



# NATIONAL TAIWAN UNIVERSITY

## 2010-2011

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## 1.1

A Message from the  
NTU President

For the last five years, NTU has continued to soar like a roc, with financial support of 3 billion dollars per year from the Ministry of Education, NTU has braved strong winds and continued to scale new heights in pursuit of its ideal goal.

2010 is the last year of Ministry of Education' s subsidy for us under the first phase of the "Aim for Top University Program." Propelled by the unflagging efforts of every faculty member and student, NTU ascended to the 95<sup>th</sup> place in the UK *Thames Higher Education Supplement* in 2009. And, this year, Shanghai Jiaotong

University' s *Academic Ranking of World Universities* (ARWU) again ranked NTU as the top university in Taiwan, Hong Kong and China. Moreover, it ranked NTU as No.127<sup>th</sup> in the world — a major advance of 23 places over last year' s ranking of 150<sup>th</sup> place. Also, this year was the first time that we surpassed the 145<sup>th</sup> place of Singapore National University, and we pulled well ahead of Korea Seoul University' s at 148<sup>th</sup> place. Thus, we reached our first phase goal of "first among the Chinese, and top in the world" that we set for ourselves several years ago.

At this year' s commencement ceremony in June, I stated that the last five years were a "golden five year" period during which NTU had the most abundant resources at its disposal. I sincerely hope that the government will continue to sponsor this upward momentum without interruption in order to extend this "golden five year" period into an unprecedented "golden ten year" period. At the opening ceremony of a meeting of academicians of Academia Sinica held on July 5<sup>th</sup>, President Ying-jeou Ma announced that the "five year, 50 billion dollar" subsidy for the "Aim for the Top University Program" would not shrink, nor would it be reduced. This announcement was welcomed enthusiastically by every NTU faculty member and student who insists on the pursuit of academic excellence; for we never shrink in our research efforts, nor do we allow ourselves any discount. For instance, in recent years, the achievements of the microwave team of NTU' s Center for Information and Electronics Technologies have been the envy of the world: for three consecutive years (from 2006 to 2008) NTU was the No. 1 university in the world in number of papers published and number of papers cited in the global leader of microwave journals—*IEEE Microwave Theory and Technology* (T-MTT). Also, our SoC team published the greatest number of papers for five years running in the so-called Olympiad of IC design— the ISSCC(International Solid State Circuit Conference). Compared with the elite universities of the world, we surpassed MIT, Stanford University, the University of California at Berkeley, the University of California at Los Angeles, etc. Moreover, we invented the first CMOS implantable drug delivery single chip in the world, which can offer a patient immediate treatment when he/she has too much glucose in the blood or when he/she encounters myocardial infarction. The study was published in ISSCC 2009 and reported extensively in *EE Times*, the most influential online periodical in electrical engineering and electronics at that time. Moreover, the liver cancer research team at our Research Center for Medical Excellence utilized gene therapy by introducing two key types of genes (angiogenesis suppressor genes and anti-cancer immune response inductive genes) into liver cancer cells and mixing them up like

cocktails, which they applied to successfully induce tumor regression in woodchucks infected with B hepatitis. This research result was published in the *Proceedings of the National Academy of Sciences* (PNAS) on August 2<sup>nd</sup> of this year. This result is expected to offer real benefits in the treatment of human liver cancer in the near future.

This is the age of knowledge economy. The university's task is not just to nurture domestic talents but to engage in global competition of academic excellence through knowledge exchanges and transfers. National Taiwan University offers the best teaching and research environments, we have the top academic talents, and we provide our students with the best learning, counseling and care system. With such positive assets, we can engage in student and faculty exchanges with top ranking foreign universities, conduct collaborative research with them and participate in international academic activities. In seeking to open up the international perspective of our students, we have not only increased the quota of exchange students but we arranged overseas summer school programs, visiting programs and international seminars for which the credits may be transferred. In particular, we revised the "Implementation Rules for Dual Degree Programs between National Taiwan University and Foreign Universities" in June 2008. These rules allow NTU students to study at foreign universities abroad after having completed at least two semesters of courses here at NTU, pending approval of his/her application in accordance with the agreement with the foreign university. If the student meets the graduation requirements of both universities, then he/she will be awarded a dual degree. At present, NTU has 21 such collaborative programs with renowned universities in France, the U.S., Japan, Austria, Singapore and Korea. Starting from next year, in response to the anticipated influx of students from mainland China, the scale of recruitment of international students will be enlarged even more. This will not only conduce to multi-sided dialogue, integration and innovation in teaching and research, it will enhance National Taiwan University's contributions to, and standing in, the international academic community.

Whenever I think of the completion of the "Liberal Education Classroom Building" instructional building, I cannot help but imagine NTU faculty and students holding their classes, their conversations — their deep thinking — in its well-equipped e-classrooms, which will offer the promise that every moment of sudden enlightenment will be interconnected into each other's lives, and the newly engendered light of wisdom will lead to crucial steps in the development of human civilization. This is our deepest hope and aspiration.

Finally, I wish NTU a happy birthday. And, I also wish all faculty members, students and alumni Godspeed.

President

Sichen Lee 李嗣諤

# 1.2

## Names and Office Tenures of Former Presidents

- **Sidehada Tan Tairaka Hiroshi**

1928 . 03 ~ 1937 . 09

- **Mita Sadanori**

1937 . 09 ~ 1941 . 04

- **Ando Mastugu**

1941 . 04 ~ 1945 . 03

- **Ando Kazuo**

1945 . 03 ~ 1945 . 08







01 Lo Tsung-lo  
1945 . 08 ~ 1946 . 07



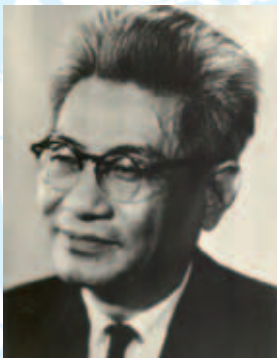
02 Lu Chih-hung  
1946 . 08 ~ 1948 . 05



03 Chuang Chang-kung  
1948 . 06 ~ 1948 . 12



04 Fu Szu-nien  
1949 . 01 ~ 1950 . 12



05 Shen Kang-po  
1950 . 12 ~ 1951 . 03 (acting)



06 Chien Szu-liang  
1951 . 03 ~ 1970 . 05



07 Yen Chen-hsing  
1970 . 06 ~ 1981 . 07



08 Yu Chao-chung  
1981 . 08 ~ 1984 . 07



09 Sun Chen  
1984 . 08 ~ 1993 . 02



10 Kuo Guang-hsiung  
1993 . 02 ~ 1993 . 06 (acting)



11 Chen Wei-jao  
1993 . 06 ~ 2005 . 06



12 Lee Si-chen  
2005 . 06 ~ Present

## 2.1

## About NTU



## Brief History

NTU's institutional predecessor was Taihoku Imperial University, founded in 1928 by the Japanese colonial administration. The first president was Shidehara Tan Tairaka Hiroshi. In 1945, the Republic of China won the war of resistance against Japan, and Taiwan was handed over to the Nationalist government of China. On November 15 of that year, Taihoku Imperial University was formally transferred to Chinese administration and renamed as National Taiwan University, with Dr. Tsung-lo Lo appointed as the first President.

During the Japanese occupation, the University consisted of two academic divisions: the Literature and Politics division and the Science and Agriculture division, with about 60 students enrolled each semester. The Medical division was added in 1936, followed by the Engineering division in 1943. Additionally, the University included the affiliated Agriculture and Forestry division, the affiliated Medical special division, a Tropical Medicine research institute and a preparatory school. Also, in 1943 the Southern Humanities research institute and the Southern Resource research institute were added. At that time, each division operated according to the lecture system, with a full-time Professor in charge of a faculty of associate professors, lecturers, teaching assistants and staff. These divisions and institutes were financially independent and had their own libraries. By 1945, the university expanded to five divisions, including Literature and Politics, Science, Agriculture, Medicine and Engineering, with a total enrollment of 382 students.

After restructuring in accordance with the ROC academic system in 1945, academic departments were established and the former divisions were renamed Colleges. The Literature and Politics division was divided into the College of Liberal Arts and the College of Law. Additionally, colleges of Science, Medicine, Engineering and Agriculture were established. Initially, there were six colleges with 22 departments. In 1945, student enrollment was 585. In the following years, the departments and colleges expanded in faculty and hardware in step with growing budgets and rising social expectations. In 1960, the night school was initiated on a trial basis, and in 1967 a new night school was established. In 1987, the College of Management was established, followed by the College of Public Health in 1993 and the College of Electrical Engineering in 1997. The College of Electrical Engineering was later rechristened the College of Computer Science and Electrical Engineering; in 1999, the College of Law was renamed the College of Social Sciences, and the Night Division and the Center for Continuing Education were combined to form the School for Professional and Continuing Studies. In 2002, the College of Agriculture was renamed the College of Bio-resources and Agriculture, and in 2002 a College of Life Sciences was added. Now, the university has 11 colleges, with 54 departments and 99 graduate institutes, plus four university-level research centers: Population and Gender Studies Center, Center for Condensed Matter Sciences, Center for Biotechnology, and Bio-diversity Research Center. The total number of students, including those enrolled at the School of Professional and Continuing Studies, has grown to over 33,000, including over 17,000 university students and 15,000 graduate students. Now, the number of graduate students at NTU almost equals the number of university students, which indicates that NTU has successfully been transformed into a research university.



## 2.2

Spiritual  
Symbol

## 2.3

The University  
Anthem

## Spiritual Symbol

The University Emblem of NTU was adopted during the tenure of President Chao-Chung Yu. At an administrative meeting held on October 20, 1981, the design selection process was decided upon and initiated. After a two-stage selection process, three sketches were chosen and submitted at a university affairs meeting on December 27 for final deliberation. At the meeting, President Yu proclaimed the emblem design winner and awarded the three designers. Finally, thanks to the concerted efforts of the three designers, with an amendment by Mr. Guang-yi You of the Agricultural Exhibition Hall, the University Emblem was formally adopted.

## The Emblem

When President Yu officially proclaimed the emblem during the University's anniversary celebration on November 15, 1981, he made the following pronouncement: National Taiwan University has long been known for its tradition, distinguished faculty and state-of-the-art facilities. Over the years, its graduates have made tremendous contributions to country and society. In order to represent this venerable tradition and offer guidance to future generations, the founding goals and philosophy of the school are herewith incorporated into the university emblem to be an inspiration to all NTU faculty and students.



## The University Motto

"Integrity, Diligence, Patriotism and Philanthropy," is the cornerstone of the NTU philosophy and dedication.

## The Fu Bell

Symbol of discipline and enlightenment

## The University Tree

The royal palm is a symbol of growth and nurture, broad vision and steadfast willpower. By uniting the plum blossom, the blue-and-white background and the thunder-and-cloud line pattern, the figure combines the spiritual ideals of the country and its cultural traditions together with those of the entire university community.

During the afternoon reception, awards were presented formally to the winners of the emblem project. Messrs.

Hao-ping Sui and Cheng-Yuan Hsieh won the prize for second place, Mr. Ke-yi Yao came in third, and five others were cited for their exquisite designs. The leaf sprout on the royal palm symbolizing the school's ceaseless vitality was a detail added by the task force after careful deliberation. A copyright application for the exclusive right to use the emblem was submitted to the Bureau of Central Standards, which granted the registration (No. 9007) in November 1982 and issued a renewal certificate (No. 000927190) in 1997.

## The University Anthem

The current version of the anthem was first proposed by the second dean of the College of Liberal Arts, Professor Kang-po Shen, who submitted the draft lyrics to President Shih-liang Chien. After it was approved at the administrative meeting on December 17, 1963, Dr. Yuen-ren Chao was commissioned to compose the music, and the anthem was officially proclaimed on December 5, 1969.

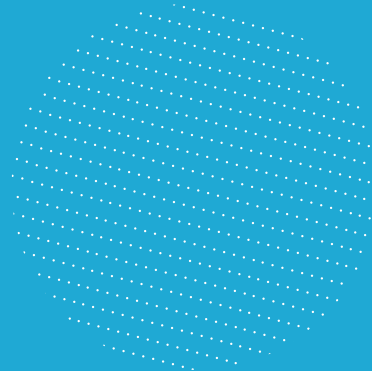
## 2.4

NTU and  
the TAIDA Spirit

The traditional Taida Spirit springs from the ideals espoused by former NTU President Szu-nien Fu during his tenure as university president. President Fu combined lofty ideals with an insistence on NTU's academic autonomy. From the moment he took office on January 20, 1949, President Fu strove to reorganize the university and raise the level of its academic performance. He suffered a cerebral hemorrhage and passed away on December 20, 1950; thus, unfortunately, he led NTU for less than two years. Nonetheless, the ideals he espoused for the university as well as his ideal—and practice — of refusing to bow down to the political powers of the day exerted a deep and lasting influence on the spirit of the NTU administration and faculty, and helped the university to develop with honor and principle over the past half century.

The Tai da Spirit established by former President Fu includes three major tenets:

1. The university should pursue academic research as its primary duty and mission in developing its ideal academic tradition;
2. The university should safeguard the principles of autonomy and academic freedom; campus affairs should be conducted in a spirit of professionalism, allowing absolutely no interference from powers outside of the university; and influence peddling and corruption should be eliminated;
3. The university administration must place equal emphasis on 1) the principle of balance and 2) keeping a local focus. The former ideal is concerned with striking balances between planning and freedom, ideals and reality, tradition and reform and specialized and general education. It is also intended to ensure that each college will develop equally and that neither the humanities nor the sciences and engineering will be neglected at the expense of the other. The latter stresses that the university system should not indiscriminately imitate European and American systems. We should be selective when borrowing from other countries. At the same time, we should pay attention to the currents and background of our own culture if we are to develop NTU's unique face.



NTU continues to abide by former President Fu's ideals for running the university. It pursues autonomy and academic freedom in accordance with the school motto, "Integrity, Diligence, Patriotism and Philanthropy." The University encourages all of its students, faculty and alumni to adopt these principles as personal standards for conducting themselves at school and in society. Current NTU President Si-chen Lee bestowed new meaning on the school motto to make the campus culture more public-spirited. Integrity means honesty, sincerity and discipline, which are to be practiced in daily campus life. They involve the goals of no cheating on exams, no plagiarism on reports, no indiscriminate parking of bicycles and no noise near classrooms. Diligence signifies respect and excellence. It involves maintaining a diligent attitude to learning as well as the tempering one's individual character. Not only is excellence to be pursued in professional life, students are encouraged to peruse the classics of Eastern and Western culture and cultivate their individual thought and maintain questioning, probing attitudes. Patriotism stands for compassion and enthusiasm and means caring for society and feeding back to society through sincere practice. Philanthropy means tolerance and community. It encourages students, faculty and alumni to be tolerant and open-minded, to treat others as they wish to be treated themselves and to find pleasure in cooperating and sharing with others.

The Office of Student Affairs formulated the new explanation of TAIDA Spirit by expanding on the original Taida Spirit. This English acronym reflects NTU's internationalization efforts. It identifies five key goals for NTU students, faculty and alumni to pursue: Teamwork, Accountability, Integrity, Diligence, and Ambition and Vision.





2.5

## NTU's Cultural Strategic Position in the World

Located in Taiwan's capital city of Taipei, NTU is the premier university in Taiwan. Indeed, NTU's cultural strategic position in the world reflects the position of its home, Taiwan, as a whole. Taiwan is situated at the meeting point of the continent of Asia and the Pacific Ocean. Home to numerous indigenous tribes, Taiwan is also the eastern extremity of the distribution of Chinese culture, and was the earliest meeting place between Chinese culture and Western culture. Under the determined administration of Liu Ming-chuan during the Qing Dynasty, Taiwan set a milestone in modernization in the Chinese culture region. During the last few decades, prior to the rapid economic rise of China's east coast, Taiwan was the most important entry point for Western culture into the Chinese culture region. Taiwan also sits at the nexus of Northeast Asia and Southeast Asia where two distinctive East Asian cultures (Southeast Asia was influenced by the Indian and Islamic civilizations while Northeast Asia was largely influenced by Confucian culture) impact each other. In effect, Taiwan lies at the intersection of the four major regions of Asian civilization: East, West, South and North (i.e., East Asia, the West, India and Islam) and has inherited their cultural resources as well as those of its indigenous peoples, and thus possesses its distinctive cultural potential.

Occupying this pivotal position, Taiwan's cultural development included several dramatic encounters and assimilations over the last four centuries. From the original aboriginal cultures to the series of external powers that ruled Taiwan (including the Dutch, Cheng Cheng-kung's Kingdom of Tungning, the Spanish, the Qing, the Japanese and the ROC), each one left an indelible imprint on Taiwan. Among these, the foundation laid by the Kingdom of Tungning has formed the main trunk of local Taiwanese culture. This was the "high point of maritime China," a subject that historians seem to delight in discussing. Maritime China has exhibited an alternative Chinese culture that arose along China's southeast coast. Its history extends over one millennium from the Northern Song Dynasty to the present day. This culture suffered severe setbacks during the Ming and Qing Dynasties, yet it initiated modern maritime China with the maritime trade kingdom controlled by the father and son, Cheng Chih-lung and Cheng Cheng-kung. The arrival of the Cheng clan to Taiwan gave maritime China, which had received little attention before, a fresh opportunity to spread its wings.

At the same time, the dynamism of maritime China required a tacit, mutually complimentary relationship with inland China. Mainstream traditional Chinese culture was distinguished by inner cultivation and governance of the people in harmony with heaven. But, the key shortcoming of this cultural approach was that it could easily devolve into stale conservatism and stagnant isolationism. At the same time, as maritime China expanded boldly, anxiety over Western maritime domination arose in the absence of vigorous inner cultivation. Later, Taiwan received a large infusion of China's inland culture with the arrival of the ROC government in 1945, which yielded a new hybrid of the maritime and hinterland cultures. This led to the formation of modern Taiwan, and especially Taipei, both of which project distinctive, vibrant cultural admixtures.

During the past 80 years, NTU has made outstanding contributions while occupying its parallel strategic cultural position. The university will continue to hold its leading position for the foreseeable future. It will continue steadfastly bear its responsibilities to state, society and humanity.



## 2.6

Outline of  
University History

1945

1950

**1928-1945**

The institutional predecessor of NTU, Taihoku Imperial University, was established by the Japanese government in 1928. In 1945, the Nationalist Chinese won the war of resistance against Japan, and Taiwan was restored to Chinese rule.

**1945**

Taihoku Imperial University reorganized and renamed National Taiwan University. Dr. Lo Tsung-lo inaugurated as the first president.

**1946**

Diploma programs in College of Medicine initiated.

**1947**

Provincial College of Law and Commerce integrated into College of Law.

**1948**

Prof. Chuang Chang-kung inaugurated as President.

**1949**

Prof. Fu Szu-nien inaugurated as President, Chien Szu-liang appointed as Dean of Academic Affairs. A special temporary freshman class for returning local students and refugee mainland students established. Senior Vocational School for Nurses started.

**1950**

The Chinese title of University Hospital adopted. Diploma programs in Medicine terminated. Administrative Office of the University Experimental Forest set up in July in Chushan, Nantou. The University started its first cooperation with extramural institutions by linking the campus Irrigation Engineering Laboratory with the Central Irrigation Experiment Bureau of the Ministry of Economic Affairs. President Fu passed away on Dec. 20. Prof. Shen Kang-po, Dean of the College of Liberal Arts, named acting president.

**1951**

Prof. Chien Szu-liang, Dean of Academic Affairs, inaugurated as President. Graduate Institute of Tropical Medicine reorganized as Graduate Institute of Public Health.

**1952**

The Ministry of Education began to send temporary students to the University. The Veterinary Hospital inaugurated.

**1953**

The Chinese title of Senior Vocational School for Nurses adopted.

1954

**1954**

The University participated in the Joint University and College Entrance Examination. Military education initiated.

**1955**

Extramural evening courses initiated.

**1956**

Taipei Children's Mental Health Center established jointly by the College of Medicine and the Taiwan Provincial Government. Three-year industrial-educational cooperation contract signed with Taiwan Sugar Company.

**1957**

The Senior Vocational School for Nurses stopped taking new students. The University Experimental Farm reorganized and renamed.

**1958**

University Hospital started taking patients covered by the Central Government Employee Insurance Plan.

**1959**

Pre-university course program for overseas Chinese students launched. College of Medicine established the Taipei Public Health Instruction Demonstration Center jointly with Health Bureau of the Taiwan Provincial Government and the Taipei City Government. College of Agriculture co-sponsored the Navigation Survey Center with the Taiwan Provincial Government and the Chinese Photographic Survey Association. The University Hospital started receiving Provincial Government employees covered under the Central Government Employee Insurance Plan.

**1960**

Evening Division established, including Department of Foreign Languages and Literatures, Department of Law, Department of Business Administration and Department of Agricultural Promotion.

**1961**

Pre-university courses for overseas Chinese students discontinued.

1962

**1962**

Joint projects with Academia Sinica initiated.

**1963**

Joint Employment program with Academia Sinica initiated. New enrollment for Evening Division suspended.

**1964**

Agriculture Exhibition Hall inaugurated. University Hospital Shihmen Branch opened. Blood Serum Manufacturing Office jointly operated by the University and the Taiwan Provincial Government since 1951 closed.

**1965**

Mathematics Research Center and Chemistry Research Center jointly established with Academia Sinica and National Tsing Hua University. Agriculture Research Center jointly established with National Chung Hsing University and Taiwan Provincial Agricultural Laboratory. Physics Research Center jointly established with Academia Sinica and National Tsing Hua University. Biology Research Center jointly established with Academia Sinica. Engineering Research Center jointly established with Cheng Kung University and National Chiao-Tung University. Language Center jointly established with Economic Cooperation and Development Committee, Executive Yuan.

**1966**

All-university cooperative relationship established with the University of Michigan.

**1967**

New Evening Division system established for the Departments of Foreign Languages and Literatures, Law, and Business Administration to replace the former Evening Division. Student Exchange Program established with Nanyang University, Singapore.

**1968**

University Hospital completed the first successful kidney transplant operation. University Anthem instituted.

1969

**1969**

NTU Archaeological Studies Team led by Prof. Li Chi discovered Old Stone Age prehistoric remains, possibly over ten thousand years old, at Pahsientung in Changping, Taitung.

**1970**

Prof. Yen Chen-hsing inaugurated as NTU president after President Chien left to take charge of Academia Sinica.

**1971**

Department of History added to Evening Division.

**1972**

Department of Chinese Literature added to Evening Division.

**1973**

University Newsletter Association organized. Counseling Office for Overseas Chinese and Foreign Students established.

**1975**

Joint Industry Research Institute with Ching Ling Industrial Development Foundation established. College of Liberal Arts and College of Agriculture established cooperative relations with Chungnam National University and Chung-Ang University of South Korea.

**1976**

Course selection computerized.

**1977**

Industrial Research Institute Building opened for use.

**1978**

Committee for Campus Planning established.

**1979**

President Chiang Ching-kuo suggested that the University establish a Medical Center. Successful separation of Siamese twins by University Hospital medical team. Academic cooperation agreements signed with University of Washington and Pennsylvania State University, USA.

1980

1980

Regulations on University Organization approved by the Ministry of Education. Alumni Association Building opened for use. Agreement on academic cooperation signed with California State University System, USA.

1981

Administration Council approved Visiting Professorship scheme. Prof. Yu Chao-chung inaugurated as president. Memorandum on cooperation signed with University of Colorado at Boulder.

1982

Department of Archaeology and Anthropology renamed Department of Anthropology. Agreement on scholarly exchange signed with Foreign Student Bureau, Austria.

1983

Former NTU President Chien Szu-liang passed away.

1984

Prof. Sun Chen inaugurated as president. University alumnus Dr. Lee Teng-hui elected Vice President of the R.O.C. New international conference hall constructed and named after the late NTU President Chien. Construction of Medical Center commenced. Agreement on academic cooperation signed with University of Hawaii.

1985

Agreements on academic cooperation signed with University of Paris, France, and Leiden University, Netherlands. Liaison Center established. University Newsletter began publication. University Library initiated CME system.

1986

Agreement on scholarly exchange signed with University of Washington. On-the-job training program and lecture series for university employees launched. Chiu Shih-jung, Tai Ching-nung and 75 other professors nominated as Professors Emeriti. Dr. Li Yuan-che, alumnus of the University, won the Nobel Prize for Chemistry.

1987

1987

Agreements on academic cooperation signed with the University of Pittsburgh, Virginia Polytechnic Institute and State University, and the University of Oklahoma, USA; the University of Pavia, Italy; and the University of Liege, Belgium. Agreement on science cooperation signed with Univ. Pierre et Marie Curie, Paris, France. University Extension Center established. College of Management established, including Departments of Business Administration, Accounting, International Trade, Finance, and Graduate Institute of Business Administration.

1988

NTU alumnus, Dr. Lee Teng-hui, ascended to presidency of R.O.C. upon President Chiang Ching-kuo's death. Agreements on academic cooperation signed with Florida University System, Harvard Medical School, USA; and Univ. de Droit, d'Economie et des Sciences d'Aix-Marseille, France. Agreement on cooperation in post-doctoral studies signed with University of California, Berkeley. The University celebrated its 60<sup>th</sup> anniversary.

1989

Agreements on academic cooperation signed with State University of New York at Stony Brook, University of Illinois at Chicago, and Cornell University.

1990

Agreements on academic cooperation signed with King's College, University of London, and University of Pretoria, South Africa. Agreement on scholarly exchange foundation signed with University of Chicago. Construction of Medical Center completed.

1991

Agreements on academic cooperation signed with Free University of Berlin, Germany; Budapest University of Economic Sciences, Hungary; and Oslo University, Norway. Medical Center opened, the greatest construction enterprise ever undertaken by the University. Liaison Center reorganized and renamed International Programs and Liaison Office.

1992

1992

Continuing agreement of scientific cooperation signed with Univ. Pierre et Marie Curie, Paris, France. Agreements on academic cooperation signed with University of Athens, Greece; Stanford University, USA; Munich University, Germany; University of New South Wales, Australia; Macquarie University, Australia; Bremen University, Germany; University of British Columbia, Canada; and the Chinese University of Hong Kong.

1993

President Sun Chen appointed Minister of National Defense, Dr. Kuo Guang-hsiung, Dean of Faculty, served as the acting President. Agreements of cooperation signed with Alberta University of Canada, Manchester University of England, and North Carolina University of USA respectively. Dr. Chen Wei-jao, the first president of the University to be elected by University faculty, assumed office on June 22. Graduate Institutes of Linguistics, Industrial Engineering, Epidemiology, and Information Management established.

1994

Agreements of cooperation signed with University of California, Davis; Washington University, St. Louis; and University of Melbourne, Australia.

1995

Key parts of the new University Law passed by the Ministry of Education. Report on the Philosophy Department Incident issued.

1996

President Chen Wei-jao re-elected to a second term. Project of University Museum approved. College of Electrical Engineering established. College of Law renamed College of Social Sciences, and a new College of Law established. Victim compensation in the Philosophy Department Incident approved.

1997

Summary report on "The April 6 Incident Investigation" issued by research team.



1998

**1998**

International Programs and Liaison Office renamed Center of International Academic Exchanges. "Ethical Guidelines for NTU Teachers" (proposed by the Committee for Maintaining Teacher's Integrity) passed.

**1999**

Establishment of NTU Biotechnology Research Center approved. Establishment guidelines for NTU Extension Program passed by the Ministry of Education.

**2000**

President Chen Wei-jao re-elected in May to a third term as NTU president. College of Electrical Engineering renamed College of Electrical Engineering and Computer Science. Department of Computer Science & Information Engineering converted from College of Engineering to College of Electrical Engineering and Computer Science. Graduate Institute of San Min Chu I renamed Graduate Institute of National Development. Establishment of "NTU Medicine Research Center" in College of Medicine passed. "Guidelines for NTU Faculty Taking Full-time / Part-time Jobs in Commercial Business Organizations or Groups" passed. "Guidelines for Establishing Committees to Settle Campus Disputes" passed. "Guidelines for Regulating Use of Experimental Animals" passed. Establishment of "Bio-diversity Research Center" in College of Agriculture passed.

**2001**

Academic Collaboration Agreement between NTU and Academia Sinica passed. Graduate Institute of Interdisciplinary Law established in College of Law. "Rules of Investigating Plagiarism in Faculty Publications" passed. Graduate Institute of Japanese Language and Literature established in College of Liberal Arts.

2002

**2002**

International Graduate Program under Collaboration Agreement between NTU and Academia Sinica passed. Plan to restructure "College of Life Science" begun. "College of Agriculture" renamed "College of Bio-resources and Agriculture." Commission established to discuss the evaluation system of faculty research results.

**2003**

March, Distinguished Research Fellow In March, Distinguished Research Fellow passed. In August, College of Life Science established.

**2004**

In April, Yunlin Branch of NTU Hospital established. In May, "Guidelines of Organization and Development Planning" and "Guidelines of Faculty Quota Adjustment" passed. In August, Beichu Branch of NTU Hospital established.

**2005**

Morning, June 22. The unveiling ceremony for the Gallery of University History was held at the main entrance of the old Main Library; in the afternoon, the NTU Presidency handover ceremony was held in the administrative building, Dr. Si-chen Lee took office as the 10th President of NTU.

**2006**

In January, NTU received the first year's grant of the Ministry of Education's "Aim for Top University Plan." The NTU Center for Art Promotion established. In July, the University Council passed the motion on the "Rules and regulations governing the selection of outstanding alumni."

**2007**

NTU's Office of International Affairs participated in the first Taiwan Education Exhibition held in Seoul, Korea. In November, the cofounder of Quanta Computer Inc., Mr. Chee Chun Leung, donated NT\$205 million to NTU to establish the Leung Center for Cosmology and Particle astrophysics (LeCosPA). The donation contract was signed on November 13. On November 15, the NTU Humanities Archive held its grand opening on the university's anniversary date.

2008

**2008**

In March, the Logo for the 80<sup>th</sup> Anniversary of the University finalized. The "Hakka Research Center" unveiling ceremony held. In May, the current President's first continuation of office passed by the first temporary meeting of the University Council of the second semester of academic year 2007, in accordance with the Constituent Act of the University. In September, Freshmen Orientation Camp first launched by the University. In October, celebration activities for the 80<sup>th</sup> Anniversary of the University began. In December, contract signed with Yung-Ling Health Foundation to build a first rate cancer hospital.

**2009**

In February 2009, the papers of NTU System on Chips Center (SOC) ranked No. 1 in the world at the 2009 ISSCC (International Solid State Circuits Conference). In March, the NTU global lounge held its inauguration ceremony. In August, Typhoon Morakot devastated Southern Taiwan, and the University proactively undertook effective disaster relief actions. In October, the Times Newspaper of London released its 2009 ranking of world universities in which NTU was ranked No. 95. In November, in the rankings of world universities compiled by Shanghai Jiaotong University (ARWU), NTU was ranked the 150<sup>th</sup>, topping all other universities in Taiwan, Hong Kong and China, and, for the first time, NTU entered the top 100<sup>th</sup>-150<sup>th</sup> block.

**2010**

In January, NTU's Animal Cancer Research Center—Asia's first animal disease research center that integrates clinical animal therapy with basic animal medicine, inaugurated. In February, the College of Electrical Engineering and Computer Science took 3rd place in the 2010 ACM ICPC international programming contest, which was the best performance ever by a Taiwanese team. In March, the construction work for the new College of Social Sciences, destined to be a campus landmark, set into motion at a cost estimated at NT\$161 billion. In April, 31 NTU professors won the National Science Council's Outstanding Research Award. The NTU winners comprised 33% of the total winners, again topping all other academic institutions in Taiwan. In July, 11 NTU faculty members were elected academicians of Academia Sinica.

3.0

Organizational  
System

## ADMINISTRATION



- Office of Academic Affairs
- Office of Student Affairs
- Office of General Affairs
- Office of Research & Development
- Office of International Affairs
- Office of Financial Affairs
- Libraries
- Computer & Information Networking Center
- Secretariat Office
- Accounting Department
- Personnel Department
- Environmental Protection & Occupational Safety & Health Center
- The University Press

## ACADEMIC



## College of Liberal Arts

College of Liberal Arts  
 Department of Chinese Literature  
 Department of Foreign Languages & Literatures  
 Department of History  
 Department of Philosophy  
 Department of Anthropology  
 Department of Library & Information Science  
 Department of Japanese Language & Literature  
 Department of Drama & Theatre  
 Graduate Institute of Art History  
 Graduate Institute of Linguistics  
 Graduate Institute of Musicology  
 Graduate Institute of Taiwan Literature

## College of Science

Department of Mathematics  
 Department of Physics  
 Department of Chemistry  
 Department of Geosciences  
 Department of Psychology  
 Department of Geography  
 Department of Atmospheric Sciences  
 Graduate Institute of Oceanography  
 Graduate Institute of Astrophysics  
 Graduate Institute of Applied Physics

## College of Social Sciences

Department of Political Science  
 Department of Economics  
 Department of Sociology  
 Department of Social Work  
 Graduate Institute of National Development  
 Graduate Institute of Journalism

## College of Medicine

Department of Medicine  
 School of Dentistry  
 Department of Dentistry  
 Graduate Institute of Clinical Dentistry  
 Graduate Institute of Oral Biology  
 Department of Pharmacy  
 Department of Clinical Laboratory Sciences & Medical Biotechnology  
 Department of Nursing  
 Department of Physical Therapy  
 Department of Occupation Therapy  
 Graduate Institute of Clinical Medicine  
 Graduate Institute of Physiology  
 Graduate Institute of Biochemistry & Molecular Biology  
 Graduate Institute of Pharmacology  
 Graduate Institute of Pathology  
 Graduate Institute of Microbiology  
 Graduate Institute of Anatomy & Cell Biology  
 Graduate Institute of Toxicology  
 Graduate Institute of Molecular Medicine  
 Graduate Institute of Immunology  
 Graduate Institute of Clinical Pharmacy  
 Graduate Institute of Forensic Medicine

## College of Engineering

Department of Civil Engineering  
 Department of Mechanical Engineering  
 Department of Chemical Engineering  
 Department of Engineering Science & Ocean Engineering  
 Department of Materials Science & Engineering  
 Graduate Institute of Environmental Engineering  
 Graduate Institute of Applied Mechanics  
 Graduate Institute of Building & Planning  
 Graduate Institute of Industrial Engineering  
 Graduate Institute of Biomedical Engineering  
 Graduate Institute of Polymer Science & Engineering

# 4.0 Major Administrative Directors

## President

**Professor Si-Chen Lee**

*Ph.D., Stanford University*

## Vice-President

**Professor George Tai-Jen Chen**

*Ph.D., State University of New York at Albany*

## Vice-President

**Professor Tzong-Ho Bau**

*Ph.D., University of Texas at Austin*

## Vice-President

**Dean Office of Financial Affairs**

**Professor Ming-Je Tang**

*Ph.D., Massachusetts Institute of Technology*

## Dean

**Office of Academic Affairs**

**Professor Been-Huang Chiang**

*Ph.D., University of Illinois at Urbana-Champaign*

## Dean

**Office of Student Affairs**

**Professor Joyce Yen Feng**

*Ph.D., University of Illinois at Urbana-Champaign*

## Dean

**Office of General Affairs**

**Professor Fu-Shu Jeng**

*Ph.D., Massachusetts Institute of Technology*

## Dean

**Office of Research and Development**

**Professor Ji-Wang Chern**

*Ph.D., University of Michigan, Ann Arbor*

## Dean

**Office of International Affairs**

**Professor Tung Shen**

*Ph.D., National Taiwan University*

## Secretary-General

**Secretariat Office**

**Professor Hsien-Hao Liao**

*Ph.D., Stanford University*

## College of Bio-Resources & Agriculture

Department of Agronomy  
Department of Bioenvironmental Systems Engineering  
Department of Agricultural Chemistry  
Department of Forestry & Resource Conservation  
Department of Animal Science & Technology  
Department of Agricultural Economics  
Department of Horticulture  
Department of Agricultural Bio-Industry Communication & Development  
Department of Bio-industrial Mechatronics Engineering  
Department of Entomology  
Department of Plant Pathology & Microbiology  
Graduate Institute of Food Science & Technology  
Graduate Institute of Biotechnology  
School of Veterinary Medicine  
Department of Veterinary Medicine  
Graduate Institute of Veterinary Clinical Sciences

## College of Management

Department of Business Administration  
Department of Accounting  
Department of Finance  
Department of International Business  
Department of Information Management  
Executive Master of Business Administration Program

## College of Public Health

Department of Public Health  
Graduate Institute of Occupational Medicine & Industrial Hygiene  
Graduate Institute of Epidemiology and Preventive Medicine  
Graduate Institute of Environmental Health  
Graduate Institute of Health Policy & Management  
College of Electrical Engineering & Computer Science

## College of Electrical Engineering & Computer Science

Department of Computer Science & Information Engineering  
Graduate Institute of Photonics & Optoelectronics  
Graduate Institute of Communication Engineering  
Graduate Institute of Electronic Engineering  
Graduate Institute of Networking & Multimedia  
Graduate Institute of Biomedical Electronics & Bioinformatics

## College of Law

Department of Law  
Graduate Institute of Interdisciplinary Legal Studies

## College of Life Science

Department of Life Science  
Department of Biochemical Science  
& Technology Genome Biology and System Degree Program  
Graduate Institute of Zoology  
Graduate Institute of Plant Biology  
Graduate Institute of Molecular & Cellular Biology  
Graduate Institute of Ecology & Evolutionary Biology  
Graduate Institute of Fisheries Science  
Graduate Institute of Biochemical Sciences

## College of Continuing Education & Professional Development

Department of College of Continuing Education  
Department of Professional Development  
Student Counseling Division  
Distance Learning Division  
General Affairs Division

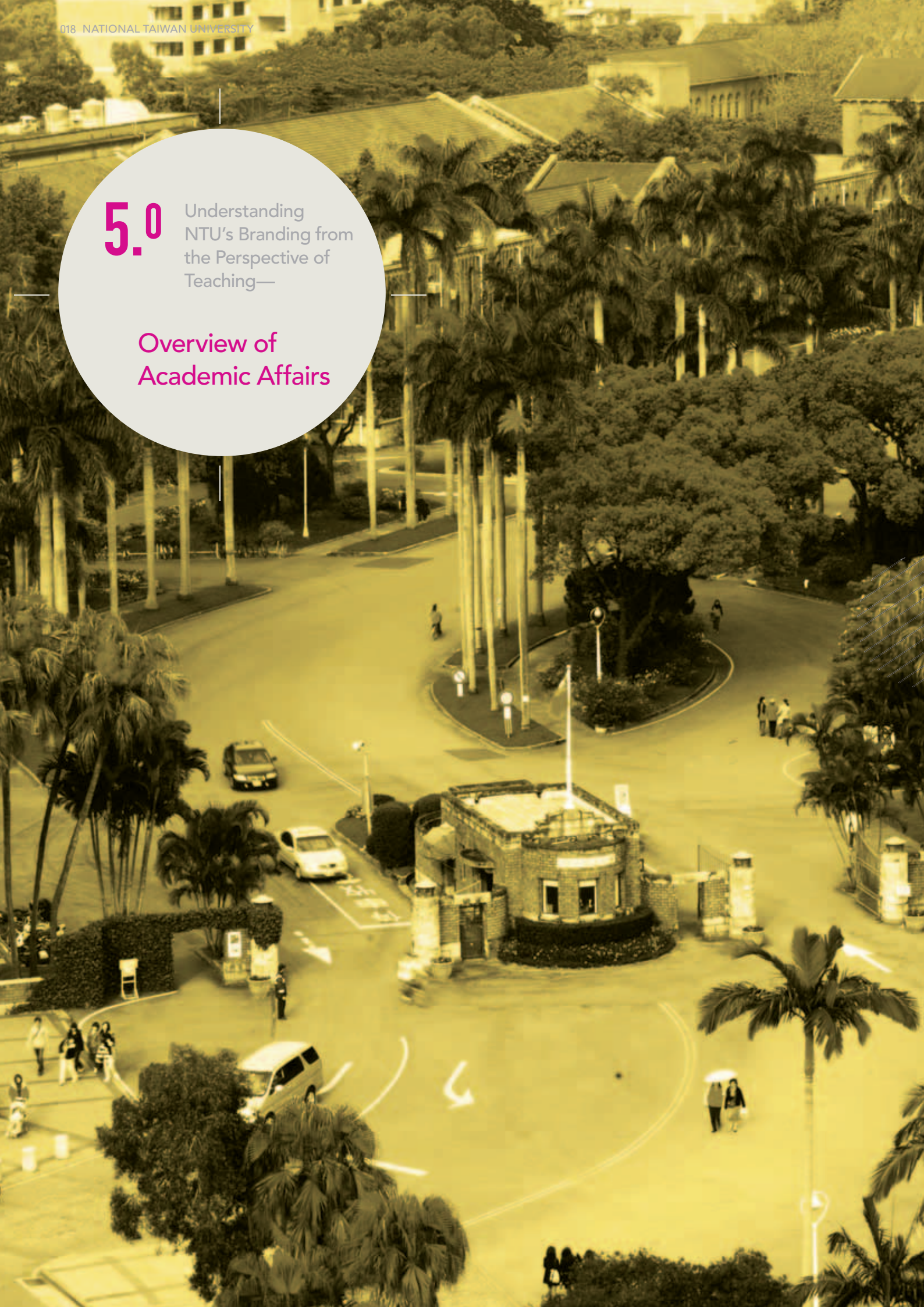
## Center for General Education



5.0

Understanding  
NTU's Branding from  
the Perspective of  
Teaching—

## Overview of Academic Affairs







Ever since it was established over 80 years ago, National Taiwan University has been the “top choice” of local high school students who aspire to a college education. What is special about instruction at NTU?

How do students at NTU learn with such confidence? The answers to these questions lie in the following facts:

**NTU offers the widest range of majors and greatest diversity of courses in Taiwan. Moreover, NTU students are blessed to enjoy the best learning opportunities:**

Today, NTU has 11 Colleges, 54 departments and 99 graduate institutes. Its curricula span the Natural Sciences, the Humanities and Social Sciences, Law and Business Administration, and offer over 8,000 courses per semester. In the range of fields and courses offered, NTU ranks No. 1 among Taiwan’s universities. Students who enter NTU are entering a veritable treasure house of knowledge, where they will access a rich diversity of learning opportunities.



#### **NTU has the best faculty**

NTU has nearly 2,000 full time teachers, 90% of whom hold doctorates from top ranking universities at home and abroad. The academic research of our faculty is the best among university faculty in Taiwan. Take the National Outstanding Teacher Award for General Education for example; since the inception of this award, four National Taiwan University faculty members have won this award. Among the 14 local university faculty members who have won the award, those from NTU comprise 28.57 %, the highest percentage for a university in Taiwan (including Science and Technology Universities). Hence, students who are admitted into NTU will study under the best and brightest scholars in the land. Consequently, students who apply themselves will obtain cutting-edge knowledge.



#### **NTU offers high-quality instructional and learning environments which are conducive to effective learning and in-depth understanding.**

NTU’s main library has a broad, inclusive collection of books and periodicals as well as a wide range of online resources. Moreover, with funding from MOE’s “Aim for Top University Plan,” the University has made significant improvements in its facilities, equipment, software and hardware, and installed e-teaching classrooms in the major campus instructional buildings, which are equipped with networks, air-conditioning, instant feedback systems and central control. In addition, the New Liberal Education Classroom Building will be completed in 2011. Its plentiful, well-equipped classrooms will provide a superior instructional and learning environment.



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### NTU academic programs offer the best curricula which provide her students with comprehensive, diverse learning opportunities

NTU programs offer courses of two kinds: general and professional. Curricular planning aims to develop ten core competencies, namely, independent thinking and innovation, professional knowledge, moral reflection and practice, civic responsibility, humanistic concern, communication and eloquence, team spirit, international outlook, understanding and respect for cultural diversity, beauty and taste. By cultivating these 10 core competencies, NTU students will become dependable citizens and effective leaders of sound character, solid knowledge, social concern and global outlook.

As to general courses, given NTU's ample administrative resources and wide range of academic disciplines, it has the richest general education curriculum in Taiwan. In the latest review of general education courses conducted by the MOE of the seven local research universities, NTU was rated as by far the best. The rich menu of general education courses at NTU provides students with a macro knowledge base and the tools to think independently while stirring interest in other fields. In recent years, the most charismatic professors at NTU have designed enticing general education courses to inject new life into the program.

Besides the general education courses, each department or institute designs solid professional courses related to its discipline and core competency. Furthermore, to offer diverse opportunities for interdisciplinary learning, NTU provides a 39 credit curriculum for interdepartmental or intercollegiate students, including "leadership courses" to instill leadership and teamwork

skills and "entrepreneurship courses" to instruct how to turn creative ideas into real businesses. Also popular is the Asian Art course offered by the Institute of Art History. This course harnesses on-campus interdepartmental resources with directors and actors from the Theatre Department to offer the sort of "aesthetic education" which is sorely lacking in Taiwan's highly utilitarian, science, professional and business biased educational system.

The students in this course are exposed to a diversity of aesthetic tastes.

### NTU has an effective academic counseling system to improve students' learning skills

Every year, the students who enter NTU can be said to be la crème de la crème of local university students. At the same time, NTU is careful not neglect the students' need for effective academic counseling.



Inevitably, the new students encounter difficulties in this new educational environment. Therefore, NTU set up the "Center for Teaching and Learning Development," which offers a "Learning Promotion Division" to inculcate effective study skills. Also, an open learning space was set up in Main Library's basement to provide students with a room for discussion. Moreover, a "peer counseling system" was launched under which graduate students serve as "tutors" for the ten most difficult basic subjects at NTU, such as calculus, physics, statistics, etc.

Such peer counseling is one-on-one. Students with learning difficulties only just need to register to be tutored in their courses.

The "Dean's Honor List," a venerable system which has been in effect for years, encourages gifted students to contribute their learning, extend their concern and offer timely assistance to the weaker students. As to foreign language proficiency, the Center for Audio-Visual Education provides language learning websites, and the Writing Center offers courses on Chinese and English writing to graduate students. Indeed, many courses are taught in English while distance learning courses, which include video conferencing, provide the chance for NTU students to witness the teaching of foreign masters on line.

### NTU also has a solid teaching assistant system, which improves instructional effectiveness

To promote the culture of discussion, NTU espouses the teaching model of "large classroom teaching, small classroom discussion." In a typical three credit course, the first two hours are taught by the professor, while the third hour is for small group discussions led by a teaching assistant.

The teaching assistant is chosen from among a pool of excellent graduate students. Thus far, NTU has hired more than 1,200 TAs to lead small group discussions, conduct experiments, do field studies or teach language. NTU has the greatest number of teaching assistants and the most comprehensive and effective system of teaching assistants among universities in Taiwan. Students attest that the teaching assistants system makes their classes more interesting, since their classroom interactions are lively and their learning is effective. In the effort to promote the culture of discussion, NTU is constructing a new Instructional Building with many small discussion rooms for intellectual speculation-- where the students' sparks of insight can be ignited through discussion.

### NTU has an increasingly flexible education system, which provides many opportunities for adaptive learning and growth

In recent years, the education system at NTU has become increasingly flexible. For instance, the new transfer student system provides opportunities for adaptive growth; the minor and double major system allows for diversified learning and dual degrees. Students who excel academically and meet certain conditions may graduate one year in advance. Moreover, after their first year, outstanding master students can enroll directly in the doctoral program. By the same token, excellent university students can apply directly to the doctoral program.

And, to nurture academic elites, most departments offer "special topic" courses for undergraduates, so the students can work on research topics at an early stage and start to develop their research potential. Also, the University has partnerships with many foreign universities and promotes "dual degree programs," under which a NTU student who studies abroad may be awarded a dual degree from NTU and a foreign university.

### NTU has the most comprehensive "Center for Teaching and Learning Development" in Taiwan, and an effective teaching quality assurance system

NTU has first-class faculty members. To ensure the quality of teaching at NTU, the University set up a comprehensive "Center for Teaching and Learning Development," not only to coach teachers in effective "teaching," but to coach students in effective "learning." To help teachers prepare their teaching materials, the Center set up the "Teacher Development Division," the "Planning and Research Division," and the "Digital Media Division," to offer teaching guidance and help in blending digital technology into teaching and devising new teaching strategies and methods. In brief, the Center solves the problems of "teaching" for teachers; it also provides the tools and instruments to let teachers at NTU achieve new levels of excellence.

Besides such features and advantages, the traditional "free learning style" of NTU plays a crucial role in nurturing so many intellectual elites and leaders of society. Indisputably, NTU fills Taiwan's Hall of Fame for the pursuit of knowledge! It is a campus where every student is instructed by excellent faculty in an elegant environment and where he/she interacts with students from all over the world to debate the issues and seek the truth, hopefully to ignite sparks of wisdom along the way. You! You who sincerely aspire to be a student at NTU, step forward and be counted!!





6.0

The Driving Force  
behind University  
Values—

Overview of  
Student Affairs





"College life" no doubt refers to the golden days in a person's lifetime. However, if a student chooses to bury himself in piles of books after entering college to the neglect of extracurricular activities, he or she is liable to feel a lack later when reminiscing about college life. This is especially true for students at NTU where Palm Tree Boulevard provides a unique arena for brilliant young adults to pursue their dreams and make them sparkle. No NTU student should miss the opportunity to have colorful experiences and create meaningful memories during his or her college years — to be relished over a lifetime.

Rousseau once said, "Plants are formed by cultivation; people are formed by education." NTU expects its students to regard the university as a big family, and to consider their education here as the first step on their path of personal development and as the source of the proper values for their self-actualization.



The Office of Student Affairs serves as a beacon for all students. It even guides them in their career search when they approach graduation. Its mission is to ensure the students' right to a quality education, assist in cultivating their moral character, and instill the university creed, "Mold thy character and sharpen thy knowledge, love thy country and thy people." All student matters, whether great or small, fall under the category of "student affairs." Such matters could be as basic as food, clothing, shelter, transportation, education or entertainment, or as advanced as character formation and career development. In order to provide a sound yet friendly learning environment in which students can effectively foster their competitiveness, hone their professional skills and become good citizens, the Office of Student Affairs set its goal to, "Build a golden time for each NTU student, and provide each student with a touching and memorable learning experience." To achieve this goal, the Office of Student Affairs articulated six core value streams, which also serve as guiding principles for its staff:

The first core value is moral education. For a student to become an optimistic "social person," he must possess a set of values which are summarized in "TAIDA" (this acronym represents the Chinese pronunciation of NTU). The letters stand for "Teamwork," "Accountability," "Integrity," "Diligence," and "Ambition and Vision": Only those students who uphold and practice these values can live up to the school motto, "Mold thy character and sharpen thy knowledge, love thy country and thy people." Furthermore, it is hoped that every NTU student will form healthy recreational habits, maintain physical health, and cultivate a thoughtful, responsible attitude toward society.



The Office of Student Affairs conducts many projects and measures in order to realize the five values signified by "TAIDA." These efforts include leadership development programs, service learning courses, international volunteer programs, community outreach projects and recognition of outstanding students. To ensure the effectiveness of these projects, the office initiated the "Freshmen Orientation Camp" from the fall of 2008 and invited inspiring faculty members to instill positive learning attitudes and strategies in the new students. Moreover, to enliven teacher-student interactions, the Office launched a series of "face to face with the masters" lectures on career guidance and placement counseling which stressed the "TAIDA" values. In all of these efforts, the aim is to encourage students to be concerned about society, so they will not simply pursue their own goals but will be considerate and concerned about others on their way to the top.

The second core value is "quality campus culture." What sets NTU apart is not only its academic excellence; its rich campus culture is also a great attraction to students. Among the myriad activities at NTU, the most famous one is the annual "Azalea Festival" held every spring. Besides the blooming azaleas along Palm Tree Boulevard, Azalea Festival attendees enjoy the Expo of NTU's various departments, the exhibition of student associations, a series of guided campus tours and an array of arts activities and student performances. The Azalea Festival attracts tens of thousands of high school students and their parents every year. By participating in these activities on the NTU campus, they immerse themselves joyfully in a world overflowing with joy and elegant culture.

The Office of Student Affairs also hosts Art Season, Film Festival, Literary Award, and Charity Auction of Second Hand Goods every year. These campus activities offer the students many choices while exemplifying the liberal and pluralistic spirit of NTU. As to the cradles of student activities, the two student activity centers, in the summer of 2008 the Office of Student Affairs renovated the first student activity center while undertaking space adjustment and facility upgrade on the second student activity center. In the future, these campus cultural activities will be expanded from the first student activity center to the second student activity center, thus forming a "dual axis" campus. Some of the shops and stores at the first student activity center are now opened 24/7, providing a haven of study and recreation for NTU students. Both activity centers have inexpensive restaurants and food courts. Besides, student hostel management now offers friendly, proactive services, communication and education; it is no longer limited to the traditional role of just providing accommodations.

At NTU, students cultivate their academic and professional knowledge through academic courses and programs. As to extracurricular activities, NTU offers a wide variety of choices. Happiness is a significant goal in everyone's life, but being happy in fact involves five elements: "Honor," "Accountability," "Passion," "Pleasure" and "Youthfulness." These five elements are the core values of the Extracurricular Division of the Office of Student Affairs.

NTU hosts over 300 student associations and clubs. The activities organized by these student organizations paint a colorful canvas, and are the fount of intramural vigor. There are two types of student association: autonomous and general. The autonomous student associations are associated with departments that encourage students to exercise their civil rights. The general student clubs consist of academic, entertainment, service, arts, as well as social and mixed clubs. With their variety of functions and features, these student associations provide a full menu for students to choose from. Each student association has a faculty advisor who presides over club meetings and offers a voice of moderation in disputes. Every student association launches activities; additionally, the Office of Student Affairs pools resources from the entertainment clubs and arts clubs in order to stage large scale events, such as the Art Season, the Film Festival, the Literary Award, the Charity Auctions and the Freshman Concerts, etc. Furthermore, the Office holds seminars for the student association leaders to train them how to hold exchanges between NTU and its sister schools world-wide and to engage in social service work. These efforts, along with the annual selection of Outstanding Youth, testify to the Office of Student Affairs' tremendous efforts in developing extracurricular activities at NTU.





Besides these clubs and their basic functions, there is something more: in the wake of the disasters delivered by typhoon Morakot, the Sunshine and Kite Service Club, the Social Service Corps of Kaoshiung Alumni Association, the World Volunteers Club, the Star-Rain Autism Help Club, the Tzu-zhi Mountaineering Club, the Association of International Business, the Nature Conservation Club, and The Sunshine and Coconut Service Club jointly organized the "NTU Has Love: Send Our Passion to the Disaster Stricken Areas" activity. Moreover, the Student Association arranged teams to help the residents of Shen-Mu Village, Nantou County to tidy up their living environment. The Office of Student Affairs systemized the "August 8th Flood Relief Action Team" with the Student Association to coordinate service information with the University. At the same time, we started to organize the "Book Drive--You and I Donate Books to build a Paradise" on August 31st, asking students and faculty members to donate books. All of these social service events reflect our care and concern for country and society, and signify that our students have the qualities signified by the acronym "TAIDA".

To enhance students' competitiveness in the global talent market, the Career Center promotes a series of programs, such as 1) training the students to write resumes and perform well in job interviews and 2) offering them internship opportunities and enterprise tutor programs. Additionally, the Center issues an electronic newsletter on career opportunities, implements a campus recruitment system, and provides advisory services to students who are interested in studying abroad. Thus, from a single dot to a plane, the Center works to enhance the students' employability by helping them understand themselves, improve their knowledge and skills, and prepare for career placement or start their own business.

"Take care of the disadvantaged" is the third core value promoted by the NTU Office of Student Affairs. In order to help students whose family recently suffered a misfortune and those from poor families, the University provides a variety of scholarships, assistantships, fee waivers, student loans, emergency relief funds and individual case counseling to the hardship students.



### The scholarships and assistantships come in two forms:

1. University or government scholarships and assistantships, such as the "Hope scholarship," "NTU academic stipend," "Scholarship for aborigines," "Work-study grants," "Graduate student assistantships," etc.
2. Financial aid provided by corporate entities or private citizens. In general, the Student Counseling Division of the Office of Student Affairs handles the scholarships, tuition and fee waivers, student loans and student insurance, etc. On one hand, scholarships and assistantships reward outstanding students; on the other hand, they take care of the needs of the financially disadvantaged. In the aftermath of the disasters wrought by typhoon Morakot, the Office of Student Affairs immediately triggered its safety mechanism, and found out 447 NTU students were from disaster-stricken areas. We provided relief measures, such as emergency condolences, waiver of tuition and sundry expenses, priority lodging, priority work study programs and psychological help, so as to help the students of feel at ease and guarantee their right to attend class.

Every NTU college is assigned a professional psychological counselor who provides assistance, counseling and referral services. In addition, an officer from the armed forces is posted at each college to supervise student behavior and carry out the "Lone Star Project," dedicated to helping disadvantaged students. Starting from 2008, the Student Counseling Center offered professional services to support the resource rooms for mentally or physically handicapped students. The Center is now planning a series of activities to promote student care for their handicapped peers. Through the cultivation of sympathy, a warm and caring campus culture is formed.

Fourth, "Create a safe and healthy campus environment" is one of the core values of NTU. The NTU campus is an open public space. In this vast territory, students are allowed to roam and linger freely. Accidents can and do happen, however. Therefore, it is important to assure the safety of the students. Thus, the University installed an electronic surveillance network, and military instructors are on duty around the clock. Offering first-hand help to faculty and students who encounter safety problems on campus, these military instructors function as the Guardians of the University. As to the mental health of the students, NTU has a Center for Student Counseling with over twenty psychologists and social workers to provide counseling sessions or interviews at a moment's notice.

Starting from academic year 2007, Military Education fell under the jurisdiction of the Office of Student Affairs (formerly it was under the Office of Academic Affairs). This division, served by officers dispatched to the University by the Ministry of Defense, is responsible to maintain campus safety and provide assistance to students. Regarding the male students' compulsory military service, such as applications for deferring conscription, the right to travel abroad, or taking ROTC exams, the division provides consultation services. Moreover, the military personnel teach military training courses, recruit engineers for the defense industry and maintain traffic safety on campus. Finally, under the government's "Twilight to Spring" Project, the military instructors monitor student conduct to detect whether they display signs of drug addiction, alcoholism, betel nut chewing, etc.

To encourage resident students to respect each other, adapt to a group learning environment, and put their parents' minds at ease, the Division of Student Housing is dedicated to promoting "living and learning together," with the conviction that "the dormitory is where learning starts in a university environment." In the summer of 2006, the Division of Student Housing started a renovation program for student dormitories. Under this program, the dormitory facilities were completely overhauled and spaces were rearranged in accordance with student needs. There are many Living Learning programs offered to the students, which tied in with the newly created spaces as activity rooms, discussion rooms, etc.

NTU is unique in initiating "Service Learning Programs" in the student dormitories. Such learning courses include: planning and layout of public space in the dorms, international student outreach programs, activity design, peer counseling service, etc. As these courses provide learning opportunities, dormitory students are required to take 18 hours every semester. Furthermore, some dormitories set up "learning centers" which provide academic counseling. Starting in 2004, the freshmen dorms had a peer counseling program under which the upper classmen design activities for the first year students. Starting in 2008, the Student Housing Division worked with the Office of Academic Affairs to launch a credit course on "freshmen seminar" to teach students how to combine living and learning.

Moreover, for a better quality residential environment, the University introduced the BOT model, allowing private companies to build new dorms and transfer them to university use upon completion. In September 2008 and February 2009, 1145 new bunks were added to the Chang-Xin District Dorms. The BOT dorms in the Shuei-Yuan Campus also contributed 2,362 beds, thus solving the problem of housing for NTU students. Therefore, all undergraduates who are qualified for student lodging can be offered dormitory space, and

sixty percent of graduate students can have student housing. In the meantime, from the year 2006, student dormitories were renovated step by step; as of 2010, 19 student dormitories were renovated; renovation work at the 2 remaining dormitories will be completed in 2011. At the same time, we are negotiating with the Office of General Affairs to have new student dorms built so as to solve the problem of inadequate housing for graduate students.

As to overseas Chinese students, in 2009 there were over 1146 at NTU. These ethnic Chinese students come in great numbers from all over the world, and their habits, languages and attitudes vary widely. To facilitate the overseas Chinese students' learning and adjustment, the Office of Student Affairs set up an Overseas Chinese Students Advising Section. The Section's emblem is "O" which signifies "Overseas" and indicates that the Section exists to serve Overseas Chinese Students. Once an overseas Chinese student enters NTU, the University provides a student orientation, arranges lodging, offers scholarship opportunities, arranges health insurance, and assists in the application for an off campus work permit. All these measures are aimed to helping new overseas Chinese students adapt to NTU campus life as quickly as possible.

To monitor and maintain the mental health of NTU faculty, staff and students, the Office of Student Affairs set up a Psychological Counseling Center to help them with their mental problems as well as to develop their potential, establish healthy attitudes and good habits, and lead a full, happy and meaningful lives. The Counseling Center offers the following services:

1. Individual interviews and counseling.
2. Operation of a college level counseling system to keep track of high risk students.
3. Assignment of four advisors from the resource rooms to provide services to mentally or physically handicapped students.
4. Provision of bilingual services to foreign students.



A good respite is conducive to taking a longer journey. Similarly, maintaining health is conducive to achieving more successes and breakthroughs. Starting from August 1995, the NTU Health Center launched its national health insurance services while continuing to provide insurance to overseas Chinese students. All NTU members with health insurance can visit the Health Center for medical treatment at discounted prices. The medical team at the Center is composed mostly of doctors from the family medicine division of NTU Hospital, together with doctors from other divisions. So, the NTU Health Center provides frontline medical services that are on a par with those provided by the National Taiwan University Hospital as well as equally excellent facilities.

The fifth core value is to "promote the globalization of the NTU campus." We are aware that on the path to becoming a world class university and arriving at international convergence, globalization of the campus is a significant factor. In order to promote campus globalization, NTU holds "International Week" every year to facilitate interactions among foreign students, overseas Chinese students and local students. Moreover, the University set up a "Global Lounge" on the third floor of the 2nd Student Activity Center on Roosevelt Road. The Global Lounge provides a cozy corner for the increasing number of foreign students to relax, where they can have cultural and linguistic exchanges with local students, and thus enrich their cultural experience here.

As to foreign study programs, NTU holds foreign study seminars and provides advisory services on a regular basis for students interested in study abroad. In recent years, the University collaborated with the Chinese Science and Technology Association to implement the "Jade Mountain Project" which recruits about 30 to 40 students each year to be sent to Beijing or Shanghai for internship training at the locally run large enterprises. In its fifth year of implementation, this project won critical acclaim for broadening the students' outlook and learning experience. In 2005, the Office of Student Affairs launched overseas service learning activities while promoting international volunteer service by sending students to the U.S., Panama, Malaysia, India, Vietnam, Indonesia, the Philippines, Cambodia, and Mongolia, etc. In addition, the Office of Student Affairs signed a "letter of intent for overseas volunteer service" with the International Cooperation and Development Fund of Taiwan so that NTU would assist students to pursue overseas volunteer work through the volunteer program of the ICDF.

The sixth core value is to "implement administrative reforms." This program includes digitizing Office of Student Affairs' operations in order to simplify their procedures and improve efficiency. Once these goals are met, the Office will better facilitate the University on

its way to join the ranks of the top 100 universities while helping our students to enjoy their glory years, fulfill their dreams, and be good citizens. Constant innovation is the key to realizing these goals, as every staff member at the Office of Student Affairs is well aware.

To nurture the competitiveness of NTU students, sharpen their career skills, and instill in them the core values of team spirit, sympathy, integrity, gratitude, diligence, ambition and vision, the Office of Student Affairs implemented the "Lean and Mean Learning Journeys" Program in 2007. The Second Stage, launched in August 2010, was to set up the NTU Student Affairs' professional operations model. Using the Office of Student Affairs as a transitional learning model, the Learning Journeys Program set as its goals: create a learning culture for office staff, instill a positive service attitude and improve administrative efficiency.

The Program's first stage, May 2007 to August 2008, included five phases: formation, diagnosis, strategic planning, implementation and evaluation. Many administrators and staff members participated in the learning journeys, including the University president, College of Management faculty, the Personnel Department director, students, external experts and consultants, and the entire staff of the Office of Student Affairs. These journeys covered the operations of the Office's 2nd level units concerned with daily living, lodging, safety, scholarship issues, organizing intramural and off-campus activities, domestic and international exchanges and study and coaching professional skills for students. Consequently, Student Affairs Office operations were strengthened to better meet the students' needs. When the first stage was completed, the Office of Student Affairs drew up a handbook of standard procedures for student affairs work. It also published "Office of Student Affairs Journey to Learn," which presented the results of the first stage. Often, office staff directors are invited to conferences at other local universities to share their experience in student affairs. The Office also set up the "Knowledge Plate" in order to enrich the staffs' professional knowledge and skills. Recently, the Office of Student Affairs adopted the designation "Learning Organization" to remind and motivate itself. The aim of the Office's "Lean and Mean Learning Journeys" Program is to continue improving and innovating in its student affairs work, so its efforts will be ever more effective.

Indeed, conducting specialized learning and promoting administrative effectiveness have become the key commitments of the Office of Student Affairs.

7.0

Financial  
Summary

## • Balance Sheet

2009		2008	2007	2006	2005
<b>Assets /</b>					
6,755,104,494	Current assets	6,453,938,610	5,949,011,672	4,438,713,625	3,649,965,928
2,463,665,291	Long-term investment	1,985,694,005	1,712,293,967	1,232,654,719	978,516,988
23,139,629,788	Fixed assets	21,680,335,668	20,376,879,844	18,540,347,961	18,011,295,940
84,008,455,991	Other assets	86,731,792,438	86,562,053,092	83,741,298,554	83,588,404,882
<b>116,366,855,564</b>	<b>Total Assets</b>	<b>116,851,760,721</b>	<b>114,600,238,575</b>	<b>107,953,014,859</b>	<b>106,228,183,738</b>
<b>Liabilities /</b>					
4,998,299,755	Current liabilities	4,667,772,483	3,939,543,638	3,606,818,131	2,943,618,027
687,529,154	Long-term liabilities	721,766,158	750,809,747	756,838,841	752,175,375
82,942,943,444	Other liabilities	87,152,595,999	87,232,816,320	82,839,828,363	83,081,912,393
<b>88,628,772,353</b>	<b>Total Liabilities</b>	<b>92,542,134,640</b>	<b>91,923,169,705</b>	<b>87,203,485,335</b>	<b>86,777,705,795</b>
<b>Net Value /</b>					
15,719,831,799	Funds	15,258,451,981	14,787,038,565	14,357,211,673	13,988,957,260
12,015,311,495	Capital surplus	9,066,525,664	7,861,866,027	7,672,681,404	6,547,608,337
-37,035,231	Accumulated surplus	0	5,937,457	-1,290,604,347	-1,086,087,654
39,975,147	Equity adjustments	-15,351,565	22,226,821	10,240,794	0
<b>27,738,083,211</b>	<b>Total Net Value</b>	<b>24,309,626,081</b>	<b>22,677,068,870</b>	<b>20,749,529,524</b>	<b>19,450,477,943</b>

1.Long-term investment including reserve. 2.Other assets including depletable assets, intangible assets and deferred charges.

Unit : NTD

## • Income Statement

2009		2008	2007	2006	2005
14,979,451,434	Operating income	14,151,870,574	13,079,507,201	12,083,654,621	10,927,533,190
16,019,838,300	Operating cost and expenses	14,917,963,478	13,991,160,176	12,524,985,079	11,768,908,828
-1,040,386,866	Operating surplus(shortage-)	-766,092,904	-911,652,975	-441,330,458	-841,375,638
1,197,657,108	Non-operating income	1,153,369,775	1,113,973,112	819,854,593	758,030,676
841,413,473	Non-operating cost and expenses	770,501,718	638,067,333	583,040,828	650,746,245
356,243,635	Non-operating surplus(shortage-)	382,868,057	475,905,779	236,813,765	107,284,431
<b>-684,143,231</b>	<b>Total Surplus(Shortage-)</b>	<b>-383,224,847</b>	<b>-435,747,196</b>	<b>-204,516,693</b>	<b>-734,091,207</b>

Unit : NTD



8.0

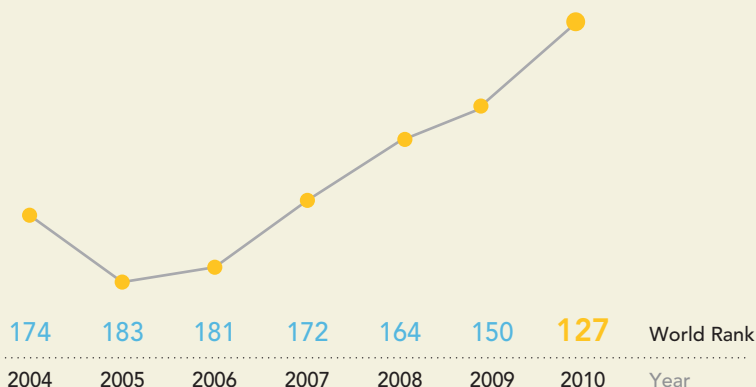
Research  
Achievements

In support of National Taiwan University's effort to join the ranks of the world's top 100 universities, the R&D Office strives to provide a first rate research environment in order to catalyze new research. Ever since 2000 when Taiwan's Ministry of Education and the National Science Council jointly launched the "Program for Promoting Academic Excellence of Universities," NTU has demonstrated its outstanding research capability. Among the 16 national "pursuit of research excellence" programs approved by the MOE, 7 were awarded for proposals submitted by NTU faculty, yielding 1.3 billion in research funds for 4 years. In 2004, Taiwan's Executive Yuan proposed the "Aim for the Top University Plan," which was passed by the Legislature in 2005, appropriating NTD\$50 billion for a five year period. During the first phase review, 12 research universities were approved funding, and NTU was granted an annual subsidy of NTD\$3 billion. These figures attest that NTU occupies the lead position in local higher education. At the same time, various governmental grants and subsidies support the University in upgrading its instruction and research as well as its cooperation with industry.

NTU uses "Aim for the Top University Plan" funds in two mutually supporting ways : 1) "Summit climbing" - NTU aims to push its most competitive research areas to be cutting edge with the hope that within five years NTU will be among the world's top ranking institutions in 10 to 15 of these research areas. 2) "Foundation-laying" - NTU aims to update its infrastructure, construct a cutting edge research environment, and allocate the ample funding to the targeted research areas. Regarding individual research projects, NTU allotted NTD\$750 million of the \$3 billion MOE grant; totaled with the various departments and graduate institutes' research budgets, such funding makes up about 30% of NTU's revenues. Altogether, NTU uses about NTD\$6 billion in research funding every year (including a NTD\$4.1 billion endowment from the National Science Council), and ranks No. 1 in Taiwan in research budget.

With the grants from MOE's "Aim for the Top University Plan," NTU is making great strides in global university rankings, number of theses published, award-winning records, and performance of its research teams. Taken together, these strides demonstrate NTU's capacity to enter the ranks of the world's top 100 universities. In the global university rankings announced by the Higher Education Research Center of Shanghai Jiaotong University, NTU's ranking ascended from 182nd place in 2005 to 127th place in 2010, topping all other universities in China, Hong Kong and Taiwan. And, in the THES-QS world university survey published by the Times newspaper of the UK, NTU ranked 115th in 2010. The ESI (Essential Science Indicators) database is divided into 22 areas of specialization. Among these 22 areas, there are 16 in which the number of highly cited papers by NTU faculty ranked among the top 1% in the world. These 16 areas are spread across the NTU colleges of engineering, life science, social sciences, science, agriculture, clinical medicine, pharmacology and toxicology.

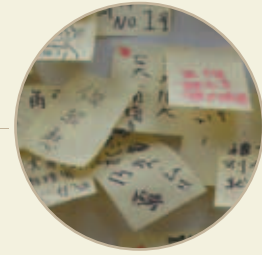
## SJTU ARWU 2004-2010 RANKING



127

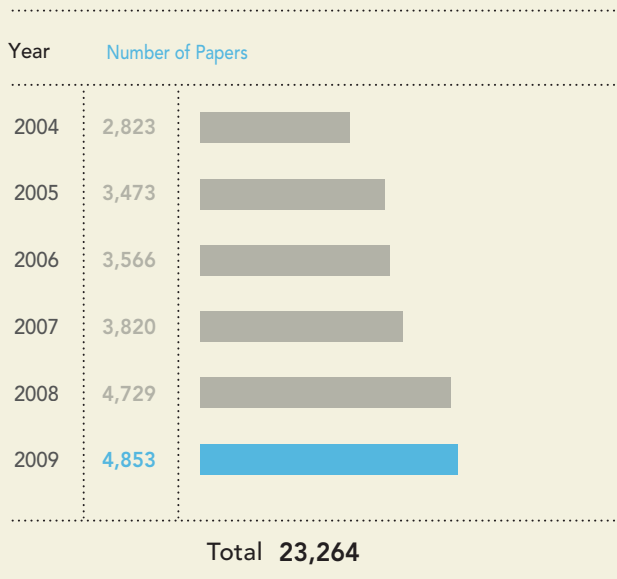
SJTU ARWU 2004-2010  
RANKING

In 2004, the total number of papers published by NTU faculty in SCI, SSCI, and A&HCI listed journals was 2823. By 2009, that number had reached 4853, a whopping growth of 72%. During the period of January 1 - September 30, 2010, the number of papers published was 3272. The number of highly cited papers in 2004 was 117, but by 2009 it had reached 221, a substantial growth of 89%. In 2004 the number of papers published in Nature and Science was 2, by 2009 the number was 3, a growth of 50%. These achievements show that NTU's implementation of the "Aim for the Top University Plan" is yielding solid results.



As of 2010, among 257 academicians at Academia Sinica, 131 are NTU alumni, faculty or emeritus professors, 35 in the Division of Humanities and Social Sciences, 42 in the Division of Mathematics and Physical Sciences, and 54 in the Division of Life Sciences. As to professors receiving awards, 34 received the National Chair Professorship Award from the MOE (2000-2010), and 34 received the Academic Award also from the MOE. Also, a great many NTU professors received Talent Award, National Science Council's Outstanding Research Award.

#### Number of papers by NTU professions published in SCI, SSCI, and A&HCI listed journals from 2004 to 2009



In recent years, the Microwave Electronics Team of NTU's Center for Information and Electronic Technologies has been unrivalled in the world in research achievements. The globally leading microwave journal—*IEEE Microwave Theory and Technology* (T-MTT), named NTU as No.1 among all academic and research institutions in the world for three consecutive years (2006 - 2008) in number of papers published and the number of papers cited. In addition, our SoC IC design team has the greatest number of theses published in ISSCC, the so-called "Olympiad of the Chip World" for five years running. Compared with other top universities of the world, NTU has surpassed MIT, Stanford University, UC Berkeley and UCLA in this field. As for our Multi-Media Team, in the most noted annual contest—Knowledge Discovery and Data Mining Competition (KDDCUP), NTU's team prevailed over 200 participating teams and won the top prize in 2008 with an automatic breast cancer imaging technology whose accuracy rate approached 90%; in 2009, our team took 3rd place among 400 participating teams for correctly forecasting customer behavior. Furthermore, our researchers developed the first "implantable CMOS drug delivering system on chip" in the world, which allows instant treatment of glycemia or myocardial infarction whenever they occur. This innovation was published in ISSCC 2009, and was reported extensively in *EE Times*, the largest network newspaper in electrical engineering and electronics at that time. Also, the team completed the LZBLZNEAR software, one of the fastest document classification software systems in the world that can be used in computer science, bioinformatics, psychology, statistics and numerous other disciplines. In the two years since its release, the software has been downloaded over 10,000 times and used widely by internet companies, such as Google and Yahoo and many R&D units. Last but not the least, the research team mixed the heterogeneous networks, GSM, DVB, FM and WLAN to develop a world-leading high accuracy heterogeneous wireless network positioning system.

NTU Research Center for Medical Excellence discovered the biological markers for gastric cancer and duodenal ulcer and the new virulence factors associated with helicobacter pylori. It also successfully established the knockout mice technology and its core capacities. So far, the Center has completed more than 50 cases to construct knockout mice strains. Center researchers have achieved outstanding results in hepatitis, cancer and infectious diseases research and published more than 200 papers in top-ranking international journals, such as Nature and Cell Biology. Related patent applications and academia-industry cooperative projects have proliferated in recent years.

The NTU Neurobiology and Cognitive Science Center had the following research achievements: 1) Center researchers found that human rational thinking and intuitive thinking activate different regions of the brain. Rational thinking stimulates the anterior and parietal areas associated with working memories; intuitive thinking stimulates the cingulate cortex and insular cortex associated with emotions and feelings. They published 12 neuro-imaging papers in leading journals and patented several inventions in MRI technologies. 2) The Center's Schizophrenia Research Team found nine pathogenic SNPs distributed over four pathogenic genes; among them, the SNP DISCI-27 in DISCI (i42)'s genetic variation was discovered to pathologically alter gene expression. Team experiments using specially developed medicines on animals with MRG1 gene defects bore fruit, so the Center applied to have clinical tests run in national bio-tech labs. The clinical trials will commence soon. 3) The Schizophrenia Research Team also identified the pathogenic genes which cause schizophrenia related to the genetic risk dosage phenomenon.

YEAR	MOE' s National Professorship Award	MOE' s Academic Award
2010	2	3
2009	3	5
2008	6	5
2007	5	3
2006	1	5
2005	3	1
2004	2	3
2003	2	3
2002	2	3
2001	5	1
2000	3	2
Total	34	34

National Taiwan University is the most comprehensive university in Taiwan. During the past eight decades, NTU harnessed Taiwan's best talents to be a significant driving force in Taiwan's development, and has progressed in step with Taiwan. In the 21st century, when knowledge economy prevails, NTU's sacred missions are to nurture the innovative research talents needed by local society, improve local academic standards, assist in Taiwan's economic development, and solve problems of the sustainable human development of mankind. Therefore, NTU will continue to operate under three guiding principles - "excellence in education," "excellence in research," and "concern for society." By grounding these principles in moral standards for society and humankind, NTU will become a leading bastion of research, "the first among the Chinese, and the best in the world."

### ● Tally of NTU's University / Industry Cooperation Projects over the years

College	2009	2008	2007	2006	2005	2004	2003
Liberal Arts	172	173	162	144	135	134	135
Sciences	418	400	376	372	372	336	388
Social Sciences	114	95	106	96	90	70	75
Medicine	712	667	657	638	657	647	672
Engineering	562	475	482	505	498	494	491
Agriculture & Bio-resources	627	561	616	569	584	574	622
Management	101	114	89	91	109	81	87
Public Health	90	83	87	77	86	74	75
Electrical Engineering & Computer Science	385	354	328	352	320	290	297
Law	57	51	53	55	56	46	36
Life Sciences	168	144	146	160	140	163	116
Unit in Charge	99	82	34	38	51	55	43
Total	3,505	3,199	3,136	3,097	3,098	2,964	3,037



9.0

International  
Exchanges







## Academic Collaborations and Exchanges

Aiming for excellence as an elite university, NTU participates enthusiastically in international academic collaborations and exchanges. NTU continuously strives to broaden its academic collaborations with internationally eminent institutes of higher learning. Through faculty and student exchange programs, research collaborations, and international academic organization activities, NTU faculty and students go boldly forth into the world as “global citizens”. Additionally, NTU provides scholarships to degree-seeking international students, cooperates with foreign universities, offers Dual Degree Programs and Joint Degree Programs, and builds a superior learning environment so as to attract outstanding international students.

### I. Reinforcing the Role and Function of the International Affairs Organization

In August 2007, the Center for International Academic Exchanges that had been in charge of international affairs under the Commission on Research and Development, was upgraded to a first level organization — as the Office of International Affairs. Under this Office, there is an International Programs Division (IPD) and an International Student Division (ISD), both of which strive to reinforce NTU’s international collaborations and exchanges. The Office of International Affairs also oversees the database of international exchanges at NTU via the International Academic Exchange Information website, and initiates seminars and educational training regarding international affairs staff for the administration and academic departments.

### II. Implementation and Support of Academic Exchanges and Collaborations

#### 1. Collaborations and exchanges with partner institutes

To upgrade its academic research standards, NTU also engages in academic exchanges with eminent institutes to promote our visibility in international academic communities. As of July 2010, over 350 institutes had established academic collaborations with NTU. Over 380 such agreements were signed at the university level and over 380 at the college or departmental level. Hence, NTU has over 760 collaborations, spanning 51 countries in Europe, Asia, America, Africa and Oceania. Moreover, the number of faculty and student exchanges grows every year.

### Partner Institutions by Continents

Asia	135
Europe	117
Americas	88
Oceania	11
Africa	1



## 2. Participation in international organizations and hosting of international academic conferences

NTU participates in several regional and world organizations for universities, and thus plays an active role in international academic affairs. NTU holds a particularly important position in organizations in which NTU is the only member university from Taiwan. NTU participated in the formation of the Association of Pacific Rim Universities (APRU), Association of East-Asian Research Universities (AEARU), University Mobility in Asia and the Pacific (UMAP, NTU President was appointed chairperson of the organization for 2005 – 2006, and the Office of International Affairs operated as the National Secretariat for UMAP until 2007). The international organizations that NTU had joined as of July 2010 include: Asia-Pacific Association for International Education (APAIE), Association of Pacific Rim Universities (APRU), Association of East Asian Research Universities (AEARU), University Mobility in Asia and the Pacific (UMAP), Association of Southeast Asia Institutions of Higher Learning (ASAIHL), Conference of Asian University Presidents (CAPs), and Eurasia-Pacific Uninet. NTU participates actively in numerous organizational annual meetings, conferences, seminars and academic activities.



## III. Promotion of Student interflow and Exchange

### 1. Increasing the international experience of NTU students

In order to encourage NTU students to obtain more international experience, NTU increases the number of student exchange programs, maintains high criteria for selecting students, and offers scholarships for exchange programs and study abroad. There are also short-term study abroad programs and other overseas activities, such as summer programs that allow students to earn credits as well as international seminars. At NTU, students are encouraged to volunteer and assist foreign students and to participate in the international affairs-related clubs and associations in order to cultivate their awareness of internationalization and broaden their global outlook.

### 2. Offering dual-degree programs with eminent universities

To broaden the outlook of NTU students and support their interactions with foreign students, NTU approved international Dual Degree Programs with foreign universities/colleges in October 2004, and revised the regulations in June 2008. Under the programs, students of undergraduate and graduate (Master and

Ph.D. programs) programs that have completed at least two semesters of study at NTU are eligible to apply for a Dual Degree Program based on the agreement between NTU and their chosen foreign institute. Students who fulfill the graduation requirements of both institutions will be awarded a dual degree. To initiate a new channel for NTU students to engage in international degree studies, NTU signed the first Dual Ph.D. degree program agreement with L' Université Joseph Fournier (Grenoble 1) in 2002, and later with 20 other partner universities in France, the USA, Japan, Austria, Singapore, etc.

### 3. Improving the English ability of domestic students

In order to improve the English ability of NTU students and equip them to enter the international academic community, NTU established the Advanced English Course Regulation in 2002. All NTU students are required to take Advanced English in their sophomore year and cannot graduate until they pass this course. Also, English was made a required part of graduate institute entrance exams at NTU in 2003. Besides designing various English materials for self-study, NTU periodically holds an English Proficiency Test as a benchmark to ensure that the English ability of NTU students in listening, reading, writing and speaking will reach a satisfactory level by graduation.

## IV. Planning internationalized graduate level education

### 1. Offer more courses taught in English

NTU encourages every department to design more courses taught in English in order to create an international-friendly learning environment and to attract excellent foreign students to study in Taiwan. A study of NTU class evaluations shows that domestic students tend to rate classes taught in English more highly than those taught in Mandarin on the same subject. In the 2009/2010 academic year, 939 out of over 9,000 courses were given in English. Although the number is increasing, it is still not enough to meet the demand. NTU encourages the Colleges to increase the number of graduate programs and graduate requirement/optional courses taught in English. Currently, NTU offers the following programs in English: Global MBA, Geosciences, Physical Therapy, Immunology, Applied Mechanics, Biomedical Engineering, Agricultural Economics – International Program, Biotechnology, and Occupational Medicine & Industrial Hygiene.

## 2. Collaboration with Academia Sinica on "Taiwan International Graduate Program"

In order to provide interdisciplinary training, consolidate research and innovation capability, and raise the research standard in Taiwan, starting in 2003 NTU and Academia Sinica set up the Taiwan International Graduate Program to concentrate on research topics that are proactive, advanced and competitive, and to attract excellent graduate students to conduct research and attend lectures. Also, for students who perform well and meet the graduation requirements, NTU would offer masters or Ph.D degrees. So far, the collaboration programs include Biochemistry and Molecular Biophysics, Nano Science and Technology, Computational Linguistics and Chinese Language Processing.

## 3. Recruiting Degree-Seeking International Students

The percentage of international students is the barometer of a university's degree of internationalization. In recent years, NTU has actively recruited degree-seeking international students, and hopes that outstanding foreign students will study at NTU, and contribute to its academic internationalization and diversification. In the 2008/2009 academic year, NTU set up and began recruiting for the Bachelor's Degree Program in Chinese Literature for International Students with the objective of passing on as well as enhancing the rich tradition of international research on sinology at NTU to international students around the world. By the 2009/2010 academic year, over 1700 international students from over 60 countries had participated in the program. This has been a major factor in making NTU a diversified, international learning environment.

The steadily increasing number of international graduate students has laid the foundation for internationalized graduate education at NTU.

## 4. Offering various scholarships to foreign students

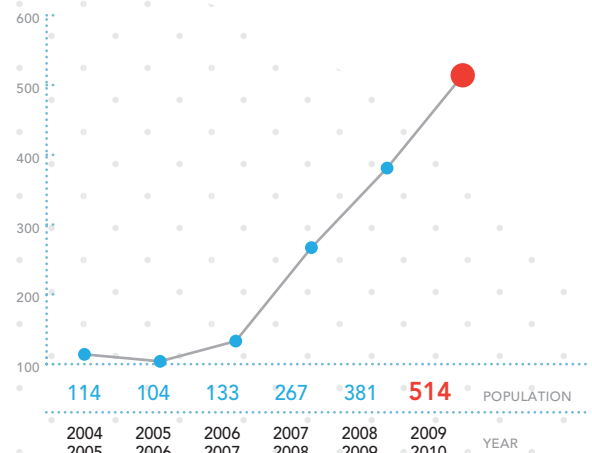
NTU cooperates with government organizations, such as the Ministries of Education, Foreign Affairs and Economic Affairs as well as the National Science Council in offering scholarships to international students. NTU also offers International Graduate Student Scholarships and financial aid.

A poem written during the Tang Dynasty reads :

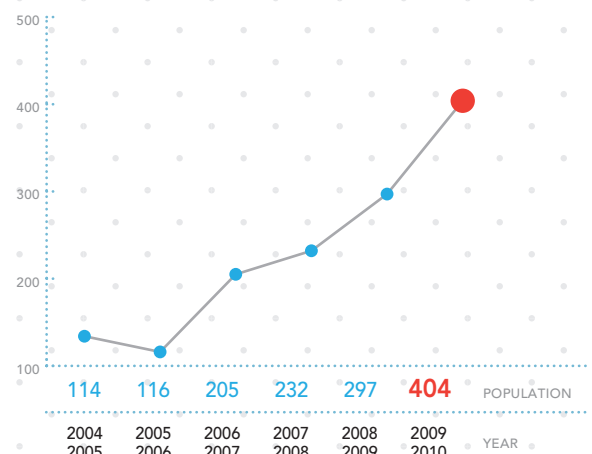
No one is a stranger.  
No place is too far.

With this sentiment in mind, NTU works to improve its international competitiveness, maintain active exchanges with eminent universities around the world and attract international faculty members and students to NTU.

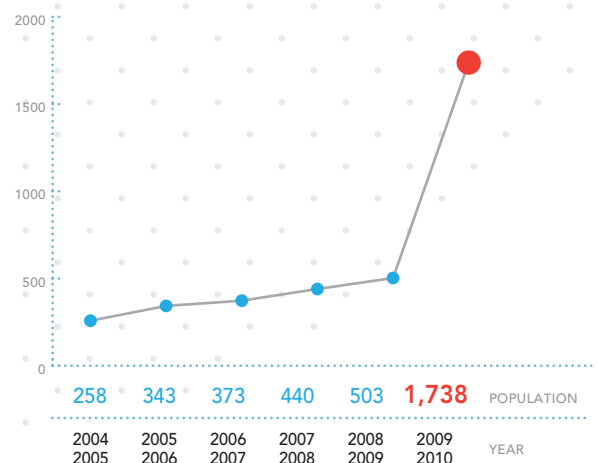
## NTU Exchange Students



Incoming Exchange Students : 2009-2010 : 514



Outgoing Exchange Students : 2009-2010 : 404



International Degree-seeking Students:  
2009-2010 : 1738

## 10.0

Overview of  
General Affairs

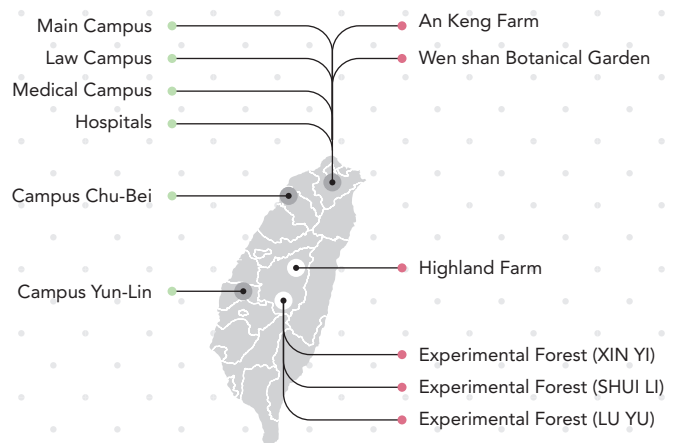
The National Taiwan University campus is not only the workstation for NTU faculty and students to conduct their teaching and research; it is also a space for them to live, think and grow. Spanning 8 decades of operations and development, the campus abounds with historic architecture and venerable trees abound. These rich cultural and natural treasures rank among the most precious assets of NTU campus.

With the steady advance of university affairs, the NTU population keeps growing and the number of buildings, facilities and equipment keeps rising. In order to maintain the best environmental quality on the limited campus area, NTU strictly adheres to the principles of sustainable development, human-based management, and cost management. It is devoted to improving standard of its services, and tries to design comfortable campus open spaces, including by installing peripheral parking of automobiles and motorcycles on campus, enhancing public facilities, improving the quality of classrooms and research facilities, renovating old buildings, and transforming Zhoushan Road into a Green Living Road. Additionally, NTU utilizes computers to expedite administrative operations and obtain necessary information on sustainability measures; thus, the university works for a clean, ecological campus by reducing campus waste and recycling resources. Moreover, NTU encourages green consumerism, and by monitoring power consumption and improving power systems, it embeds the concept of building life cycle into its construction projects so as to save energy and reduce carbon waste.

In recent years, NTU has increasingly made use of private capital and management talent to assist in university construction and operations, thereby providing faculty and students with better living facilities. The reuse of old assets creates benefits for the University, such as turning idle old spaces into well planned offices and restaurants, making old university files and dossiers the themes and topics of museum exhibitions and the like. All such measures make our campus environment increasingly pluralistic and interesting.

Using a diversified management strategy, the Office of General Affairs continues to provide the resources for NTU to design a high quality, sustainable green campus environment on its march toward the goal to join the ranks of the world's top 100 universities.

## Area of NTU Campus 2010



	Area
Main Campus	114.2
College of Social Sciences	4.75
College of Medicine	9.81
Hospital	7.79
Ankeng Farm Land	20.29
Wenshan Botanic Garden	5.03
Mountain Farm Land	1,091.08
Research Forest	329,11.43
Chupei Campus	22.08
Yunlin Campus	57.03
Shuiyuan Campus	6.78
Other Satellite Campuses	30.51
	34,281.42

Unit : Hectare

1. Main campus including Animal Hospital of 0.2794 Hectare and Agricultural Testing Site is about 9.38 Hectares °
2. Other Satellite Campuses consist of Ilan Shore side laboratory of 3.03 hectares and Yulin campus, including dormitory, etc, of 3 Hectares °
3. Areas under two decimal places are rounded up °



# 11.0

## Sports Facilities

Members of the NTU family who are sports aficionados have plenty of resources at their disposal. Besides the basic sports facilities, which include an outdoor sports field, a 400-meter long PU track and field, six basketball courts, seven volleyball courts, one baseball field, one softball field, one rugby football field, one soccer field, two handball fields, one golf driving range, one basketball court by the Seismic Center, one outdoor physical preparation field and a special classroom for physical education, tennis courts and an outdoor pool, and the old stadium (called the "old gym" by students), there is also the New Sports Center (called the "new gym" by students).

Since its opening in June 2001, the New Sports Center has been used in regular teaching, training and faculty-student activities. It is also available for outside rental, and has become a major venue for large scale sports activities, concerts and art exhibitions in Taipei City. NTU also has a stadium in the College of Medicine. The first floor of the stadium has badminton, basketball, volleyball and handball courts. The second floor has dance floors and offices. In addition, the College of Medicine stadium is equipped with three tennis courts, two basketball courts and several volleyball courts to serve the teachers and students of the College of Medicine and the College of Social Sciences.





12.0

Student Autonomy and  
Activities of Student  
Associations



NTU is noted for its tradition of intellectual freedom and the high quality of its students. In this open environment for self-development, students are allowed to organize and operate various kinds of clubs and associations as outlets for expressing their creativity and leadership talents. Student activities flourish as an integral part of NTU's liberal and pluralistic environment.

### Student Autonomy

The student associations at NTU can be classified into two types: autonomous and general. The autonomous clubs are aimed to foster the individual thinking and habits of its members. They encourage students to participate in social and political affairs and strive for student welfare. Consequently, they often serve as communication links between the students and the University. While instilling in students the values of democracy, equality and the NTU tradition of freedom of inquiry, the autonomous student associations lead them to be caring citizens who value the ideals of liberty and law.

NTU has a grand tradition of student autonomy. A representative of student autonomy, the NTU Student Union was founded in August 1988. Its predecessor, the "Federation of NTU Student Delegates" dated back to 1947. It has been twenty two years since the Student Federation became the Student Union. The principal significance of the founding of the Student Union was that it set a benchmark for the separation of powers for student autonomy in Taiwan, and that the President of the Student Union finally was henceforth to be elected by the entire student body.

The current By-Laws of the NTU Student Union were passed by a student referendum in 1990, and the detailed provisions were adopted by the General Assembly of the Student Union soon after. According to these provisions, the Student Union organization took the form of a trias politica presidential system, with the Student Union as the executive branch, the General Assembly as the legislative branch and the "Student court," a rarity among university autonomous groups, to serve as the judicial branch.

During the 1980s, student movements flourished in Taiwan, and student autonomy at NTU advanced with the student movements. Besides University policies, NTU student autonomy was related to issues of social justice and the problems facing Taiwan. The current 19th Student Union carries on the tradition of student autonomy at NTU. Armed with a rich heritage and body of knowledge about student autonomy, the goal of the 19th Student Union is to consolidate the spirit of autonomy and campus democracy. Therefore, the Student Union can be regarded as the basic safeguard of the tradition of freedom of learning at NTU.

### Activities of Student Associations

The student associations at NTU can be further classified into six categories: academic societies, entertainment-oriented clubs, service-oriented organizations, learning societies, friendship associations, and hybrids. This array of student organizations plays an important role in campus life, providing all kinds of educational and recreational possibilities for students while painting a vibrant, colorful canvas of campus life.





## Humanities Trio Chord

All over NTU campus, cultural treats created by students can be seen, from the graffiti on wall corners, and the vending stalls in Hsiao-fu Square to the theatrical performances on the lawns. Among the multifarious on campus cultural events, the largest in scale and most exciting are the NTU Art Season, Film Festival, Exhibition of Student Associations and the Freshmen Concerts. These large-scale events are organized by the Office of Student Affairs whose staff members work to integrate the resources and creativity of various student associations into major events. With the support of university funding and resources, the strengths of the various student associations are brought together and synergized into a series of art events with unified concepts and appeals. Not only is the "humanities trio chord" a prime attraction for students every year; it truly reflects the creativity and vitality of NTU students. Although solidarity brings power, each individual student organization has its own distinctive charm. Academic societies in general have leftist tendencies, providing a different perspective in Taiwan where leftist voices are rarely heard in the public mass media. They espouse the ideal of social equality and are devoted to the promotion of welfare for the disadvantaged and environmental protection. Service student associations encourage students who always bury themselves in their studies in high school to step out of their ivory tower and enter a different social environment in order to witness the needs of people with diverse backgrounds in society. The learning student associations provide opportunities for students to learn arts and crafts, so in a way they play the role of art teachers who enable students to combine their personal interests with artistic pursuits and fulfill their aspirations on an extracurricular platform.

In keeping with the growing emphasis on cultural learning, NTU established the "Workshop for the Promotion of Art and Literature" in 2005, which was placed directly under the President's Office. In 2008, the Workshop was restructured as the "NTU Center for Art Promotion," an independent first grade unit at the University. With an independent budget and administrative structure, the NTU Center for Art Promotion orchestrates a variety of arts events on campus. During the past few years, the Center for Art Promotion staged over 100 free arts events for students every year, ranging from literary creation, drama, modern dance, movies, classical music to rock and roll concerts, etc. These arts events deepen and

expand the students' view of art and give them the chance to experience experimental and avant-garde art, as well.

## NTU as a Home Away From Home

Are you worried about not having any special hobby or talent, so you fear there is no place for you in club activities? Or, are you worried that you are in a new city, with no idea about how to make new friends? Relax. Rest assured that you will be pleasantly surprised to find that the clubs or associations you were looking for are already available at NTU, ready to welcome you with open arms.

The majority of friendship student associations are high school alumni associations formed by students from a certain county or city. For instance, a student from Taichung will naturally be a member of NTU's Taichung Alumni Association, and a student from Kaohsiung will belong to the NTU Kaohsiung Alumni Association. Of course, being a member of an alumni association does not prevent one from joining other student associations. But, owing to social networking, the various alumni associations provide support for freshmen who just arrived to help them solve their inevitable problems. When foreign students and overseas Chinese students enter NTU, they are happy to find associations of their compatriots who speak their mother tongues. These association members interact with the new students, exchange information and tips, thus helping the newly arrived foreign students and overseas Chinese students to blend into the NTU community smoothly. To them, the associations are pillars of support, which ease them into the swim of life at NTU.

By the same token, alumni associations representing different counties and cities and regional cultures bring new vistas to NTU campus. Often, during the exhibition week of the alumni associations, the members rack their brains to present their home cultures to the public. So, the visitors get to see the legendary ox tongue shaped cakes of I-lan, the sun cakes of Taichung, and the Gong candies of Kinmen. These regional cultures have become collective memories for NTU students.



## Movement and Perspiration

Another arena for NTU students to display their vitality and prowess is on the sports field. Besides academics, NTU students are second to none on the sports field. In athletic competition, they show their fighting spirit as they vie for victory. Victory on the sports field often becomes a moment of glory in campus life. The University hosts two kinds of athletic competition: intercollegiate and intramural. The former are regional sports meets or games between teams from different universities whereas the latter are meets or games between teams from within the University, even from the same college. For intercollegiate competition, NTU picks the best players from the departmental teams to represent the University; the hottest games are usually basketball and softball. Given the wide variety of intercollegiate meets and games, NTU provides students a rich environment for developing their physical prowess in the different sports. As to intramural games, the Freshmen Cup is by far the most prominent. Teams from different departments and colleges meet to compete-- and compose a glorious page in their college life. The Freshmen Cup also signifies a rite of passage for the first year students, and is considered to be one of the major engagements for new students every year.

## Future Prospects

With the goals of "pursuing Excellence, caring about society and aiming for Top University," the Student Association will focus its future development on cultivating leadership, distributing information about its activities and shaping a healthy campus culture. It hopes to encourage students during their four golden years at NTU to explore the wide variety of well-organized, internationalized opportunities from their academic studies, community services and participation in international exchanges to be educated as honest, well-cultivated people, sensitized by their learning experience and dedicated to world peace in order to become real "TAIDA people" who embody the spirit of team work, accountability, integrity, diligence, ambition and vision.





13.0

Alumni



NTU has remained the leading institution of higher education in Taiwan during the past eight decades. Its galaxy of more than 200,000 alumni sparkles with stellar performers in many specialized fields and most of them have become leaders in society. The general headquarters of NTU Alumni Association was founded in November 1962, and has developed continuously over the past 48 years. By now, the branches and activities of the NTU Alumni Association have spread all over the world, from New York and Houston to Japan.



In order to further consolidate its alumni power, NTU set up an "Alumni Liaison Office" in 1995 to strengthen University services to NTU alumni and promote their interaction and spirit of camaraderie. The Alumni Liaison Office has a twofold mission: on the one hand, to serve as a interface between the University and the alumni, providing campus information through regular channels to the alumni and allowing them to share the resources of NTU; on the other, to install a network for the alumni by setting up the "Alumni information network," to subsidize "thirty year class reunions" and to hold activities, such as "outstanding alumni award," through which alumni members can get together and expand their interpersonal activities.

Alumni can apply to the Liaison Office for their alumni card, which provides various benefits, including discounts for parking, lodging, dining and shopping on the NTU campus. In the meantime, alumni can use their identity cards to access and utilize University resources, such as renting rooms at the new Sports Center at a discounted price, borrowing books from the Main Library, and using the Resources at the Center for Computing and Information Networking.



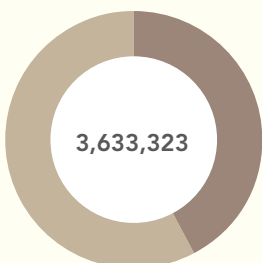
# 14.0 Statistics

## ACADEMIC STRUCTURE

College	Departments	Master Program	P.h.D. Program
Liberal Arts	8	12	9
Science	7	10	10
Social Sciences	4	6	5
Medicine	7	19	19
Engineering	5	11	11
Bio-Resources & Agriculture	12	14	14
Management	5	5	5
Public Health	1	5	4
Electrical Engineering & Computer Science	2	7	7
Law	1	2	1
Life Science	2	8	8
Total	54	99	93

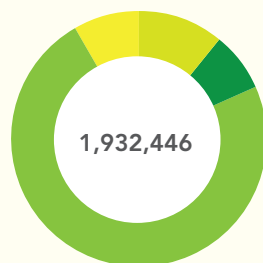
## LIBRARY STATISTICS 2005~2009

### Books



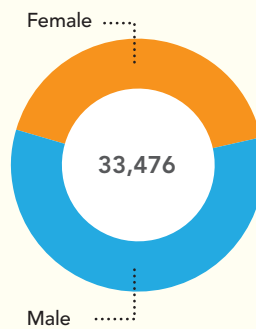
- Chinese 1,534,116
- Non-Chinese 2,099,207

### Non-Book

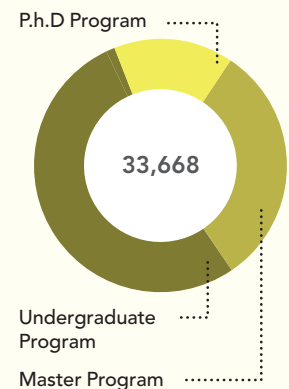


- e-Books 1,415,844
- audio/video 143,961
- microfilms 212,317
- other 160,324

## 2010 ENROLLMENT



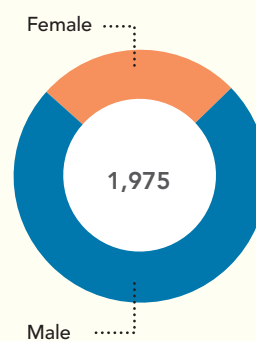
- Male 19,871
- Female 13,605



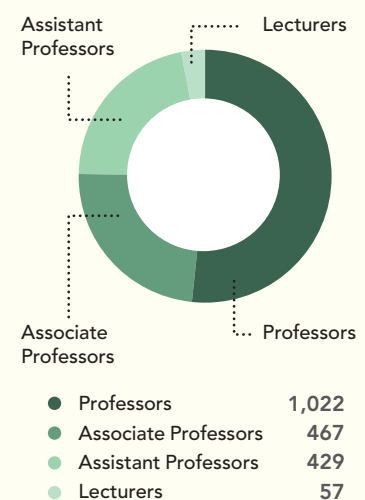
- P.h.D Program 5,179
- Master Program 10,594
- Undergraduate Program 17,703

## FACULTY & STAFF

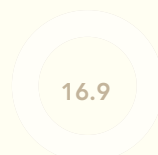
### Faculty



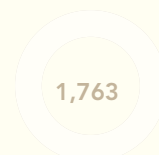
- Male 1,464
- Female 511



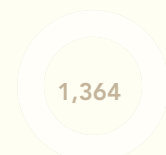
- Professors 1,022
- Associate Professors 467
- Assistant Professors 429
- Lecturers 57



Ratio of Student to Faculty 16.9



Adjunct Faculty



Supporting Staff

# 15.0

## Final statements of incomes and expenditure from the Academic Fund in 2009

### INCOME

Unit : NTD

Item	2009	%	2008	%	Comparison	%
<b>Ministry of Education Subsidies</b>						
Teaching research Subsidies	4,391,548,000	27.15	4,351,422,000	28.43	40,126,000	0.92
<b>Self-raised Funds</b>	1,743,546,785	10.78	1,772,207,325	11.58	(28,660,540)	(1.62)
Tuition & miscellaneous Incomes	(63,885,306)	(0.39)	(68,945,795)	(0.45)	5,060,489	(7.34)
Practicum agreement Incomes	6,012,406,330	37.17	5,245,776,827	34.27	766,629,503	14.61
Education Promotion Incomes	235,670,745	1.46	259,551,451	1.70	(23,880,706)	(9.20)
Other Subsidies(Excellence Initiative subsidies)	2,176,002,432	13.45	2,147,997,748	14.03	28,004,684	1.30
Miscellaneous Operating Incomes	67,361,331	0.42	74,025,563	0.48	(6,664,232)	(9.00)
Service Incomes	145,339,692	0.90	124,396,005	0.81	20,943,687	16.84
Sales Incomes	184,506,192	1.14	167,016,651	1.09	17,489,541	10.47
Rent & Loyalty Income	415,993	0.00	151,800	0.00	264,193	174.04
Medical Treatment Incomes	86,539,240	0.53	78,270,999	0.51	8,268,241	10.56
Financial Incomes	93,154,033	0.58	214,530,119	1.40	(121,376,086)	(56.58)
Assets under Operating Use and Premium Income	727,560,726	4.50	653,171,299	4.27	74,389,427	11.39
Donated Incomes	198,035,438	1.22	159,269,882	1.04	38,765,556	24.34
Income due to Fine for Default and Amende	29,109,927	0.18	5,633,399	0.04	23,476,528	416.74
Sale of assets and Inventory Gain	100,605	0.00	81,446	0.00	19,159	23.52
Miscellaneous Incomes	149,696,379	0.93	120,683,630	0.79	29,012,749	24.04
<b>Total</b>	<b>16,177,108,542</b>	<b>100.00</b>	<b>15,305,240,349</b>	<b>100.00</b>	<b>871,868,193</b>	<b>5.70</b>

### EXPENSE

Unit : NTD

Item	2009	%	2008	%	Comparison	%
Cost for Teaching, Research, & Discipline & Guidance	7,332,761,024	43.49	7,136,661,221	45.49	196,099,803	2.75
General & administrative expenses	1,602,612,763	9.50	1,594,013,945	10.16	8,598,818	0.54
Public Funds & Grants for Students	541,602,229	3.21	519,964,958	3.31	21,637,271	4.16
Practicum agreement Expense	5,705,208,126	33.84	4,913,077,860	31.32	792,130,266	16.12
Education Promotion Expense	196,573,705	1.17	194,047,290	1.24	2,526,415	1.30
Miscellaneous Operating Expense	199,637,501	1.18	174,535,682	1.11	25,101,819	14.38
Service Cost	91,803,219	0.54	72,707,686	0.46	19,095,533	26.26
Sales Cost	164,279,187	0.97	157,296,425	1.00	6,982,762	4.44
Medical Treatment Cost	76,107,495	0.45	61,555,869	0.39	14,551,626	23.64
Marketing and Operating Expense	5,956,480	0.04	6,192,500	0.04	(236,020)	(3.81)
R&D and Training Expense	103,296,571	0.61	87,910,042	0.56	15,386,529	17.50
Financial Expense	15,802,926	0.09	25,429,233	0.16	(9,626,307)	(37.86)
Sale of Assets and Inventory Loss	194,229	0.00	204,638	0.00	(10,409)	(5.09)
Miscellaneous Expense	825,416,318	4.90	744,867,847	4.75	80,548,471	10.81
<b>Total</b>	<b>16,861,251,773</b>	<b>100.00</b>	<b>15,688,465,196</b>	<b>100.00</b>	<b>1,172,786,577</b>	<b>7.48</b>

▲ To Da-an Park

▲ To GuTing  
Metro Station

▲ To Technology Building  
Metro Station

FuXing S Rd.Sec 2

XinHai Rd. Sec. 2

XinSheng S. Rd. Sec.3

垂  
葉  
榕  
道

Royal Palm Blvd.

Palm Ave.

Mahogany Ave.

Sweetgum Ave.

Water fir Ave.

ZhouShan Rd.

Keel Lung Rd. Sec.3

Roosevelt Rd. Sec.4

Keel Lung Rd. Sec.4

National Taiwan University of Science and Technology

綜合體育館  
Sports Center

Sports Field

Drunken Moon Lake

Xiao Fu Commissary

Fu Bell

Xiao Xiao Fu Commissary

Lu Ming Square

Liugongjun Pool

Agricultural Experimental Farm

MingChuan Elementary School

The University Promenade

Fu-Szu-nien Memorial Garden

Faulty and Syaff Dorm

GongGuan Metro Station

綜合體育館  
Sports Center

Sports Field

Drunken Moon Lake

Xiao Fu Commissary

Fu Bell

Xiao Xiao Fu Commissary

Lu Ming Square

Liugongjun Pool

Agricultural Experimental Farm

MingChuan Elementary School

The University Promenade

Fu-Szu-nien Memorial Garden

Faulty and Syaff Dorm

GongGuan Metro Station

# 16.<sup>0</sup> Main Campus map



## Administrative Units

- 1 Gallery of University History & Old Main Library
- 2 Computer and Information Networking Center
- 3 Main Library & University Press
- 4 Recycling Center
- 5 Campus Security & Jan Shu Hall
- 6 Continuing Education Bldg.
- 8 Health Center
- 9 2nd Administration Bldg.
- 10 Administration Bldg.
- 11 Extension Education Bldg.
- 12 Hall of Joy and Hope

## Instructional Buildings

- 13 Freshman Classroom Building.
- 14 Core Subjects Classroom Building.
- 15 Language Training & Testing Center
- 16 Common Subjects Classroom Building.
- 17 Common Courses Teaching Bldg.
- 25 Liberal Education Classroom Building.

## Life and Recreation

- 18 Gymnasium
- 19 New Moon Pavilion & NTU Visitor Center
- 20 1st Student Activity Center
- 21 Lu Ming Hall · NTU Theatre & Lu Ming Guest House
- 22 Tsun Hsien Hall
- 23 2nd Student Activity Center
- 24 Agricultural Products Sales Center
- 116 The Odeim

## College of Liberal Arts

- 15 NTU Language Center
- 26 Lesyue Bldg.
- 27 Dept. of Anthropology
- 28 Dept. of Philosophy
- 29 College of Liberal Arts
- 30 Audio-Visual Educational Center
- 31 Dept. of Library and Information Science
- 32 Bldg. No.1

## College of Science

- 33 Dept. of Physics & Center for Condensed Matter Sciences
- 34 Global Change Research Center
- 35 Graduate Institute of Oceanography
- 36 Shih-Liang Hall

- 37 Shih-Liang Conference Center
- 38 Dept. of Mathematics
- 39 Dept. of Chemistry
- 41 Dept. of Psychology
- 42 Dept. of Geography
- 43 Dept. of Atmospheric Sciences
- 44 Dept. of Geosciences
- 114 Astronomy-Mathematics Bldg.

## College of Social Sciences

- 45 Dept. of Sociology · Dept. of Social Work
- 46 Graduate Institute of National Development
- 47 Graduate Institute of Journalism

## College of Engineering

- 48 Dept. of Chemical Engineering
- 49 Dept. of Civil Engineering
- 50 Graduate Institute of Applied Mechanics
- 51 Chih-Hung Hall
- 52 College of Engineering Bldg.
- 53 Dept. of Mechanical Engineering
- 54 Graduate Institute of Environmental Engineering
- 55 Dept. of Engineering Science and Ocean Engineering
- 56 Graduate Institute of Building and Planning
- 115 Civil Engineering Research Building
- 94 Guo-Ching Bldg.

## College of Bioresources and Agriculture

- 32 Bldg. No. 1
- 57 Agricultural Exhibition Hall
- 58 Education & Research Center for Bio-Industrial Automation
- 59 Dept. of Agronomy
- 60 Dept. of Veterinary Medicine
- 61 Tomatake Hall
- 62 Chung Fei Bldg. & Sino-Africa Bldg.
- 63 Dept. of Bio-industrial Mechatronics Engineering
- 64 Phytotron
- 65 Landscape and Gardening Bldg.
- 66 Food Science & Technology Bldg.
- 67 NTU Animal Hospita
- 68 Dept. of Entomology
- 69 Dept. of Animal Science and Technology

- 71 Dept. of Forestry & Resource Conservation
- 72 Bldg. No. 3
- 70 Bldg. No. 4
- 73 Bldg. No. 5
- 74 New Agricultural Chemistry Bldg.
- 75 College of Agriculture Bldg.
- 76 Hydrotech Research Institute & Disaster Research Center
- 77 Remote Sensing Bldg.

## College of Management

- 78 Bldg. 1
- 79 Bldg. 2
- 80 Instruction and Research Center

## College of Electrical Engineering and Computer Science

- 81 EE Bldg.
- 82 CSIE Bldg. (Der Tian Hall)
- 83 Barry Lam Hall
- 84 EE Bldg. No. 2
- 110 Ming-Da Hall

## College of Law

- 112 Tsai Lecture Hall
- 113 Wan Tsai Research Hall

## College of Life Science

- 74 Dept. of Biochemical Science & Technology
- 85 Institute of Microbiology & Biochemistry
- 86 Dept. of Biochemical Sciences
- 87 Graduate Institute of Fisheries Science Life Science Bldg.

## Other NTU Unit

- 40 Institute of Atomic & Molecular Sciences, Academic Sinica
- 88 Yen Tjing Ling Industrial Research Institute
- 89 College Entrance Examination Center
- 90 National Center for Research on Earthquake Engineering
- 91 Chung Hua Institution for Economic Research
- 92 Center for Biotechnology



