteers are also offering lessons in basic computer knowledge and skills to the pupils. Since the scheme started in 2009 the volunteers have donated more than 200 computers to five schools in Beijing, one in Inner Mongolia and one in Guizhou Province. They have also provided over 40 computer lessons.

A volunteer Mr. Lu Xinqing said, “We cannot guarantee a bright future for the migrant children, but we feel with our efforts they are able to learn more about the outside world by gaining knowledge of computers and how to use them. Our donation scheme is something we all want to do at the association.”

Tsinghua’s First Hospital Gives Charity Treatment to Young Heart Patients

Twenty children with congenital heart disease were successfully treated at Huaxin Hospital, Tsinghua’s First Affiliated Hospital, in December 2011. The young patients were supported by the Heart in Love Charity Project. So far Huaxin Hospital, as the Project’s partner hospital, has offered free treatment to 64 young heart patients.

According to statistics there are two million children with congenital heart disease in China. About 140,000 babies are born with the disease each year. Nearly half of them will die within one to two years because of the lack of effective treatment.

After establishing its partnership with the Heart in Love Project, the hospital sent a medical team to the Ali area in collected from Tsinghua’s campus as well as neighboring residential communities.

Their first donation was organized in 2009 by some students from Tsinghua’s Student Association of Educational Poverty Alleviation (SAEPA). Twenty-six computers were transported from Beijing on a journey of several hundred kilometers to a village primary school in Inner Mongolia. Those donations helped the school set up its first ever computer classroom.

Later on the university students concentrated on giving donated computers to schools where children of migrant workers are taught. The schools for children of migrant workers were chosen because they were seen as a forgotten corner in a big city, seriously lacking educational resources.

A doctor checks up on the young patients
Tibet Autonomous Region. There the team screened children with congenital heart disease and selected children in the most urgent need. All of the 64 patients who have undergone heart surgery at Huaxin are from the Ali area. In late 2011 the hospital signed cooperative agreements with a number of other charity foundations, aiming to cure more young patients around China.

When the patients were settled into the children’s ward at Huaxin, a team of cardiologists carried out overall check-ups and formulated individual treatment plans for each patient. With adequate preparation the surgery went smoothly and successfully for all the children and they recovered quite well without any complications. Alongside the team of caring doctors and nurses, a number of volunteers also accompanied the children during the twenty days of treatment and brought them delicious food.

The 20th Anniversary of the Zijing Volunteer Team

The “20-Year Zijing · New Start” was held on December 14th, 2011, as a part of the celebration of the 20th anniversary of the Tsinghua University Zijing Volunteer Team.

The Tsinghua University Zijing Volunteer Team was established in 1991 with the goal of self-practice, self-education, serving the people and the society. Over the last 20 years, the Team has been engaged in numerous social services like environmental protection, emergency aid, charity sales, blood donation, looking after elderly people in nursing homes, weekly voluntary teaching in schools for migrant workers’ children, helping autistic kids, and organizing public-welfare activities like book donations.

In 2008, over 3,000 Tsinghua students served as volunteers in the Beijing Olympics and Paralympics. When the magnitude-8.0 earthquake in southwest China struck Wenchuan County, the Zijing Volunteer Team and other student associations held an emergency blood-donation activity. On the same day, nearly 1,000 Tsinghua students queued to donate blood from noon to midnight. A total of 182,000cc of blood was donated in just one afternoon. Zijing Volunteer Team has been highly commended by people from various walks of life.

By 2011, those volunteer activities had attracted 19,714 Tsinghua students with an accumulated 411,754 service hours.
English-taught Masters Program on Construction Management

A new English-taught masters program, International Construction and Project Management (ICPM), run by Tsinghua’s Department of Construction Management, started to recruit students from November 2011.

Through ICPM, students will be able to access the Chinese construction market and society and have a world vision of contemporary issues relevant to international construction. The courses are between 14 and 20 months.

Professor Fang Dongping, Chair of Tsinghua’s Department of Construction Management, said: “In the global village there is a need to have a better understanding of different methods of procurement, new contractual arrangements, and the importance of culture in the way companies from different countries think and operate.”

Tsinghua now offers eleven English-taught masters programs. Others include Masters in Architecture, Masters in Management Science and Engineering, Masters in Environmental Engineering and Management, Masters in Mechanical Engineering, Masters in Advanced Computing, Masters in Global Business Journalism, Masters in International Development (MID), International Masters in Business Administration (IMBA), Masters in International Relations, and The Masters of Law Program (LL.M. Program) in Chinese Law.

Global Research Collaborations Continue to Grow

Tsinghua University signed 493 cooperative contracts with international partners in 2011. The annual income from international R&D cooperation reached RMB 342 million.

Tsinghua has actively promoted comprehensive and inter-disciplinary international research and development collaboration, and has launched a number of joint research centers with leading international companies in areas such as energy, environmental science, information technology, health care, humanities and social sciences.

Many of the successful university-industry joint research organizations are already in productive operation. As an example, Tsinghua commenced a research collaboration with Toshiba in the fields of energy and environment science in October, 2007. Toshiba set up a research center with Tsinghua’s Department of Thermal Engineering in April 2008. The center is devoted to research in steam turbines and other power generating devices with a high performance capability and long life-span, and to the development of energy saving technologies. The center also researches smart grids, CCS (Carbon Capture and Storage), water treatment and urban transportation.

The collaboration has led to a number of remarkable research achievements. In 2011, the research center was upgraded to “Tsinghua-Toshiba Energy and Environment Research Center,” tasked with enhancing interdisciplinary cooperation in areas including renewable energy, environmental science, electric vehicle and smart communities.

Other joint research centers include the Tsinghua University-Swire Properties Joint Research Center for Building Energy Efficiency and Sustainability, the Philips-Tsinghua Center for Biomedical Imaging Research, the Tsinghua University (Research Institute of Information Technology)-Nokia (Research Center) Joint Laboratory of Mobile Computer Innovative Technology, and the Brookings-Tsinghua Center for Public Policy.
Tsinghua also co-founded the “Institute for China-Russia Strategic Cooperation” with four leading Russian universities and research institutes in 2011. The institute promotes information exchanges, the cultivation of talent and disciplinary development between Chinese and Russian universities and institutes. The new institute will also become an effective platform and think tank for strategic cooperation between the Chinese and Russian governments.

**Tsinghua Expands Its International Links**

Tsinghua University continued to expand its international links during 2011, signing 41 university level agreements with 36 international partners from 25 countries. To date, Tsinghua has built partner relationships with 237 universities and organizations in 45 countries.

More than half of the agreements have been signed to enable student exchanges and joint education arrangements. Of the 41 newly signed agreements, 23 are for student exchanges or for double degree education programs.

To strengthen its links with neighboring countries Tsinghua signed a special agreement with the Tokyo Institute of Technology and Korea Advanced Institute of Science and Technology in July 2011, launching the ‘Campus Asia’ initiative between the three partners. Campus Asia initiated by the governments of China, Japan and South Korea, aims to facilitate student exchange among the three countries. During a pilot period between 2011 and 2015, each government is supporting 100 undergraduates and postgraduates from each of the other two countries to study in its country every year.

**Symposium on Radio-Frequency Integration Technology**

The 2011 IEEE International Symposium on Radio-Frequency Integration Technology, co-sponsored by the Institute of Microelectronics, Tsinghua University, the IEEE Microwave Theory and Techniques Society, and the IEEE Solid-State Circuits Chapters was held in Beijing from November 30th to December 2nd, 2011. Deputy Director Wang Zhihua of the Institute of Microelectronics served as General Chair of the Organizing Committee for the Symposium.

This year’s theme was Radio Frequency Integration for Health Care and Sustainable Environment. Nearly one hundred experts and researchers in the area attended
Free On-line Courses from Chinese Universities

A number of Chinese universities have started to offer free online courses to the public, following the trend of open courses put online by prestigious universities in the US and UK.

People can view online videos detailing more than 40 popular courses by visiting the website www.icourses.edu.cn. All courses are being delivered by professors and leading academics from renowned Chinese universities, with subjects covering many fields such as Chinese traditional culture, modern etiquette, speech skill development, medicine and health and natural sciences. According to China’s Ministry of Education, it will continue to provide around 6,000 free courses over the next five years.

Over 100 universities, including Tsinghua University and neighboring Peking University, have announced they are planning to provide more free on-line continuing education resources to the public. These courses will include both general education courses and specialized academic courses.

The actions are key initiatives being promoted as part of China’s “Medium and Long-Term National Educational Reform and Development Plan (2010-2020)”, jointly launched by the Ministry of Education and the Ministry of Finance. The programs aim to build open service digital learning platforms as resources for higher education, encouraging more universities to join in. People can study at home via the internet. It is expected the number of people able to benefit from the programs will reach several hundred million.
China’s Education Spending to Hit 4% of GDP in 2012

China’s annual education spending will reach 4% of the country’s GDP in 2012 as part of the government’s plans to increase its spending on learning, according to the Medium and Long Term National Educational Reform and Development Plan announced by the State Council.

China’s GDP in 2011 exceeded RMB 47 trillion, with a year-on-year growth of 9.2%. The Medium and Long Term National Educational Reform and Development Plan indicates that the government should guarantee the growth of its financial allocation to education. According to the Government’s Work Report in 2012, China’s GDP will grow 7.5% this year, reaching more than RMB 50 trillion. Based on the statement of the Ministry of Finance, China’s education budget for 2012 will be increased to RMB 2.19 trillion. It means Chinese people can expect to enjoy more education with higher quality. The increase in the national educational budget will provide a financial foundation to realize that goal.

The ratio of educational spending to GDP is one of the important indicators for measuring the educational level of a country. The world average now is 4.9%. By reaching 4% this year the increase brings China closer than ever to reaching the world average.

China to Recruit Thousand Foreign Experts

China launched the Thousand Foreign Experts Program in late 2011 to recruit up to 1,000 high-level experts from around the world. It is included as part of the framework in a Chinese Government funded initiative, the Recruitment Program of Global Experts. The program is aimed at non-Chinese international experts aged under 65 to work on long-term projects.

Those selected into the program will work in China for at least three consecutive years for no less than nine months each year. Each of them will be offered a RMB one million subsidy by the central government. In addition, those engaged in scientific research, especially in basic research, will also gain RMB three to five million in research funds. The foreign experts will also enjoy preferential treatment in healthcare, housing, taxpaying, salary, and insurance.

Applicant will need a doctoral degree from an overseas university. They should also meet one of the following requirements:

- Hold a professorship or equivalent position in a globally prestigious university or research institution.
- Hold a senior technology or management position in a globally-renowned enterprise or financial organization.
- Own independent intellectual property or core technology, have experience in running an overseas business and a good knowledge of certain industries and international business rules.
- Or be an innovative and entrepreneurially talented individual in China’s most needed areas.

Under the program up to 1,000 outstanding foreign experts will be recruited by various domestic employers over the next ten years.

The first group of experts who will work in Beijing has been recruited. The application deadline for the second and third groups will be on March 12th and July 16th this year.

Tsinghua University

Interior view of New Tsinghua Xuetang

Atrium of Medical Science Building

http://www.tsinghua.edu.cn/eng