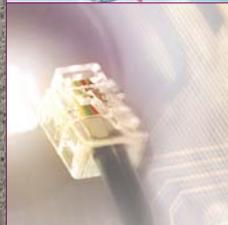


CHINESE UNIVERSITY BULLETIN

Autumn • Winter 2006

Focused Areas
of Scholarship

香港中文大學
THE CHINESE UNIVERSITY OF HONG KONG





CHINESE UNIVERSITY BULLETIN

Autumn · Winter 2006

© The Chinese University of
Hong Kong 2006

The Chinese University Bulletin is
published biannually by the
Information Services Office and is
distributed to friends and staff of CUHK

Address all correspondence to
Information Services Office, CUHK,
Shatin, N.T., Hong Kong SAR,
The People's Republic of China

E-mail

iso@cuhk.edu.hk

Website

www.cuhk.edu.hk/iso/bulletin/

Advisory Committee on Chinese University Bulletin

Prof. Joseph M. Chan
Prof. Chiang Ying-ho
Prof. Daniel P.L. Law
Ms. Conita S.C. Leung
Mr. Jacob S.K. Leung
Mr. Li Kai-ming
Prof. David Parker
Prof. Billy K.L. So

Editorial Staff

Editor

K.F. Chor

Assistant Editors

Piera Chen
Lam Lap Wai
Florence Chan
Wendy Ng

Production

Ada Lam
Pony Leung

CONTENTS

2 Focused Areas of Scholarship



4 Chinese Studies



8 Biomedical
Sciences



12 Information
Sciences



16 Economics and
Finance



20 Geoinformation and
Earth Sciences

24 The 63rd Congregation for the Conferment of Degrees

32 Renowned College Masters and a Green Environment

32 Official Inauguration of the School of Law

34 CUHK's Environment-friendly, State-of-the-art Science Laboratories Building

36 CUHK Proves Top Choice of Top Students in 2006 Admissions Exercise

40 News in Brief

Focused Areas of Scholarship

Almost a year has gone by since the University adopted its *Ten-Year Strategic Plan* (www.cuhk.edu.hk/v6/en/cuhk/strategicplan/ourtenyearvision.html), which specifies broadly the directions for the University's future development, and selected five major areas of scholarship as major thrusts of its research efforts. They are Chinese Studies, Biomedical Sciences, Information Sciences, Economics and Finance, and Geoinformation and Earth Sciences. These areas, already strong at The Chinese University of Hong Kong, have the potential for attaining exceptional distinction and world-class impact.

In this issue of the *Chinese University Bulletin*, we interviewed the respective coordinators on the significance and contributions of the areas and their latest developments. But first we spoke to Prof. Lawrence J. Lau, Vice-Chancellor of the University, about his aspiration for the University and his expectations for the five areas.

Academic Excellence

CUHK has a vision to broaden its horizons and serve not only Hong Kong but also Greater China and the world. Prof. Lau says, 'We need to gear ourselves up and be fully prepared for the many exciting opportunities open to us, locally, regionally, nationally and globally, as well as the potential challenges of maintaining our long-term competitiveness and sustainability.... Together we shall scale new heights of excellence; together we shall realize the vision portrayed in the University's *Ten-Year Strategic Plan*.'

Aspirations for the Major Areas

In Chinese Studies, Prof. Lau would like to see CUHK become in five to ten years the top choice of overseas scholars planning to study Chinese culture, economy and society, whether professors or students, and whether for a degree or just a short period. Biomedical Sciences is an area about which Prof. Lau is highly optimistic since our biomedical research is already at the scientific frontier. He sees CUHK becoming, in 10 years' time, a top centre of Biomedical Sciences not only in Hong Kong, but in Asia and the world. Prof. Lau believes that Information Sciences is the key to the future and is confident that the departments in our Faculty of Engineering, being vibrant communities specializing in highly relevant research, will continue to do extremely well. Describing Economics and Finance as 'the life-blood of Hong Kong', Prof. Lau predicts that as China's economy continues to grow, economic and financial experts at CUHK will stand to play a pivotal role in the region through their research, education and service. Geoinformation and Earth Sciences is an open discipline offering boundless opportunities. Prof. Lau hopes to see

other disciplines at the University make good use of the resources and expertise of this innovative field to advance their own knowledge.

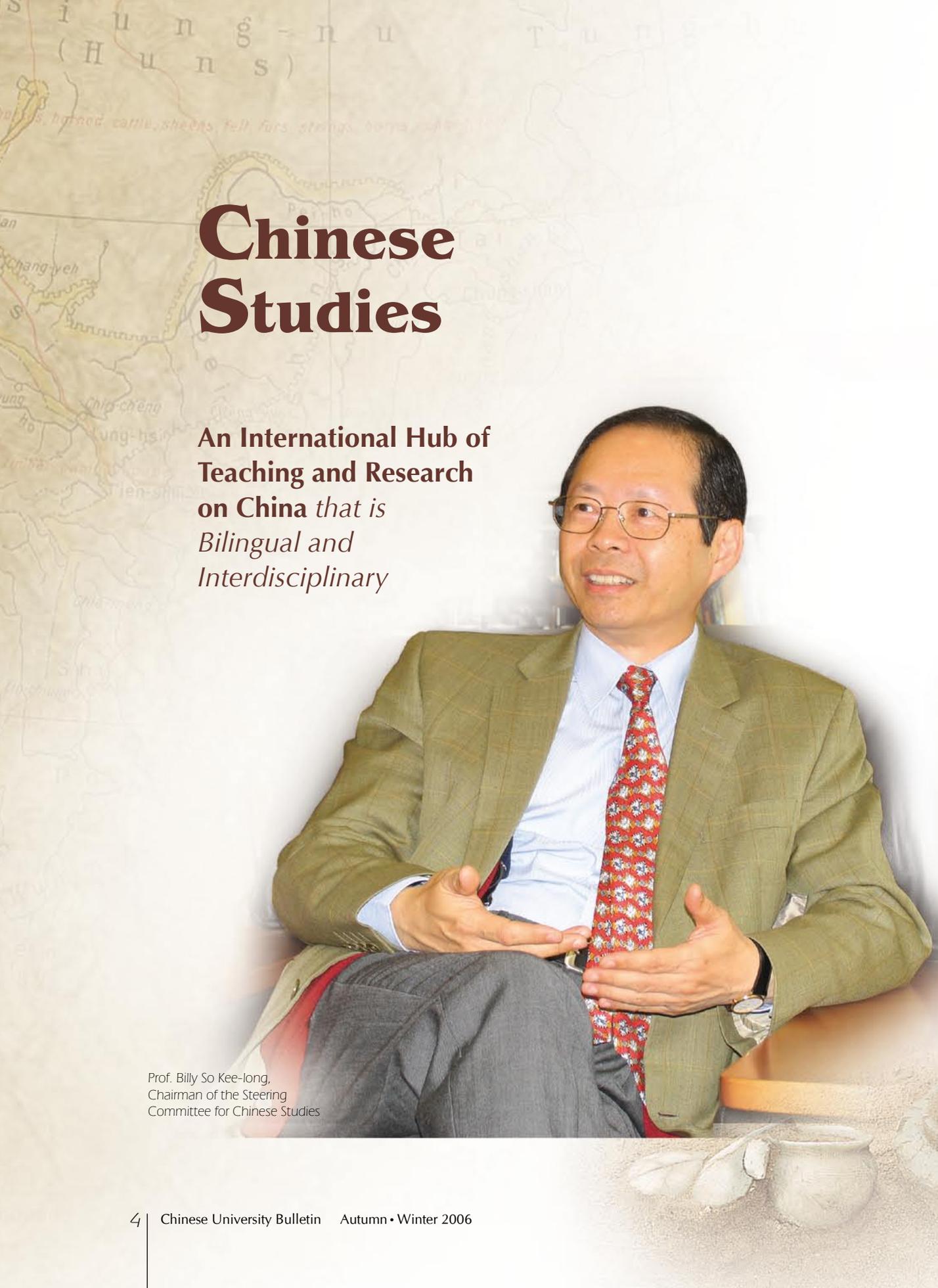
Some Early Achievements

Prof. Lau points out that these focused investments have already begun to bear fruit. For example, the University launched the CUHK–Chiang Ching Kuo Foundation (CCKF) Asia-Pacific Centre for Chinese Studies, the first such CCKF centre in the Asia-Pacific region. Our Centre for Plant and Agricultural Biotechnology has succeeded in securing continuing funding (for eight years) from the University Grants Committee under its Areas of Excellence Scheme, the only research project to have done so. Researchers from the Faculty of Medicine have recently developed a revolutionary non-invasive method for the prenatal testing of Down's syndrome. And four professors of engineering were elected Fellows of the Institute of Electrical and Electronics Engineers (IEEE) in December 2006, bringing the total number of IEEE fellows at CUHK to 16, the highest among local universities.

Focused Yet Non-exclusive

Prof. Lau explains, 'For investment in any type of research, one needs critical mass. Resources that are spread too thinly basically do not yield anything significant. The resources allocated to these areas are new. In other words, they will not affect the existing resources available to other areas of strength which we also support but in different ways. I would also like to emphasize that, while these areas are important, they are by no means the only ones receiving extra support. I congratulate all disciplines at the University on their hard work and vision, and I wish them success.' 



The background features a faded, historical-style map of China with various place names and geographical features. Overlaid on the map is a portrait of Prof. Billy So Kee-long, a middle-aged man with glasses, wearing a light green suit jacket, a light blue shirt, and a red patterned tie. He is seated and gesturing with his hands as if in conversation. The overall aesthetic is academic and historical.

Chinese Studies

An International Hub of Teaching and Research on China *that is Bilingual and Interdisciplinary*

Prof. Billy So Kee-long,
Chairman of the Steering
Committee for Chinese Studies

The background of the page features a traditional Chinese architectural scene, likely a temple or university building, with a prominent tiled roof. The roof is adorned with intricate carvings of dragons and floral motifs. The tiles are arranged in a pattern that creates a sense of depth and texture. In the upper right corner, there is a large, faint calligraphic inscription in Chinese characters, which reads "融合中西 结合传统与现代" (Fusion of East and West, Combining Tradition and Modernity).

Since its founding, The Chinese University has devoted itself to the modernization and promulgation of Chinese culture. Among its founders and teachers were visionary Chinese scholars, including Chi'en Mu and Tang Jun-i. Today, CUHK has evolved into a global-minded institution steeped in Chinese culture. The aim of this major area is to consolidate the University's strengths in the area so CUHK will become a world-leading centre for Chinese Studies.

Longstanding Strengths

Being a University with a unique bilingual and multicultural tradition in Hong Kong, CUHK has an edge in conducting teaching and research on China. Factors contributing to its edge include academic freedom and proximity to the Mainland, an international mindset and respect for tradition, robust connections with top centres for Chinese Studies the world over, and interdisciplinarity in the study of China. In

the five years from 2001 to the end of 2006, China-related studies at the University secured research funds to the tune of \$450 million and laid claim to 40% of CUHK's total research grants received. It had over 750 research projects, over 2,800 refereed publications in Chinese or English, and over 600 professors from seven faculties and the School of Law whose research involves China or a Chinese context.

Evolution of Chinese Studies

'Being Chinese ourselves, Chinese Studies cannot be irrelevant to our lives. Chinese culture and tradition influence us and our society in positive and negative ways. It is definitely not in our interest to be ignorant about them. When faced with the formidable impact of globalization, understanding of Chinese culture and tradition becomes even more acute as we seek and reassert our own collective soul and identity. After two centuries of responding to the challenges of Western impact, tradition and modernity in the Chinese context have become increasingly interwoven. The study of Chinese culture and tradition needs not be confined to the study of the past. It can be a study of a living "past" and its scholarship can be connected closely to the present and the future,' says Prof. Billy So Kee-long, Chairman of the Steering Committee for Chinese Studies, Professor of History, and Associate Pro-Vice-Chancellor of CUHK.

Inheriting the tradition of Chinese Studies since the turn of the 20th century and influenced by European Sinology, world-renowned Chinese Studies experts at the constituent colleges of CUHK in the 1950's and 1960's focused on the humanities areas such as history, philosophy, language, literature, and fine arts. Also at the time, Chinese culture and tradition encountered immense challenges from Marxism and the Cultural Revolution on the Mainland as well as liberal criticism in Taiwan and the West. CUHK was one of the few institutions where traditional scholarship on Chinese humanities continued to flourish. The ensuing Cold War and the dominance of social-science-driven China studies in the American academia in the 1970's

enriched the academic landscape of CUHK with the emergence of social science in the study of China alongside the humanities. The subsequent rise of postmodernism and Cultural Theories in the last decade resulted in an ever-expanding range of perspectives in Chinese Studies at CUHK. And accompanying this development is rapid globalization.

New Chinese Studies at CUHK in the 21st Century

'Today China is a world power and Chinese Studies is not purely a matter of scholarly curiosity. The relationship between tradition and modernity can be perceived as mutually enriching and interactive. For instance traditional Chinese medicine and traditional Chinese education are highly relevant to health care and education, two of the most pressing issues in China today. To understand them as part of Chinese Studies entails not only studying their practices and philosophies, but also examining how modern perceptions of these traditions took shape, how they have been conditioned by the political and economic frameworks of modern society, how they affect our understanding of health and education, and how we may benefit from them,' explains Prof. So.

'New Chinese Studies at CUHK should be characterized by open-mindedness, diversity and interdisciplinarity,' he continues. 'Our fundamental concern should be the



betterment of Chinese society — the core value of all serious traditional scholarships in Chinese civilization, or more literally “the betterment of mankind and pragmatism (經世致用)”’. To embody this approach, the major area is now building up thematic teams of research initiatives that involve different disciplines all threaded through by a Chinese context and significance to Chinese society. For the time being, there are teams focusing on language and literature in cross-cultural communication, interdisciplinary ethics, state and local communities/regional development, public health and society, the Rule of Law, China in global economy, among others. More initiatives will be generated by Chinese Studies researchers at CUHK in the near future. It is anticipated that some will evolve into key research projects with significant impact on Chinese society.

The University is famed for its long bilingual tradition. Prof. So observes that bilingualism is crucial for the development of Chinese Studies and the promotion of cross-cultural understanding, particularly in a global age. In many decades to come, only a small fraction of the Chinese-speaking population are likely to acquire a second language to understand things outside the Chinese language world. Equally only a small fraction of the world’s non-Chinese-speakers will master Chinese to the extent that they have direct understanding of the Chinese language world. Between them will be a

gap of cross-cultural understanding to fill. ‘Truly bilingual campuses are rare in China and the West. This gives CUHK a special mission. Insofar as we are truly bilingual, we can do what many top institutions in China and the West cannot. In this regard, New Chinese Studies at CUHK can make major contributions both within the Chinese-speaking world and beyond.’

Endowed Professorships of Chinese Studies

The area has invited Bei Dao, considered by many to be China’s foremost contemporary poet, to join CUHK as Professor of Humanities. The poet may offer classes in the Department of Chinese Language and Literature, and the Department of Translation, and organize literary workshops of international significance. Other eminent academics will be invited to join the team in a similar capacity. The area will also raise funds for an endowment to support more faculty appointments and major projects such as the Chinese Ancient Texts Database and the digitization of the University’s rare collections on China like those at the Universities Service Centre for China Studies.

Universality

The major area’s broad foci range from humanities and politics, to business, medicine and law. ‘Donors may choose to support the area they are most interested in. The betterment of Chinese society is our fundamental concern, but the outcomes of our projects will also address concerns outside the Chinese world. What can be done for China in this global age will no doubt have enormous reference value for the rest of the world,’ explains Prof. So.

The online version of the Chinese Studies brochure is available at www.cuhk.edu.hk/v6/en/cuhk/strategicplan/fivemajor_cs.html. 



Biomedical Sciences

Straddling Academic Disciplines
and Addressing Health Issues
from the Molecule to the Society



Prof. Dennis Lo Yuk-ming,
a member of the Steering
Committee for the
Biomedical Sciences



The 21st century is the era of Biomedical Sciences. Its development is expected to parallel that of physics and computer science in the last century. Biomedical technology has progressed to a stage where it is ready for take-off. We should take advantage of these unprecedented advances in our research. Modern society is full of urgent medical problems, such as diseases related to emerging infectious agents, urban-living and ageing. We need to solve them. We should also take advantage of the opportunities they present to advance medical knowledge,' observes Prof. Dennis Lo Yuk-ming, a member of the Steering Committee for the Biomedical Sciences major area. Prof. Lo is the Associate Dean (Research) of the Faculty of Medicine and Li Ka Shing Professor of Medicine.

The University is already a stronghold for biomedical research in Asia and the major area will build and further its existing strengths.

Cancer

Cancer is the number one cause of death in Hong Kong. The University's Hong Kong Cancer Institute has its main research facilities housed at the Sir Y.K. Pao Cancer Centre at the Prince of Wales Hospital, Hong Kong's first cancer centre. Last November, The State Key Laboratory in Oncology in South China opened at the centre. Its establishment was formally approved by the State Ministry of Science and Technology and built on the foundation of CUHK's partnership with Sun Yat-sen University. Its research will span cancer biology, early detection, and novel therapeutics for cancers of high prevalence in Asia.

Gastroenterology

The Faculty of Medicine has an excellent track record in research on diseases of the gastrointestinal tract and the liver with over 20 papers having been published in top international medical journals such as the *New England Journal of Medicine* and *Lancet* since 1992.

Molecular Diagnostics

The Faculty of Medicine has an internationally known programme to develop novel diagnostic and monitoring tests for diseases based on the detection and measurement of fundamental molecules of life such as DNA, RNA and proteins. One key area is the study of circulating nucleic acids in the plasma of human subjects. These tests can be done in a safer and less traumatic fashion, and can provide previously unavailable information. Molecular diagnostics is also a catalyst of the promise of personalized medicine.

Diabetes

Diabetes has reached epidemic proportions in Hong Kong due to an ageing population and changing lifestyles. Diabetes can also lead to serious complications such as heart disease and kidney failure, incurring large medical expenses and worsening the quality of life of sufferers. Diabetes research at CUHK focuses

on clinical epidemiology and outcome studies; applied genomics and bioinformatics; clinical trials and disease management; and drug recovery and stem cell research.

Regenerative Medicine

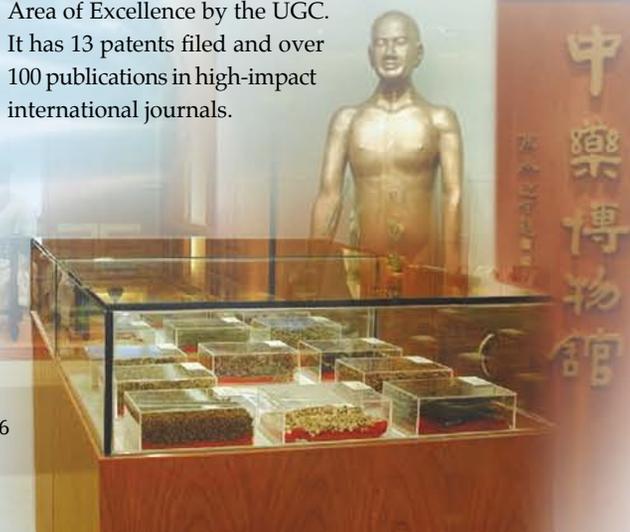
By regenerating tissues for repairing or replacing damaged organs, diseases with limited treatment options today, such as diabetes, Parkinson's disease and heart disease, can be cured in the future with more sophisticated research development in the area of human stem cells. The University's stem cell research group investigates different kinds of stem cells including those isolated from the nervous system and from blood or bone marrow.

Public Health

The first of its kind in the territory, the School of Public Health houses the Stanley Ho Centre of Emerging Infectious Disease. The School is at the frontline of treatment and research on infectious diseases, as evidenced by the University's efficient response during the SARS outbreak. The school also advises the government and the public on public health issues.

Areas of Excellence

The Institute of Chinese Medicine is recognized locally as an Area of Excellence by the University Grants Committee (UGC) and worldwide by the US National Institutes of Health (NIH) as the first Hong Kong recipient of its Traditional Chinese Medicine grant. The Institute of Plant Molecular Biology and Agricultural Biotechnology is the first science area to be designated an Area of Excellence by the UGC. It has 13 patents filed and over 100 publications in high-impact international journals.



New Institute for Translational Research

'Translational research is a worldwide trend and a main theme of the major area,' Prof. Lo points out. Translational research is research that translates basic science discoveries into clinical applications. It focuses on the integration of activities from bench to bedside. Elements necessary for translational medicine include access to the required technology and animal models, proximity of the researchers to clinical materials, and ease of communications among basic scientists and clinicians.

The Li Ka Shing Institute of Health Sciences, to be housed in a new 12-storey building devoted predominantly to translational research, will open at the Faculty of Medicine later in 2007. 'To conduct quality translational research, we need a good team of basic scientists, mathematicians, statisticians, clinicians, bioinformatics experts etc. who can pool their different talents and expertise. Hence the research institute is a very timely development,' observes Prof. Lo. The institute's location in one of Hong Kong's largest clinical catchment areas provides it with a broad clinical base for translational research in diagnostics and therapeutics of important diseases. And to ensure that at any one time, space is given to areas that most need it and that can best justify their need, the institute will allocate space to user areas on a competitive basis.

'Biology research is becoming similar to high energy physics research in the past. Equipment is crucial and is becoming so sophisticated and therefore expensive that it can no longer be afforded by one or two departments. We



will use the major area to develop more core facilities e.g. for generating data or for DNA microarray, so researchers can concentrate on their work,' explains Prof. Lo.

Funding Support

To advance human health in Hong Kong, South China and Asia, the major area requires start-up funding to set up new infrastructure and recruit research talent, especially translational research talent; medium-term funding for appointing research and management staff; and, in the longer run, an endowment fund to sustain core functions.

'The University has allocated substantial research funding to us and the RGC has also raised its support by some 20% last year. I hope other funding bodies will also increase their funding. Donations are gaining momentum. With increased resources, we can hope to increase our efficiency in unravelling the causes of diseases and in developing life-saving tests and treatments for those in need.' concludes Prof. Lo.

The online version of the Biomedical Sciences brochure is available at www.cuhk.edu.hk/v6/en/cuhk/strategicplan/fivemajor_bs.html. 



Information Sciences

Foundation for the
Development of Information
and Communications
Technology

Prof. Wong Kam-fai,
the Faculty of Engineering's
contact person for the
Information Sciences Major Area





Information Sciences are the foundation for the development of Information and Communications Technology (ICT), the technology required for information processing, in particular the use of computers and computer software to convert, store, protect, process, transmit, and retrieve information. ICT is vital for participation in global markets, improvement of service delivery, and exploring of opportunities for development.

‘When it comes to defining major areas, the Faculty of Engineering must give credit to the senior management of the University for its vision. At a time when the IT industry was commonly believed to be suffering a downturn, the University leaders had the foresight to define Information Sciences as a major area for strategic development. Instead of looking at transient data or data of two or three years, they set their sights on what this entire region would need in 10 or 15 years, and they were confident that whatever the trend, good technology and the right technology would survive. They were right. There is now a shortage of expertise for IT jobs in the market. Another wave of opportunity is coming our way and we are well geared to ride it,’ say the Information Sciences experts at the CUHK Faculty of Engineering.

'Of course, the University had very good reason to be confident,' they continue, 'We have a group of interdisciplinary professionals with a strong track record of securing competitive grants. And 16 among our emeritus, honorary and current professors, are IEEE Fellows.'

Network Coding

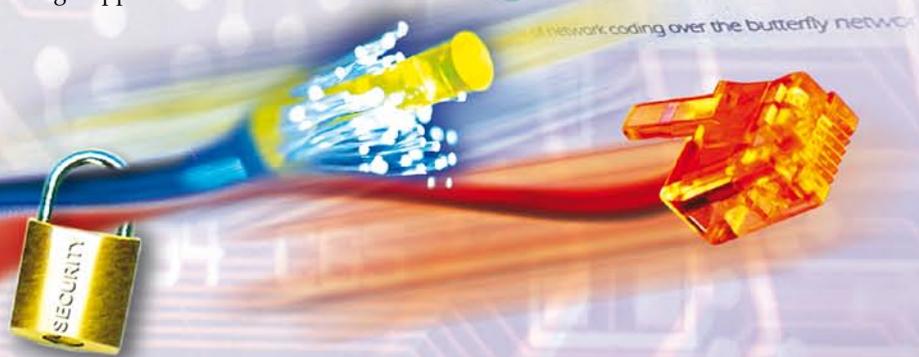
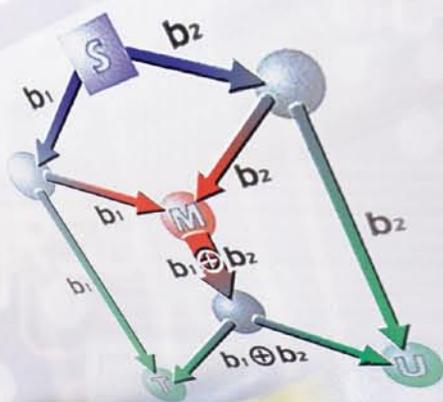
The major area will spearhead the establishment of a Network Coding and Information Research Centre. The centre is a key effort by the University to beef up research in information theory and related areas. Network coding, a field of information theory and coding theory, was founded by professors at the Faculty of Engineering. It is a method of attaining maximum information flow in a network with wide application in wireless networks. The term 'network coding' was also coined at the faculty. It is a flourishing field that has attracted a lot of attention globally. In 2008, the faculty will organize the Annual Network Coding Workshop at CUHK. Previous workshops have been held in Trieste, Boston and San Diego.

The centre has received seed money from Microsoft in Seattle and HK\$2.9 million from the Research Grants Council (RGC). Microsoft Research Asia Lab (MSRA) Beijing has also invited the faculty to submit a proposal for funding support. The centre

will need further support to recruit eminent postdoctoral researchers and to invite famous scholars to give short courses, seminars, and to interact with the students.

Theoretical Computing

Another aim of the major area is to build the region's strongest Theoretical Computer Centre within the Department of Computer Science & Engineering. Theoretical computer science are computer science topics that focus on the more abstract, logical and mathematical aspects of computing, such as the theory of computation and semantics of programming languages, with work in this field often distinguished by an emphasis on mathematical technique. The Theoretical Computer Science Programme of the Faculty of Engineering, one of the most acclaimed in the region, was established under the



leadership of Prof. Andrew Yao, CUHK Professor-at-Large and the first Chinese to win the Turing Award in Computer Science. In the coming two years, the centre will need support to hire a few more professors in security and cryptology as well as research postgraduate students. The centre will have collaborations with the Departments of Mathematics and Biology, and the Faculty of Medicine. It will also liaise with industry for technology transfer.

Multimedia

Founded in 2005, the Microsoft-CUHK Joint Laboratory for Human-Centric Computing and Interface Technologies, a joint venture between the Faculty of Engineering and MSRA Beijing, is at the core of another strategy of the major area, namely, the building of multimedia into an interdisciplinary strength at CUHK and a world leader in this field. Human-centric technologies 'humanize' computer technology by taking care of the information needs and natural communicative patterns of the human user. They endow the computer with the ability to 'see', 'hear' and 'sense' the user and to convey information in personified forms such as synthetic speech, facial expressions and avatar gestures. The Joint Laboratory aims to build cohesion among the core competencies common to CUHK and MSRA, and to develop this cohesion into a research programme that provides infrastructure and inspiration to CUHK faculty, researchers and students.

The ultimate target is to establish a Ministry of Education National Key Laboratory in three years' time.

Bioinformatics Research

There are plans to launch a Joint Research Programme in Bioinformatics. Bioinformatics is the use of computer science, mathematics, and information theory to model and analyse biological systems, especially genomic and molecular data. The interdisciplinary programme will involve, besides computer science and engineering, biology, mathematics, physics, and statistics. A centre will be set up that is devoted to research in bioinformatics and the different participating departments will each hire one or two experts in this area. The aim is to raise the level and impact of bioinformatics research in the region.

'The government calls for the development of a knowledge-based economy. Our society will benefit tremendously from graduates with expertise in computer science. IT research will bring progress to Asia or the world by pushing forward the frontiers of knowledge. The internet and internet security issues are very much part of our daily lives. In short, Information Sciences help pave the way to a better life,' says Prof. Wong Kam-fai, the faculty's contact person for the Information Sciences, Associate Dean (External Affairs) of the Faculty of Engineering, and professor in the Department of Systems Engineering and Engineering Management.

The online version of the Information Sciences brochure is available at www.cuhk.edu.hk/v6/en/cuhk/strategicplan/fivemajor_is.html.



Economics and Finance

Strategic Development of
a Centre of Economics
and Finance



Prof. Joseph Fan,
Director of the Centre of
Economics and Finance

‘As a global financial centre, Hong Kong has a crucial role to play in channeling resources into Mainland China and vice versa, and in disseminating knowledge on the Chinese economy, corporate finance and Asia’s emerging markets. The Chinese University, by virtue of its history and location, attaches much importance to promoting the Chinese aspect of its disciplines, and business and finance is no exception,’ says Prof. Joseph Fan, Director of the Centre of Economics and Finance and professor in the Department of Finance and School of Accountancy. These advantages are boosted by the strong track record of the Faculty of Business Administration in China-related research and consultancy services to corporations, governments and world organizations. Combined, these factors mean that the major area of Economics and Finance is well poised to succeed in its mission of becoming a world powerhouse in economic and financial research on China, and of strengthening Hong Kong’s position as a financial hub, through its Centre of Economics and Finance.

Recruiting Professors

The centre coordinates with the Finance and Economics Departments to recruit professors from the world market. One of those recruited is Dr. Bang Nguyen-Dang, a Ph.D. graduate from the HEC School of Management in Paris, a leading business school in Europe. His dissertation on social elite networks in corporate governance won the Best Paper Award of the European Finance Association. Prof. Fan has also been to Chicago where he interviewed candidates from top American business schools such as Wharton, Chicago, and Vanderbilt, for assistant professorships in corporate finance. Some of the candidates have been invited to pay a visit to CUHK later this year, after which one or two will be selected to join the centre. Similarly, the economics side of the major area will hire professors specializing in the Chinese economy.

Visiting Scholars

To encourage formal and informal interaction among academics, the centre will devote resources to increase scholarly traffic at all levels. Distinguished visiting professors will be invited to deliver lectures and mentor research. These will be the world's top figures in the area, who are either editors or associate editors of high-impact economic and financial journals, and chair professors in their own institutions. Prof. Franklin Allen, Nippon Life Professor of Finance and professor of economics at the Wharton School of the University of Pennsylvania, has committed to visit the University for a month every year for the next few years as a distinguished visiting professor. The centre is in the process of appointing two more distinguished visiting professors. A visiting

professor has also been arranged to stay at CUHK for eight months to conduct joint research, while a series of visiting scholars have been lined up to give seminars. Postdoctoral researchers and fellows will be hired to work on basic research with the centre's experts either from their home location or at the University.

Through these new synergies, the centre aims to produce high quality research related to China and East Asia, and disseminate its findings to the local and the world academic community through publications and word of mouth. In doing so, it hopes to secure even greater international recognition. 'Busier traffic will not only benefit our research; it will also promote the centre and its work in the mainstream academic community of North America. Being in Hong Kong, it is our role to bring together the east and the west. Our research should have both local and global relevance,' observes Prof. Fan.



Policy and Business Advice

The economic and financial specialists at the University have long been rendering policy advice to the central government of the PRC, the Mainland Committee of the Taiwanese government, and the Hong Kong government, as well as major corporations and international organizations such as the United Nations, the World Bank and the Asian Development Bank. The centre will serve as a solid platform for professors to provide policy advice through their own networks, or by means of newsletters, occasional papers, and seminars. 'We seek to expand our role in consultancy. In the coming year or two, we will focus on consolidating our reputation as a policy adviser by continuing to produce high quality work and promoting it. We will also try to penetrate the area of local business consultancy and to enhance dialogue between the government and local businesses,' remarks Prof. Fan. A family business club has been formed at the Centre for Entrepreneurship of the Business Faculty. Representatives of local

family-run businesses are invited to join the club where they can attend talks by and share their experience with academics. The new centre can take advantage of the club to build up its credibility and promote business knowledge. 'Asian family-run businesses can be a challenge. Many may have reservations about revealing information to outsiders. Therefore we have to gain their trust. We should let them realize that whatever advice we give is backed by solid and relevant research and is therefore neutral, robust and reliable,' Prof. Fan points out.

Besides hiring and conducting research, the centre will also need support to build a database and a library collection. Prof. Fan is confident about the future of the centre. 'By donating resources to us, our supporters are investing in a visionary centre that is dedicated to producing excellent research, in addition to organizing conferences and workshops. We have already been doing well. The Chinese University and its Economics and Finance Departments have been consistently ranked among Asia's best institutions by international surveys of research output in economics and finance. Sir James Mirrlees, 1996 Nobel Laureate in Economic Sciences and CUHK Professor-at-Large, and Prof. Lawrence J. Lau, renowned economist and CUHK Vice-Chancellor are affiliated with the Departments of Economics and Finance. Our donors can rest assured that every cent they invest in us will pay off in the foreseeable future.'

The online version of the Economics and Finance brochure is available at www.cuhk.edu.hk/v6/en/cuhk/strategicplan/fivemajor_ef.html. 

Geoinformation and Earth Sciences

Strategic Development of
a Laboratory for Tropical Monsoon
Environmental Remote Sensing



Prof. Lin Hui, Director of ISEIS

The major area 'Geoinformation and Earth Sciences' is spearheaded by the Institute of Space and Earth Information Science (ISEIS) at CUHK — the only Hong Kong base of the National Remote Sensing Centre of China, under the State Ministry of Science and Technology. The key initiative of ISEIS is the establishment of a Laboratory for Tropical Monsoon Environmental Remote Sensing, a groundbreaking, state-of-the-art, comprehensive laboratory in geoinformation and earth science. The other sub-divisions of the centre are located in two other universities — Peking University and Wuhan University, as well as a few state ministries.



Tropic and Sub-tropic Remote Sensing

Due to its geographical location, the CUHK sub-division specializes in cloud-prone and rainy area remote sensing and the study of coastal and marine environments. 'The Chinese University base is a very important one,' says Prof. Lin Hui, director of ISEIS. 'Eighty-five percent of China's natural disasters, including typhoon, rainstorm, flood, landslide, land subsidence and mud-rock flow, happen in areas with clouds and a rainy season. These are problems that must be solved. As land-based resources are being depleted, the world is looking more into ocean theories and methodologies for multi-source and multi-scale spatial data, as well as integration of geoinformation technology and earth science. Increasingly we tap into ocean resources such as off-shore oil. It is crucial to protect these resources and the environment.' The institute's other research areas include virtual geographic environments, emergency response and natural disaster monitoring and management, analysis and modeling of the urban settlement environment, public health and geoinformation systems.

The first phase of the Satellite Remote Sensing Ground Receiving Station of ISEIS was built with HK\$30 million from Innovation Technology Fund of HKSAR and the '863' High-Tech Research Programme of China as well as sponsorships from private funds and began full operation on 1 January 2006. The second phase of the station will be built with a handsome donation of HK\$40 million from the Fok Ying Tung Foundation. Besides being a landmark of the University, it is one of China's two most advanced satellite remote sensing receiving stations for civilian use. The station's antenna covers an area with a 2,500-mile radius, reaching Mongolia to the north, the Philippines and Indonesia to the south, Japan and Korea to the east, and the Eastern Indian Ocean to the west. Currently it receives radar images

of ENVISAT, a satellite launched by the European Space Agency, from a distance of 700 km. The station receives and processes remote sensing data, turning them into useful information for governments, the private sector, and other users in Hong Kong, South China and the neighbouring regions.

Beyond Earth, Beyond Science

Prof. Lin points out that the station has revolutionized the use of information in earth science research in the region. 'Through the station, ISEIS supports and advances traditional earth science with the latest space and information technology. That is why we are called the Institute of Space and Earth Information Science.'

Geoinformation science is one of the fastest growing areas along with the development of space and information science and technology in the 21st century and one which has far-reaching implications for other disciplines as well. ISEIS has a team of interdisciplinary research professionals from seven faculties and Prof. Lin hopes they will soon be joined by an expert from the new School of Law, environmental law in particular. These professionals work with scientists at the institute to, for example, identify thermal environments and wetlands that are conducive to the spread of infectious diseases, study transportation networks and air-flow in congested urban areas, develop software for geographic information analysis, and trace the cotton textile economy of premodern maritime China.

Education

ISEIS also has plans, resources permitting, to organize a postgraduate programme for both local and international students and to offer General Education courses for undergraduates. 'This planet is our only home. Problems such as earthquakes, typhoons, and global warming affect us all,

sometimes without our being aware of it. When ice in the Arctic and Antarctic melts and the sea level rises by a metre, Hong Kong may become the next New Orleans. CUHK is a comprehensive, research-based university. Geoinformation and earth sciences should become one of our fundamental programmes, providing a solid scientific base for other studies such as environmental modeling, urban and regional planning, disaster analysis and management, and other relevant studies. Our students should have a deeper understanding of our earth, whether they be studying engineering, science, business or the arts and humanities. For instance, business students need to know where the resources and the natural disaster risks are, so they can make wise investment decisions. Geoinformation and earth sciences help students to think globally.'

To realize its plans for the postgraduate programme, Prof. Lin says the ISEIS needs at least five new professors specializing in one or more of the following areas:

- solid earth (e.g. earthquake and tsunami)
- atmosphere (e.g. rain and typhoon)
- oceanography
- renewable energy
- biodiversity and ecosystem
- transportation and urban environmental problems

It has hired two with University funding — Prof. Zhang Yuanzhi from Helsinki University of Technology of Finland specializing in solid earth and coastal environment, and Prof. Chiu Long Sang from George Mason

University and NASA of the US specializing in atmosphere and oceanography.

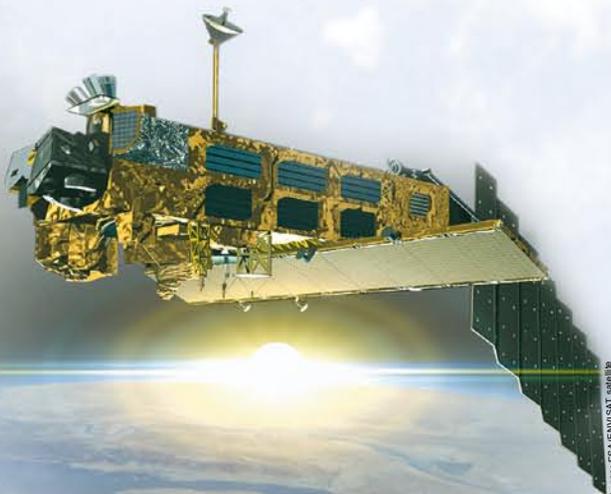
Contributions to Solving World Environmental Problems

Besides natural disasters and urbanization, remote sensing helps governments and other organizations to understand, monitor and solve some of the world's most pressing problems — pollution, energy and food. For instance, using infrared and microwave remote sensing, ISEIS investigates the water quality of the Pearl River Delta, keeps an eye on red tide and oil spills in the South China Sea, and identifies wind fields and biomass for conversion into energy. China is a rice-eating country with a population of 1.3 billion, according to official statistics released in 2005. The institute helps the central government of the PRC to gather data on water courses and soil suitability in order to improve the quality of rice grown and to estimate the yield. The institute also contributes to precision farming in China. Precision farming is farming that carefully tailors soil and crop management to fit the different conditions found in each field. It employs three technologies — remote sensing, geographic information systems and satellite positioning systems. The data benefits governments and farmers by helping them to distinguish crop species and locate stress conditions.

Conclusion

ISEIS has a very short history so initial investment is crucial. 'We need excellent scientists and teachers in order to have excellent students and develop excellent research topics. We have to start off on the right foot. For the time being, immigrating to other planets is still not an option. We are better off understanding and protecting the Blue Planet,' concludes Prof. Lin.

The online version of the Geoinformation and Earth Sciences brochure is available at www.cuhk.edu.hk/v6/en/cuhk/strategicplan/fivemajor_ges.html. 



The 63rd Congregation for the Conferment of Degrees



(From left) Mr. Ian Fok (representing the late Dr. Fok Ying-tung, Henry); Dr. Ho Tzu-cho, David; The Honourable Chief Justice Li Kwok-nang, Andrew; Dr. Edgar W.K. Cheng, Chairman of the University Council; Prof. Lawrence J. Lau, Vice-Chancellor of CUHK; Prof. Chen Shupeng; and Prof. Yao Chi-chih, Andrew

The Chinese University of Hong Kong held its 63rd Congregation for the Conferment of Degrees on 7 December 2006. Dr. Edgar W.K. Cheng, Chairman of the University Council, presided at the congregation.

The Chinese University conferred honorary doctorates on six distinguished persons, in recognition of their outstanding contributions to academic and cultural advancement, socio-economic progress, and the development of the University. They are: Prof. Chen Shupeng, pioneer in remote-sensing and geoinformation science research in China, an Academician of the Chinese Academy of

Sciences; The late Dr. the Honourable Fok Ying-tung, Henry, distinguished entrepreneur and philanthropist, Vice-Chairman of the National Committee of the Chinese People's Political Consultative Conference of The People's Republic of China; Dr. Ho Tzu-cho, David, distinguished banker and philanthropist, currently Chairman of The S.H. Ho Foundation; The Honourable Chief Justice Li Kwok-nang, Andrew of the Court of Final Appeal of the Hong Kong Special Administrative Region; Prof. Wu Guanzhong, great Chinese painter; and Prof. Yao Chi-chih, Andrew, Turing Award winner in 2000 and Distinguished Professor-at-Large of The Chinese University.

Dr. the Honourable Fok Ying-tung, Henry was posthumously conferred the degree of Doctor of Laws, *honoris causa*. The Honourable Chief Justice Li Kwok-nang, Andrew was conferred the degree of Doctor of Laws, *honoris causa*. Prof. Wu Guanzhong received the degree of Doctor of Literature, *honoris causa*. Prof. Chen Shupeng and Prof. Yao Chi-chih, Andrew were each awarded the degree of Science, *honoris causa*. Dr. Ho Tzu-cho, David received the degree of Doctor of Social Science, *honoris causa*. Prof. Wu Guanzhong was unable to attend the ceremony due to personal reasons.

Their citations were written and delivered by Prof. David Parker and Prof. Samuel Cheung. The Honourable Chief Justice Li Kwok-nang, Andrew addressed the graduates.



In the afternoon, the four constituent colleges held graduation ceremonies for their students. The master's degree graduation ceremony was held in four sessions on 8 and 9 December. 🏛️



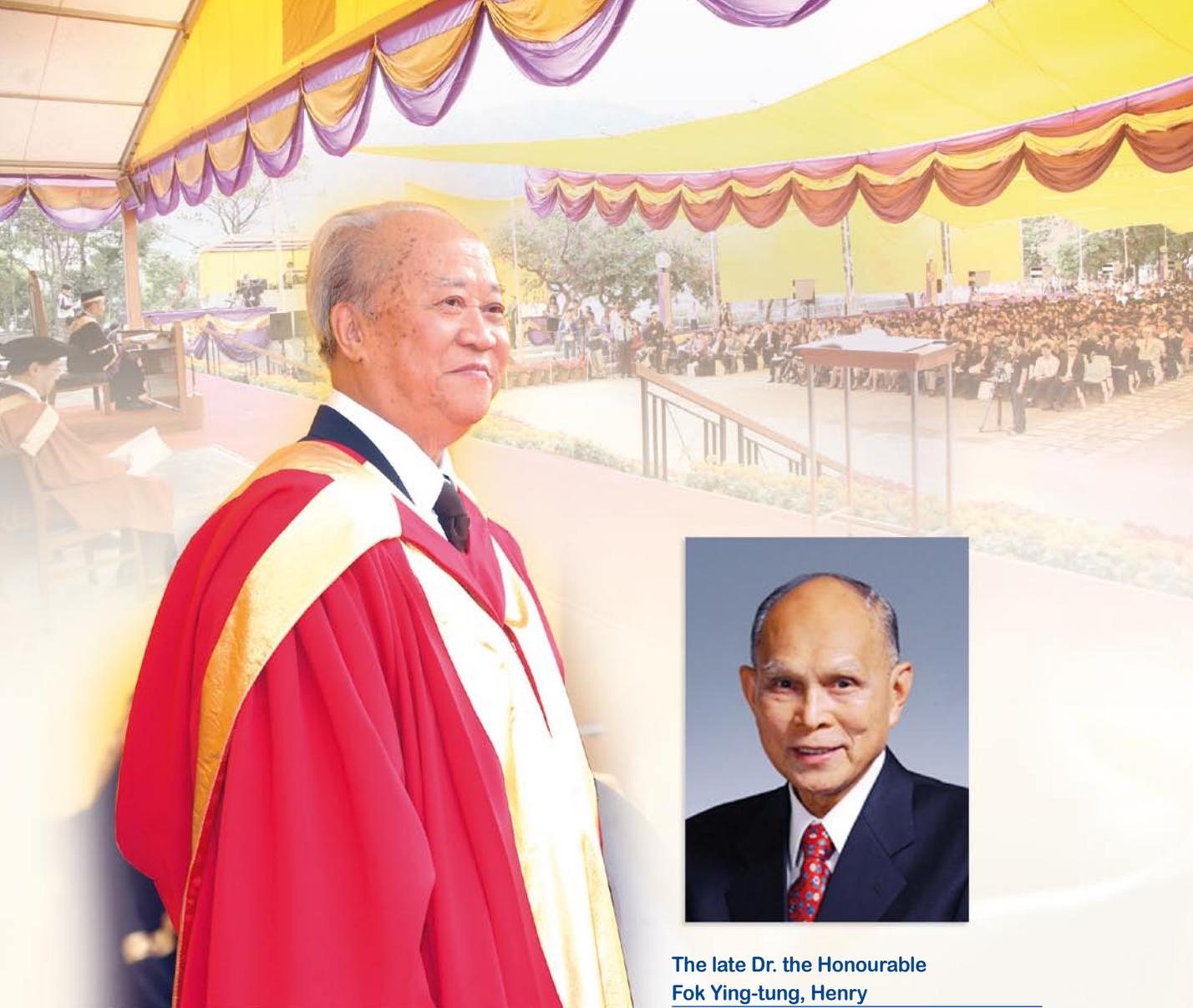



 香港中文大學
 THE CHINESE UNIVERSITY OF HONG KONG

二零零五至二零零六年度碩士學位課程畢業典禮
 Master's Degree (2005-2006) Graduation Ceremony



Breakdown of Degrees Conferred in 2005-06	
Honorary Doctorates	6
Doctor of Medicine	6
Doctor of Philosophy	188
Doctor of Education	6
Master of Philosophy	337
Master of Arts	881
Master of Divinity	5
Master of Fine Arts	3
Master of Music	5
Master of Accountancy	14
Master of Business Administration	333
Master of Professional Accountancy	71
Master of Education	191
Master of Family Medicine	5
Master of Nursing	27
Master of Occupational Medicine	2
Master of Public Health	18
Master of Chinese Medicine	6
Master of Science	757
Master of Architecture	37
Master of Social Science	193
Master of Social Work	36
	3,127
Bachelor's Degrees	
Arts	434
Business Administration	542
Education	52
Engineering	379
Medical Sciences	2
Medicine and Surgery	154
Nursing	108
Pharmacy	26
Chinese Medicine	26
Science	514
Social Science	545
	2,782
Total	5,909



Professor Chen Shupeng

Professor Chen Shupeng, an Academician of the Chinese Academy of Sciences, is an outstanding geographer, and a pioneer in remote sensing and geoinformation science research in China. The University conferred upon Professor Chen the degree of Doctor of Science, *honoris causa*, in recognition of his excellent contributions to the advancement of science and higher education and his generous advice given to the The Chinese University in its geoinformation science research.

For the citation, please go to www.cuhk.edu.hk/ipro/pressrelease/061207Chen_e.pdf.

The late Dr. the Honourable Fok Ying-tung, Henry

The late Dr. the Honourable Fok Ying-tung, Henry, was Vice-Chairman of the Political Consultative Committee of the People's Republic of China, a distinguished entrepreneur and philanthropist. He had made significant contributions towards the development of Hong Kong and rendered staunch support to The Chinese University. Dr. Fok had expressed his willingness to accept an honorary degree from the University, therefore the University conferred upon Dr. Fok posthumously the degree of Doctor of Laws, *honoris causa*.

For the citation, please go to www.cuhk.edu.hk/ipro/pressrelease/061207Fok_e.pdf.



Dr. Ho Tzu-cho, David

Dr. Ho Tzu-cho, David is the Chairman of The S.H. Ho Foundation, a distinguished banker and philanthropist. The University conferred upon him the degree of Doctor of Social Science, *honoris causa*, in recognition of his impressive contributions towards the development of education and medical services in Hong Kong as well as his generous support rendered to the academic and research development of The Chinese University.

For the citation, please go to www.cuhk.edu.hk/ipro/pressrelease/061207Ho_e.pdf.

The Honourable Chief Justice Li Kwok-nang, Andrew

The Honourable Chief Justice Li Kwok-nang, Andrew of the Court of Final Appeal of the Hong Kong Special Administrative Region was conferred the degree of Doctor of Laws, *honoris causa*, by the University in recognition of his remarkable accomplishments in ensuring an independent and effective judicial system in Hong Kong, his excellent contribution to the development of higher education in Hong Kong and for his generous support and advice given to The Chinese University over a very long period of time.

For the citation, please go to www.cuhk.edu.hk/ipro/pressrelease/061207Li_e.pdf.



Professor Yao Chi-chih, Andrew

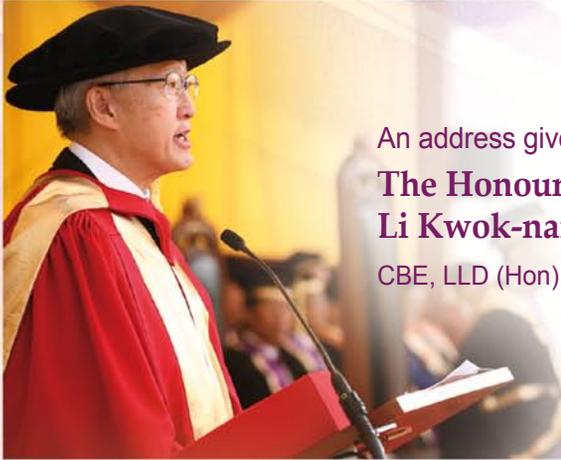
Professor Yao Chi-chih, Andrew, Turing Award winner in 2000, is an eminent scholar in computer science. He has been a Distinguished Professor-at-Large of The Chinese University since 2005. The University conferred upon Professor Yao the degree of Doctor of Science, *honoris causa*, in recognition of his outstanding contributions to the advancement of information technology and his advice rendered to the computer science and mathematics research of The Chinese University.

For the citation, please go to www.cuhk.edu.hk/ipro/pressrelease/061207Yao_e.pdf.

Professor Wu Guanzhong

Professor Wu Guanzhong (*right 2*), a great master of Chinese painting, is one of the few Chinese artists who has established a reputation both in China and the West. In recognition of his remarkable achievements in art, and his generous contributions of his expertise towards the development of the Department of Fine Arts and the Art Museum of The Chinese University, the University conferred upon Professor Wu the degree of Doctor of Literature, *honoris causa*. As Professor Wu was unable to attend the ceremony due to personal reasons, Professor Lawrence J. Lau made a trip to Beijing in December 2006 to personally present the certificate to Professor Wu.

For the citation, please go to www.cuhk.edu.hk/ipro/pressrelease/061207Wu_e.pdf.



An address given by

**The Honourable Chief Justice
Li Kwok-nang, Andrew**

CBE, LLD (Hon), DLitt (Hon), MA, LL.M, QC, JP

On behalf of my fellow honorary graduates and myself, I wish to express our deep gratitude to the University for the high honours which have been conferred on us and for the kind and generous citations. We receive the award with humility and we are proud to be admitted to the rank of honorary graduates of this distinguished university. It is an award which we shall treasure.

It gives me particular pleasure to receive the award from this university. I was privileged to have been involved in the expansion of tertiary education in late 1980's and early 1990's as chairman of the committee now known as the University Grants Committee. With rapid growth, the tertiary institutions faced many difficult challenges. I witnessed how The Chinese University rose to meet the challenges successfully. In the last two decades, its development has been truly impressive.

With its global vision and its mission to combine tradition with modernity and to bring together China and the West, the University is a unique institution and makes an invaluable contribution. The University must be congratulated on what it has achieved. I am confident it will go from strength to strength and I wish it every success in its endeavours.

On this happy occasion, I would like to offer some remarks to our young graduates at both first degree and postgraduate levels. First

of all, I wish to offer them my sincere and heartiest congratulations. I am sure that the graduating students will agree with me when I say that you owe a great debt of gratitude to your families and your teachers for their unstinting support and wise guidance. It is a debt of honour which I am sure you will never forget. They must be very happy today and have every reason to be proud of your achievements. To them, I also wish to extend my congratulations and best wishes.

The body of alumni is a most important stakeholder of any university and can provide it with invaluable support. You have received much from the University and I trust that you will do your part to contribute to the development of your alma mater in future years.

It is now over three decades since I started my working life after graduation from university and the completion of professional training. In the late 1960's and the early 1970's, the world was very different from what it is today. World affairs were dominated by the Cold War. Major events included the Six-Day War in the Middle East and the Vietnam War. China was at the height of the Cultural Revolution and was closed to the outside world. The first human heart transplant was carried out. Man set foot on the moon for the first time. I use 'man' advisedly since no woman was on that flight. Compact discs were unknown, let alone personal computers and the internet. Stars

like Elizabeth Taylor and Maggie Smith were Oscar winners and the Beatles and the Rolling Stones were the fashion of the day. Hong Kong was a colony with an appointed legislature. Our economy was based on manufacturing and our currency was pegged to the pound sterling. The Lion Rock Tunnel was only open in 1967 followed by the Hunghom Cross-Harbour Tunnel in 1972.

Those somewhat idyllic times are long past. The last three decades have seen the most momentous changes in the world. We have seen massive and the most amazing advances in science, technology and medicine and in every field of human endeavour. And there have been sea changes in the geopolitical landscape. The Cold War is over. The Soviet and Eastern Bloc has disintegrated. European Union is growing. Asia has become an area of strong growth. Our motherland, China, has emerged as a modern and strong nation. And our homeland, Hong Kong, now an international financial centre, has been re-unified with her.

Youth is the trustee of posterity. By the time the graduating students of today reach my stage of life, we will be in the 2040's. What will the world be like then? What does the future hold? Looking into the future, we can only be certain of one thing. The pace of change in all fields is likely to accelerate. So, how can we, particularly our young people, prepare ourselves for the exciting challenges ahead?

First, we must believe in and practise learning for life, so as to ensure that we would have the knowledge and skills required from time to time. Success, and indeed survival, would depend on the life-long pursuit of education in all respects. Things taught at schools and universities are not an education but only a means to an education and there are no limits and boundaries to learning. And we must be keen to continue to learn from experience in the university of life.

Secondly, creativity and innovation will be of pivotal importance to human progress. We

must approach all things with an inquisitive and open mind. We must always ask 'why' and explore new answers and solutions. The world will be increasingly globalized. But of even greater importance than globalization in terms of trade and services is the global market place of ideas, which has no boundaries and will continue to thrive. We must challenge orthodoxy and must never take things for granted. We must be flexible and must be prepared to try out new ideas.

Thirdly and most importantly, amongst rapid and accelerating changes, it is of fundamental importance that our values and principles should remain constant and that we should have the strength of character to live by them:

- Abide always by the enduring values of honesty and integrity.
- Strive always for excellence. Make no compromises with mediocrity. Seize every opportunity for it may well not knock again.
- Have faith and courage to tackle what life throws at you. As you progress through life's journey, there will be many ups and downs. Sometimes, the sun will shine on you. But at other times, life can be stormy. Sometimes, the sailing will be plain. At other times, the territory will be rugged. It is important always to move on, with the determination to overcome adversity. 'For sweet are the uses of adversity' as Shakespeare pointed out.
- Remember that we make a living by what we get. But we make a life by what we give. Be generous and ready to share with others and have the welfare of the under-privileged in mind.

Ships are safe anchored in the harbour. But this is not what ships are made for. With the excellent education you have received here, graduates of this distinguished university are well prepared to continue on life's journey and to face life's many challenges. I wish you every success and happiness.

Thank you. Good health and good fortune to you all. 

New Colleges

Renowned College Masters and a Green Environment

The Council of The Chinese University of Hong Kong announced on 15 August the appointment of Prof. Sir James Mirrlees and Prof. Samuel Sun Sai-ming as the Masters-Designate of its two new colleges — Morningside College and S.H. Ho College. Prof. Mirrlees is a Nobel Laureate in Economic Sciences while Prof. Sun is a world authority on plant molecular biology.



**Prof. Sir James Mirrlees,
Morningside College Master-Designate**

Prof. Sir James Mirrlees was awarded the Nobel Memorial Prize in Economic Sciences in 1996 in recognition of his fundamental contributions to the economic theory of incentives under asymmetric information. He was knighted in 1997.

Prof. Mirrlees studied at the University of Cambridge and has taught at the Universities of Oxford and Cambridge for more than 40 years. Oxford and Cambridge were the pioneers of the college system, which has been in place for over 800 years. Prof. Mirrlees fully appreciates the benefits of non-formal education within a college system. In colleges, he says, strong and valuable friendships are formed that continue for the rest of life.

As Distinguished Professor-at-Large at CUHK, he provides academic leadership for the University community. He also delivers public lectures. Prof. Mirrlees identifies with the educational ideals of Morningside College, which are the pursuit of knowledge and service to the community. He believes that 'a good college should within itself generate discoveries, creations and new understanding'.



**Prof. Samuel Sun Sai-ming,
S.H. Ho College
Master-Designate**

Currently professor of biology at CUHK, Prof. Samuel Sun is the first scientist in the world to clone a plant gene. He is also the principal investigator of a UGC-supported Area of Excellence project entitled 'Plant and Fungal Biotechnology', which has made important contributions to solving the world's food shortage problem. Prof. Sun is a member of the Chinese Academy of Engineering.

Prof. Sun is gratified to know that the mission of S.H. Ho College is to cultivate commitment to personal responsibility and integrity.

College Missions and Mottos

Prof. Sir James Mirrlees and Prof. Samuel Sun met the press on 21 and 24 September respectively to introduce the college mottos and missions. The two new colleges have a common mission to foster an intimate and collegial community where students learn, share and grow together intellectually. Both are fully residential with communal dining facilities.

Sites That Exemplify Sustainable Development

The Executive Committee of the Council of The Chinese University of Hong Kong accepted the recommendations of the Campus Planning and Building Committee and the Planning Committees for Morningside College and S.H. Ho College to site these new colleges at a central location on campus.

The two planning committees will continue to refine the architectural design, the learning and recreational facilities, the appearance of the campuses, and their ecological aspects.

The two college sites will occupy a land area of 13,200 square metres; the land area per student will be comparable to that of the existing colleges. Each college will have its own distinctive campus. Built against a lush hillside and commanding a view of Tolo Harbour, the colleges will blend with the natural environment. The two colleges will form a cluster of buildings to promote exchange and make the best use of resources. There will be enough land to build hostels, dining halls, fitness rooms, small theatres, reading rooms, common rooms, as well as courtyards and walks. The overall design and environment will cater for fully residential colleges with communal dining, with invigorating yet comfortable surroundings suitable for living and learning.

Morningside College

Morningside College is established with a generous HK\$100 million donation from The Morningside Foundation and Morningside Education Foundation. The college will accommodate 300 students and the college motto is 'Scholarship Virtue Service'.

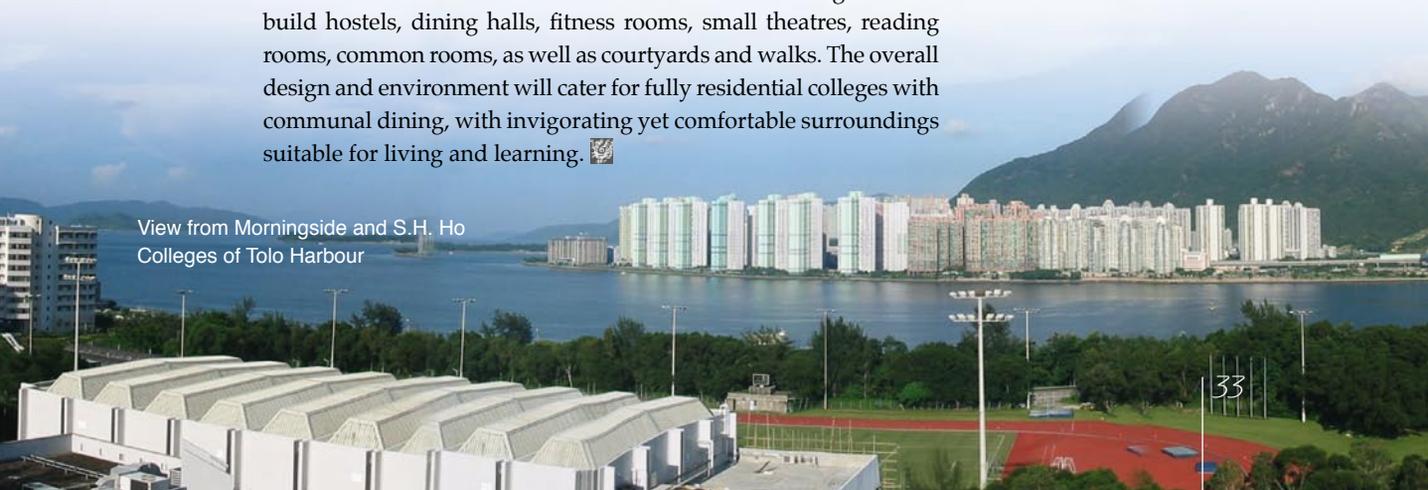
S.H. Ho College

S.H. Ho College is made possible by a magnanimous donation of HK\$170 million from The S.H. Ho Foundation. Its motto is 'Culture Morals Devotion Trustworthiness' and it will accommodate 600 students.



The sites of Morningside College and S.H. Ho College

View from Morningside and S.H. Ho Colleges of Tolo Harbour



Momentous Significance for Hong Kong Legal Education

Official Inauguration of the School of Law



The appearance of The Honourable Chief Justice Andrew Li as officiating guest and keynote speaker at the dedication of the School of Law of The Chinese University on 9 November 2006 signified a very important day in the legal development of HKSAR. On this special day, the School of Law and its founding group of students were formally inaugurated.

The dedication ceremony was marked by the conferment of honorary professorships on three of the most distinguished lawyers in the Common Law world: Dr. The Honourable Sir T.L. Yang (*left*), GBM, JP, former Chief Justice in Hong Kong; Prof. Sir David Williams (*middle*), QC, DL, former Chancellor of the University of Cambridge; and The Right Honourable The Lord Woolf of Barnes (*right*), former Chief Justice of England and Wales, and currently a non-permanent member of Hong Kong's Court of Final Appeal.





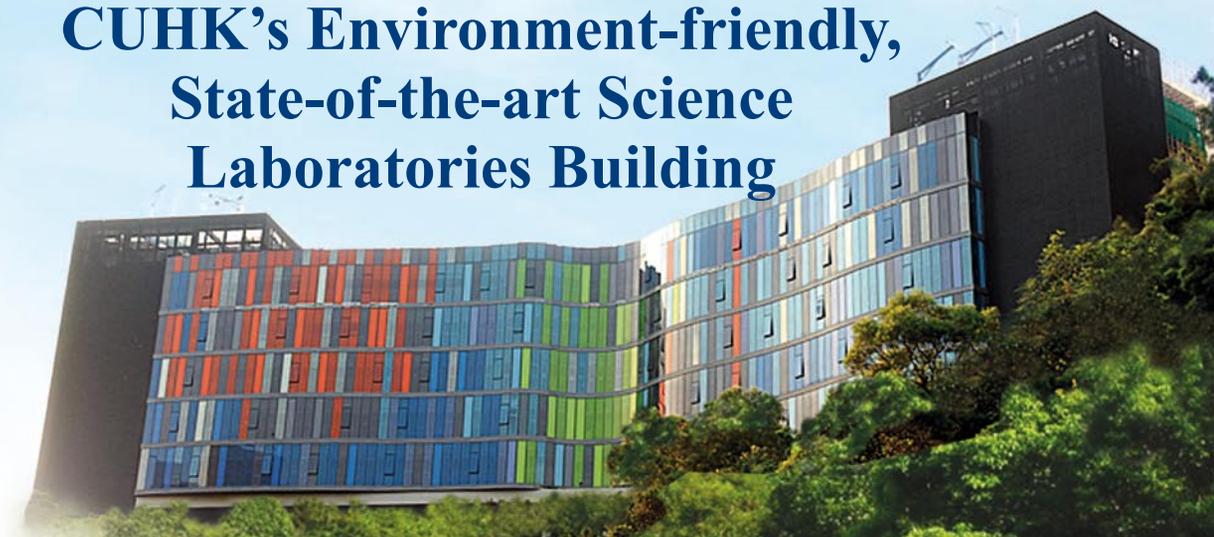
(From left) Peter Lo, President of the Law Society of Hong Kong; Michael Stone, Secretary-General of the University Grants Committee; The Honourable Wong Yan Lung, Secretary for Justice; The Honourable Chief Justice Andrew Li; Professor The Honourable Arthur Li, Secretary for Education and Manpower; Philip Dykes, SC, Chairman of the Bar Association of Hong Kong; and Dr. Edgar Cheng, Chairman of the University Council

Distinguished guests representing various branches of the legal profession, government and higher education placed items of symbolic significance into the school's chest which will be kept on display in the school. These included a barrister's wig by The Honourable Chief Justice Andrew Li, a copy of the Basic Law by The Honourable Wong Yan Lung, Secretary for Justice, a scroll bearing the names of the founding students of the school by Professor The Honourable Arthur Li, Secretary for Education and Manpower, a copy of the Academic Development Plan by Michael Stone, the Secretary-General of the University Grants Committee, the Bar Association Crest by Philip Dykes, SC, Chairman of the Bar Association of Hong Kong, the Law Society Plate by Peter Lo, President of the Law Society of Hong Kong, and a copy of the Council Minutes by Dr. Edgar Cheng, Chairman of the University Council.

In attendance at the ceremony were distinguished guests from around the world, including world-famous lawyers from Hong Kong and abroad, as well as friends and supporters. A range of activities were organized including a Law School open house, public lectures and an education forum. 📷



CUHK's Environment-friendly, State-of-the-art Science Laboratories Building



The Chinese University of Hong Kong is committed to enhancing the quality of its research. To support its strategic research development, CUHK has built a Centralized Science Laboratories Building for pioneering scientific and medical research. The new building is fitted out with cutting-edge facilities for research needs and a variety of energy-conserving designs.

Centralized Science Laboratories Building: CUHK's Latest Research Booster

The Chinese University of Hong Kong is equipped with world-class research facilities enabling teachers and graduate students to pursue excellence in both research and teaching. In recent years, advanced and strategic interdisciplinary research projects have flourished with the birth of many research institutes and centres. The number of research staff has also increased. To maintain our edge and achieve greater excellence, the University needs to upgrade its present infrastructure to provide a quality environment to our researchers. A number of new facilities are under construction on campus. Among them, the Centralized Science Laboratories Building on Central Campus will complement the University's strategic research developments. The building will provide state-of-the-art laboratory facilities to foster the development

of advanced and strategic research for many outstanding research areas, including the biomedical sciences.

Providing Ample Research Space

The six-storey Centralized Science Laboratories Building has a total gross floor area of 11,000 square metres. It is built in harmony with the natural terrain, on a hillside on Central Campus, overlooking Tai Po Road to the south and connected to the Science Centre to the north. Five storeys of the building will house purpose-designed laboratory facilities. The building will provide over 70 state-of-the-art laboratories capable of handling advanced research for the Science and Medical Faculties, as well as comprehensive complementary facilities.

Innovative Design in Harmony with Natural Terrain

The building's design complements the natural terrain. It is innovative, combining energy conservation and environmental protection. The undulating curve of the southern façade is composed of storey-high, coloured, laminated glass which can control heat gain and reduce air-conditioning load in the interior. Researchers inside the laboratories can enjoy a panoramic view of Tai Po Road and Tolo Harbour, thereby creating a dynamic

and comfortable working environment. The high light transmission factor of the glass offers natural light, reducing the need for artificial lighting during day time. Abstract colour patterns in the exterior are inspired by the periodic table which uses different colours to categorize chemical elements, symbolizing the importance of science to mankind. When light hits the façade at different times of the day, it creates different beautiful reflections.



Storey-high, insulated glass units on the southern façade of the Centralized Labs

Funding from the government for the construction of the Centralized Science Laboratories Building was secured in 2002. A Building Committee was set up and an architectural consultant was appointed to provide the design and recruit contractors. The present design was selected after careful consideration of the building's functions, the terrain and the surrounding environment, and it was endorsed by the Campus Planning Committee. The project is now at the stage of exterior and interior furnishing. With its completion at the end of this year, it will become a new CUHK landmark, bringing a breath of fresh air to Central Campus.

First Building with Segregated Corridors for Safety and Energy Conservation

Environmental protection has always been a major consideration of the University's campus development projects. The Centralized Science Laboratories Building is Hong Kong's first laboratories building with an innovative

design concept that segregates corridors into 'clean' and 'dirty'. Offices are also segregated to make sure staff use 'clean' corridors. The ventilation system has a 'smart' control facility to ensure safety and to provide a pleasant teaching and research environment.

Different zones of the building all have independent pressure control systems. Laboratories are kept in a state of negative pressure to prevent airborne hazards from



A laboratory in the building

spreading to public areas such as corridors. Laboratories are equipped with up to over 130 fume cupboards and biosafety cabinets for research purposes. All these cupboards and cabinets are exhausted through a dedicated fast-response-type air valve, which can adjust airflow control to suit changing operating environments within an extremely short period of time. On the roof are high-plume type fume exhaust fans for the safe discharge of chemical fumes.

The laboratories are fitted with an emergency control system. When activated, ventilation will run in full fresh air mode, exhaust power will increase, and the zoning alarm will sound immediately, alerting people not to enter the affected laboratories.

To conserve energy, a variable air volume design is adopted for the air-conditioning system and the fume cupboards of the laboratories. There are also heat exchangers for fresh/exhaust air to further save energy. 



CUHK Proves Top Choice of Top Students in 2006 Admissions Exercise

The Chinese University of Hong Kong continues to be the university of choice for Hong Kong's best students. The 2006–07 admissions exercise has once again demonstrated the University's ability to attract students of the highest calibre and talent across different categories of applicants.

Local Intake

JUPAS

This year CUHK made a total of 2,367 admission offers through the Joint University Programmes Admissions System (JUPAS). Among the 1,000 JUPAS entrants with the highest average grades in HKCEE and HKALE, 500 were enrolled at CUHK, which is half the sum of all local tertiary institutions (*Figure 1*). CUHK also admitted the largest share of both first-choice and Band A JUPAS applicants among all tertiary institutions in the territory. Of the students admitted, 98% or 2,319 students, were Band A applicants; while 31% or 1,505 students, were first-choice applicants (*Figure 2*).

CUHK also admitted the highest number of students receiving 4As or more in the Hong Kong Advanced Level Examination (HKALE) in three years — a total of 24. This includes one student with 6As majoring in Professional Accountancy. They were all awarded a full-fee matriculation scholarship. The candidates with 6As in the HKALE was Yam Shu Jun, who

was admitted to the Professional Accountancy Programme. The winner of the gold award at the International Mathematical Olympiad in both 2005 and 2006, Tsoi Yun Pui, was admitted to the Mathematics Programme. He had given up an offer from another university through the Early Admissions Scheme last year so he could study at the CUHK Department of Mathematics. This testifies to the quality of the University's programmes and its appeal for prospective students of great competence and promise.

Early Admissions and Other Schemes

In the 2006–07 exercise, CUHK also admitted, through the Early Admissions Scheme, the highest number of outstanding Secondary Six students among the three institutions participating in the scheme — a total of 181. Eight of these students had obtained 10As or 9As in HKCEE. And of the 86 students selected for admission from the 493 applicants under the School Principal's Nomination Scheme, were recipients of the Sir Edward Youde Memorial Prize, the champion of the International Triathlon Tournament (Youth Section), the champion of the Hong Kong Interschool Basketball Marathon Tournament, winners of interschool or regional sports contests, as well as social service enthusiasts. CUHK admitted 48 students out of 3,337 applicants under the Self-recommendation Scheme.

Mainland Intake

Unified National Colleges Admissions System

A total of 240 outstanding Mainland undergraduates were admitted through the Unified National Colleges Admissions System, including the top scorers in Guangdong, Guangxi, Jiangxi and Shandong. In the 14 provinces and municipalities which provided ranking information (the number of candidates in these provinces/municipalities ranges from 0.1 to 0.7 million), 15 students admitted by CUHK rank among the top 10, and 47 students rank within the top 500. The English proficiency of these students is particularly impressive, with 10 students scoring above the 95th percentile and the average score above the 88th percentile on the English paper.

Non-local Admission

In our commitment to broadening our student mix and maintaining a multicultural campus, CUHK sets its sights beyond Hong Kong. This year, we admitted 300 non-local undergraduates from 20 Mainland provinces and municipalities, as well as countries and regions all over the world, including Indonesia, Italy, Japan, Macau, Malaysia, Mexico, Mauritius, Singapore, Slovakia, South Korea, Spain, Taiwan, the UK and the US. The average scores of Mainland students admitted were higher, by about 50 to over 150 points, than the cut-off scores of those key universities in all 20 Mainland provinces and municipalities (Figure 3).

In terms of international recruitment, the number of applications almost doubled this year while the number of enquiries soared by 125% from last year. The Mainland recruitment exercise also underwent a promising 25% increase in the number of enquiries received, from last year.

Programmes with the Best Admission Results

For the JUPAS intake, the five CUHK programmes with the best admission results were Global Business Studies; Medical Studies; Quantitative Finance; Insurance, Financial and Actuarial Analysis; and Risk Management Science. In terms of results of the best applicants admitted, the top five programmes were Professional Accountancy, Translation, Journalism and Communication, Music, and Global Business Studies, with students admitted having scored close to full points in the HKALE.

Commitment to Excellence

The 2006 recruitment figures bode very well for the future of the University. Through the concerted effort of all its members, CUHK will continue to attract Hong Kong's elite students by virtue not only of its academic supremacy, but its bilingual and multicultural tradition, and its global vision. 

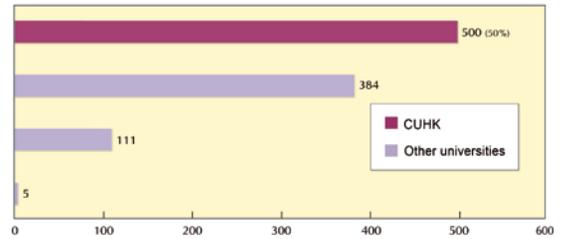


Figure 1: JUPAS entrants with the highest average grades in HKCEE and HKALE

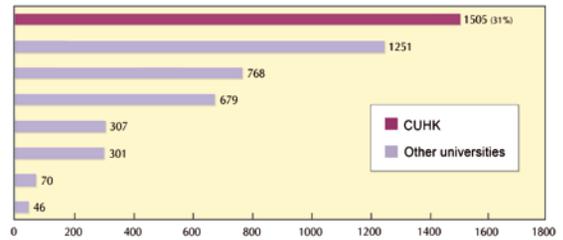
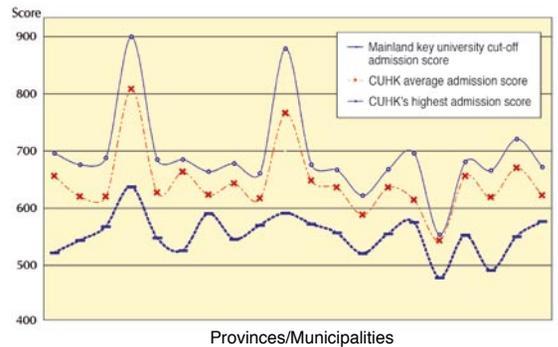


Figure 2: Number of first-choice JUPAS applicants admitted in 2006



* Full score of the Mainland university examination was 750, with the exception of three provinces/municipalities, whose scores were 900 and 630.

Figure 3: Admission scores of Mainland undergraduates 2006

Ranking	Programme
1	Global Business Studies
2	Medical Studies
3	Quantitative Finance
4	Insurance, Finance & Actuarial Analysis
5	Risk Management Science
6	Professional Accountancy
7	Pharmacy
8	Journalism & Communication
9	Translation
10	Psychology

Figure 4: Top 10 CUHK programmes in the 2006 admissions exercise



News in Brief

Appointments

Reappointment of Council Chairman

The University Council re-nominated Dr. Edgar W.K. Cheng as Chairman of the Council for a further period of three years from 24 October 2006.

Reappointment and Appointment of Council Members



- Prof. Leung Yee (*left*), professor of geography, has been elected by the Senate as member of the Council from 16 August 2006 to 31 July 2007, succeeding Prof. H.C. Kuan.
- Mr. Chien Lee has been reappointed as member of the Council for a further period of three years from 27 November 2006.
- Dr. Ho Tzu-leung (*right*), has been elected by the University Council as a member for a period of three years from 21 January 2007, succeeding Mr. Paul M.F. Cheng.

Reappointment of Pro-Vice-Chancellor

Prof. Jack C.Y. Cheng has been reappointed as Pro-Vice-Chancellor of the University from 1 October 2006 to 30 September 2008.

Re-election of Faculty Dean

Prof. John Lee has been re-elected Dean of Education for three years from 1 August 2006.

Emeritus Professors

The University Council awarded the title of emeritus professor to each of the following professors of the University:

From 1 August 2006

- Prof. P.C. Leung, as Emeritus Professor of Orthopaedics and Traumatology
- Prof. Patrick Y.D. Wong, as Emeritus Professor of Physiology
- Prof. Kuan Hsin-chi, as Emeritus Professor of Government and Public Administration

From 16 August 2006

- Prof. Robert Leslie Jones, as Emeritus Professor of Pharmacology
- Prof. Thomas C.W. Mak, as Emeritus Professor of Chemistry

From 18 October 2006

- Prof. Li Wai-kee, as Emeritus Professor of Chemistry



Prof. P.C. Leung



Prof. Patrick Y.D. Wong



Prof. Kuan Hsin-chi



Prof. Robert Leslie Jones



Prof. Thomas C.W. Mak



Prof. Li Wai-kee

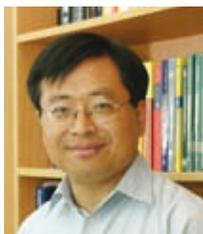
Professorial Appointments



Professor of Translation

Prof. Laurence Wong Kwok Pun has been appointed professor of translation from 1 August 2006.

Prof. Wong received his Ph.D. from the University of Toronto in 1992, and had taught at The University of Hong Kong and York University. Prior to joining CUHK, he was head of the Department of Translation of Lingnan University.



Professor of Systems Engineering and Engineering Management

Prof. Zhou Xunyu has been appointed professor of systems engineering and engineering management from 1 August 2006.

Prof. Zhou obtained his B.Sc. in mathematics and his Ph.D. in operations research and control theory from Fudan University in 1984 and 1989 respectively.



Professor of Physiology

Prof. Chan Hsiao Chang has been appointed professor of physiology from 1 August 2006.

Prof. Chan received her Ph.D. from the University of Illinois in 1988. She was a postdoctoral fellow at the University of Chicago prior to joining CUHK.



Professor of Clinical Oncology

Prof. Anthony Chan Tak-cheung has been appointed professor of clinical oncology from 1 August 2006.

Prof. Chan obtained his MD from CUHK in 1998. He had practised in the UK prior to joining The Chinese University in 1994.



Professor of Medicine and Therapeutics

Prof. Lawrence Wong Ka-sing has been appointed professor of medicine and therapeutics from 1 August 2006.

Prof. Wong obtained his Doctor of Medicine from the University of New South Wales in 1999. He was a Croucher Foundation Fellow and he joined CUHK in 1993.



Professor of Chemistry

Prof. Xie Zuowei has been appointed professor of chemistry from 1 August 2006.

Prof. Xie obtained his Ph.D. from the Technische Universität Berlin/Shanghai Institute of Organic Chemistry. He had worked for the Shanghai Institute of Organic Chemistry and the University of Southern California prior to joining The Chinese University.

Professor of Management

Prof. Kenneth S. Law has been appointed professor of management from 1 September 2006.

Prof. Law obtained his Ph.D. from the University of Iowa in 1990. He had taught in the US and Australia and was a professor at the School of Business and Management of the Hong Kong University of Science and Technology prior to joining CUHK.



Professor of Pharmacy

Prof. Vincent H.L. Lee has been appointed professor of pharmacy from 4 September 2006.

Prof. Lee obtained his Ph.D. from the University of Wisconsin in 1979. He had taught at the University of Southern California, and had been an associate director of the Office of Pharmaceutical Science, Center for Drug Evaluation and Research, Food and Drug Administration in the US.



Professor of Philosophy

Prof. Shun Kwong-loi has been appointed professor of philosophy from 2 January 2007.

Prof. Shun received his M.Phil from the University of Hong Kong in 1978, his B.Phil. from the University of Oxford in 1982 and his Ph.D. from Stanford University in 1986.

Prof. Shun had taught at UC Berkeley and was professor of philosophy and East Asian studies at the University of Toronto prior to joining CUHK. He was also Vice-President of the University of Toronto and Principal of the University of Toronto at Scarborough.



Honorary Professors



Honorary Professor of Faculty of Engineering

Prof. Ma Songde, Vice Minister of Science and Technology of China has been inaugurated as Honorary Professor of the Faculty of Engineering from 1 September 2006.

Prof. Ma Songde obtained his B.S. in automatic control from Tsinghua University in 1968. He received his Ph.D. in 1983 and Doctorat d'Etat ès Science degree in 1986 from the University of Paris VI in image processing and computer vision.



Honorary Professor of Medicine

Prof. Louis J. Ignarro, 1998 Nobel Laureate in Physiology or Medicine, has been conferred the title of Honorary Professor of Medicine by the University from 12 September 2006.

Prof. Ignarro received a B.Sc. degree in pharmacy/chemistry from Columbia University in 1962, and a Ph.D. degree in pharmacology/physiology from the University of Minnesota in 1966. He is currently the Jerome J. Belzer, MD, Distinguished Professor of Pharmacology at the UCLA School of Medicine.

Honours and Recognition

- The Library of Congress of the United States has named Prof. Yu Ying-shih, who is widely respected throughout the Chinese-speaking world for his work on the history of Chinese philosophy, as a senior distinguished scholar in the John W. Kluge Center at the Library of Congress.



Prof. Yu graduated from New Asia College of The Chinese University of Hong Kong and received his doctorate in history from Harvard University in 1962. He has had a distinguished career as a researcher, historian and teacher at Harvard, Yale, the University of Michigan and The Chinese University of Hong Kong. At the time of his retirement in 2001, he was the Gordon Wu Professor of Chinese Studies and professor of history and East Asian studies at Princeton University.

- Four professors of The Chinese University, have been named IEEE Fellow, in recognition of their extraordinary accomplishments in the engineering fields. They are Prof. Robert Li, Department of Information Engineering; Prof. Wang Jun and Prof. Michael Wang, Department of Mechanical and Automation Engineering; and Prof. Y.T. Zang, Department of Electronic Engineering. Prof. Y.T. Zhang also received the 2006 IEEE-EMBS Service Award for his exceptional and meritorious service to the Engineering in Medicine and Biology Society (EMBS).

(From left) Prof. Michael Wang, Prof. Wang Jun, Prof. Robert Li and Prof. Y.T. Zhang



- Prof. Michael Rung-Tsong Lyu of the Department of Computer Science and Engineering has been awarded a fellowship by the American Association for the Advancement of Science (AAAS), the world's largest general scientific society, for his contributions to software reliability. Prof. Lyu is currently the only AAAS fellow in Mainland China and Hong Kong.



- Prof. Chan Ngai-hang, professor of statistics and Chairman of the Department of Statistics was named fellow of the American Statistical Association for his contributions to statistical research, education, and application. Prof. Chan is the only teaching member of Hong Kong's academic institutions to receive the honour this year.

- Dr. Sun Chao, postdoctoral fellow of the Department of Physics, has been awarded the 2006 Hong Kong Young Scientist Award for Physical/Mathematical Science by the Hong Kong Institution of Science (HKIS). Together with his supervisor, Prof. Xia Keqing of the Physics Department, Dr. Sun studies the properties of convective thermal turbulence, a phenomenon occurring ubiquitously in nature. Dr. Sun's research has settled several long-standing key issues in the field and has had profound implications on problems in diverse fields such as atmospheric science, oceanography, geophysics, and astrophysics.

Dr. Sun Chao (left) and his supervisor Prof. Xia Keqing



- Apprentice of the Buildings Services Section (Electrical Appliances) of the Estates Management Office (EMO) Wong Chi-wing was the champion of two youth skills competitions. He won the Hong Kong Youth Skills Competition on 8 and 9 July 2006, and the electrical installation category of the Fourth Guangzhou/Hong Kong/Macau Youth Skills Competition on 5 November.

- Works Supervisor I of the EMO's Building Services Section (Robotics), Lee Chung-ho, was appointed by the Daily Hardware Committee of Experts of the Ministry of Science and Technology as a committee member for five years. As a committee member, he provides professional advice and gives talks and training.



Research

CUHK Develops Environmentally Friendly Automobiles

On 3 November, the University announced the development of an Intelligent Omni-directional Hybrid Electric Vehicle, an environment-friendly car of the next generation that will help to clean up our sky.

The project was led by Prof. Xu Yangsheng, professor of automation and computer-aided engineering. The project was made possible by the support of the

Innovation and Technology Fund (ITF) and collaboration among the parties involved including CUHK, the government, industry and research units in Hong Kong and the Mainland. One of the industrial partners sponsoring the project, Shanghai Maple Automobile Co. Ltd., plans to produce the Hybrid Electric Vehicle in about two years' time.



(From left) Mr. Donald Tsang, Chief Executive, Prof. Lawrence J. Lau, Prof. Xu Yangsheng, and Prof. Yam Yeung

New System for Fast Design and Production of Chinese-style Computer Games

The Department of Mechanical and Automation Engineering announced the completion of an advanced 3D game development system named Curvair. One major breakthrough introduced by Curvair is the use of Curve-Pair Based Axial Representation developed by Prof. K.C. Hui from the department.

The project has received funding support from China Game Publishers' Association (Hong Kong), Gameone Online Entertainment Group Limited, and the Innovation and Technology Fund (ITF). The Hong Kong Productivity Council and



Prof. K.C. Hui (right 2), Mr. Vincent Yeung (right 1) and members of the Curvair team

Digital Entertainment Industry Support Centre (ISC) also help to promote Curvair to local industry.

CUHK-led Research Projects Receive Funding

The Hong Kong Jockey Club has launched a project with an endowment of over HK\$100 million to help dyslexic students. The project comprises research and development of assessment tools and training of Chinese language teachers at primary schools. It also covers the provision of school-based and district-based support and the development of learning packages.

A team led by Prof. Cheng Pui-wan of the Faculty of Education will be in charge of the five-year teacher development programme. The club has approved more than HK\$35,000,000 for teacher development.

It is expected that six to eight Chinese language teachers from each primary school will take part in the training and more than 5,000 teachers will be trained in the five-year period.



Prof. Cheng Pui-wan (right 3) of the Faculty of Education and her teacher development team

Led by the University's Institute of Chinese Medicine and in collaboration with five local universities, the project 'Modernization of Chinese Medicine: From Clinical Efficacy to Drug Production — Two Innovative Formulae for Comprehensive Research' has received

funding of HK\$10 million from the Innovation and Technology Commission (ITC). The project deals with two clinical problems: sleep disorder and post-stroke rehabilitation. This is the first time that ITC supports a research project involving six universities.

HK\$ 9 million by Planning Department to Study Hong Kong's Wind Environment

Prof. Edward Ng, professor in the Department of Architecture, has been awarded a research contract of HK\$ 9 million by the Planning Department of the HKSAR. The three-year project, entitled 'Urban Climatic Map and Standards for Wind Environment – Feasibility Study', is a follow-up to Ng's 'Feasibility Study for the Establishment of Air Ventilation Assessment

Systems' of 2003. The air ventilation study has also won this year's Professional Green Building Council (PGBC) Grand Award – Research and Planning Studies Category.

The project will create an urban climatic map of Hong Kong and conduct tests, surveys and field measurements in order to set up a wind and air ventilation standard for Hong Kong.

RGC Research Grants 2006–2007

A total of 187 research proposals submitted by academic and research staff of the University have been awarded earmarked grants totalling HK\$111.68 million from the Research Grants Council (RGC) this year. The University also received a direct allocation of HK\$14.12 million to finance small projects.

For 2006–07, the government has made available some HK\$489.33 million for selected research proposals submitted by academic and research personnel in UGC-funded tertiary institutions and HK\$65 million for direct allocation to the institutions to finance small projects.

The 187 CUHK projects selected for earmarked grants fall into four subject disciplines: biology and medicine (60); engineering (48); physical sciences (32); and the humanities, social sciences and business studies (47).



Research Grants Totalling HK\$35.8 million for 61 Projects

Grants totalling some HK\$35.8 million from various local and overseas sponsors for projects undertaken by CUHK researchers were recorded during the period July to December 2006:

Sponsors	Amount Involved (HK\$)	Number of Projects Supported
Australian and New Zealand College of Anaesthetists Research Project Grant	515,941.66	2
Cantonese Opera Development Fund	83,600	1
Council for the AIDS Trust Fund	1,817,429	3
France/Hong Kong Joint Research Scheme	172,100	4
Germany/Hong Kong Joint Research Scheme	99,600	4
Health and Health Services Research Fund	1,889,103	4
Hong Kong Arts Development Council	300,000	1
Hong Kong Lung Foundation Research Grant Award	50,000	1
Incentive Scheme for Developing Instructional Software	255,000	1
Innovation and Technology Fund	9,386,228	10
NSFC-RGC Joint Research Scheme	2,740,200	4
Ocean Park Conservation Foundation	138,000	1
Professional Services Development Assistance Scheme	138,000	1
Quality Education Fund	8,494,600	7
Research Fund for the Control of Infectious Diseases	9,048,650	14
S.K. Yee Medical Foundation	483,000	1
Scoliosis Research Society	601,203.39	1
Tobacco Control Office, Department of Health, HKSAR	333,850	1

Medical News

New Surgical Treatment for Morbid Obesity

Obesity is a devastating chronic disease that is becoming a major global health and socio-economic issue.

One of the traditional types of weight reduction surgery is Roux-en-Y gastric bypass (two-anastomosis gastric bypass), wherein the proximal part of



the stomach is divided and connected to the proximal small bowel by Roux-en-Y reconstruction (two-anastomosis). The University's Department of Surgery has recently introduced laparoscopic mini-gastric bypass (one-anastomosis gastric bypass) to treat morbidly obese patients in Hong Kong in January 2006. Mini-gastric bypass has been shown to be much safer with similar efficacy to Roux-en-Y gastric bypass. More importantly, operation time is shorter and the procedure is more easily performed by laparoscope. Leakage is rare with less incidence of postoperative bowel obstruction. Most patients can be discharged from the hospital within one week with full recovery of bowel function.

Breakthrough in Foetal Down's Syndrome Testing

A revolutionary approach for the non-invasive prenatal testing of Down's syndrome developed by a team led by Prof. Dennis Lo Yuk-ming from the Li Ka Shing Institute of Health Sciences of the Faculty of Medicine was reported in the latest issue of the top biomedical journal *Nature Medicine*. This research was supported by the Innovation and Technology Fund of the Hong Kong SAR government and the Chair Professorship Scheme of the Li Ka Shing Foundation.

In 1997, Prof. Lo and his research team discovered for the first time in the world the presence of foetal DNA in the blood plasma of pregnant women. This discovery has opened up new possibilities for non-invasive prenatal diagnosis.

Prof. Lo's team has managed to detect RNA molecules which are copied from a gene located on chromosome 21, and using a novel approach based on the measurement of the ratio of such RNA molecules copied from gene copies which



(From left) Prof. Rossa Chiu Wai Kwun of the Department of Chemical Pathology, Prof. Tze Kin Lau of the Department of Obstetrics and Gynaecology, Prof. Dennis Lo Yuk-ming, Director of the Li Ka Shing Institute of Health Sciences, and Dr. Nancy Tsui Bo Yin, postdoctoral fellow of the Department of Chemical Pathology

the foetus inherited from the father and mother, has achieved the non-invasive prenatal detection of Down's syndrome. In cases which can be analysed by this method, the sensitivity and specificity of the test are 90% and 96.5% respectively. These figures represent the highest yet reported for a single test. It is anticipated that with further refinement, this test will be ready for routine utilization in the next few years.

Nethersole Nursing Practice Research Unit Opens

The Nethersole Nursing Practice Research Unit (NNPRU), the first of its kind in Hong Kong, has been established by Nethersole School of Nursing with generous support from the Nethersole Endowment Fund.

NNPRU aims to provide education to nursing staff and students; develop innovative nursing practice; conduct

research to promote excellence in practice; strengthen the interface between academic and clinical settings; and provide health care services to local communities.

This initiative is made possible by collaboration with the Geriatrics and Rehabilitation Ward of the Department of Medicine and Geriatrics of United Christian Hospital.



At the opening ceremony were (from left) Prof. David Thompson, Director, Nethersole School of Nursing; Ms. Chan Yuet Kwai, nursing director, United Christian Medical Service; Mr. John K.H. Li, chairman, United Christian Medical Service; Mr. Fung Sau Chung, honorary treasurer, The Executive Committee of The Alice Ho Miu Ling Nethersole Hospital; Mrs. June Li and Mr. Li Fook Hing, members, the Executive Committee of The Alice Ho Miu Ling Nethersole Hospital and directors, United Christian Medical Service; Dr. C.C. Luk, medical director, United Christian Medical Service, and Prof. T.F. Fok, Dean, Faculty of Medicine, CUHK

Promoting Health Through Hospital-University-Community Partnership

To promote public health and enhance hospital, university and community partnership, the New Territories East (NTE) Cluster Nursing Division in collaboration with the Hong Kong Centre for Evidence-Based Nursing at The Chinese University's Nethersole School of Nursing has made available essential health education materials to assist patients and carers to manage their illness. A patients' corner 'Caring for Yourself' was set up in July and uploaded to the hospital server.

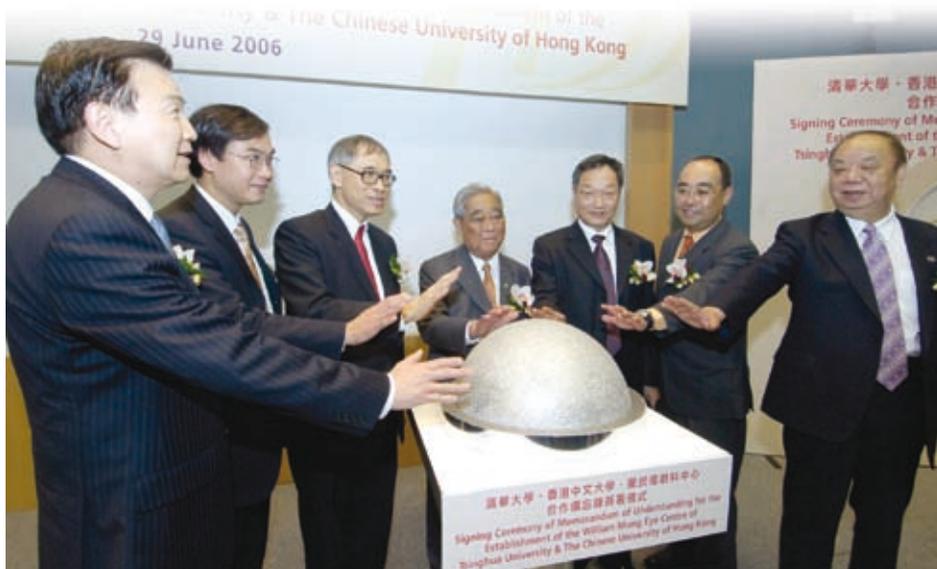
Thirty-one video clips have been produced. The content was developed by registered nurses, nurse specialists, and university nurse teachers. All Hospital Authority hospitals can now access the information in their wards for health teaching purposes. Computers have also been set up in patient support centres at Prince of Wales Hospital, Tai Po Hospital, Shatin Hospital and North District Hospital to allow patients and carers access to the patients' corner.

Activities & Events

William Mong Eye Centre Established

Shun Hing Education and Charity Fund, Tsinghua University and The Chinese University signed a memorandum of understanding and announced on 29 June 2006 their joint effort to set up the William Mong Eye Centre of Tsinghua University and The Chinese University of Hong Kong in Beijing.

The amount of funds needed to establish the Joint Eye Centre is about HK\$70 million. Shun Hing Education and Charity Fund will initially donate some HK\$30 million. The centre will be adjacent to the newly-built Affiliated Hospital of Tsinghua University. It is expected to be in full operation in mid-2008.



Officiating at the ceremony were (from left) Prof. Cen Zhangzhi, Vice-President of Tsinghua University, Prof. Dennis S.C. Lam, Chairman of the Department of Ophthalmology and Visual Sciences of CUHK, Prof. Lawrence J. Lau, Vice-Chancellor of CUHK, Dr. William M.W. Mong, chairman of Shun Hing Group, Prof. Yang Jiaqing, vice-chairman of Tsinghua University Education Foundation, Mr. David Mong, chairman of Shun Hing Education and Charity Fund, and Prof. Zuo Huancong, president of Yu Quan Hospital of Tsinghua University

State Key Laboratory in Oncology in South China Opens

The State Key Laboratory in Oncology in South China (The Chinese University of Hong Kong) officially opened on 16 November.

Located at the Sir Y.K. Pao Centre for Cancer of the Prince of Wales Hospital, the State Key Laboratory in Oncology in South China is a scientific research centre of national level focusing on cancers of high prevalence in Asia. It is the only State Key Laboratory in Hong Kong for cancer. Its establishment was formally approved by the Ministry of Science and Technology of

China in October 2006, and was built on the foundation of the University's long-established partnership with Sun Yat-sen University in cancer research, and with the support of the Education and Manpower Bureau of the HKSAR government. The Laboratory is backed by a strong clinical base, made possible by the support of the Hospital Authority and the Health, Welfare and Food Bureau of the HKSAR government. The research focus of the laboratory will be cancers which are especially threatening to the Guangdong population.



(From left) Prof. Lawrence J. Lau, Vice-Chancellor of CUHK, Mr. Anthony T.Y. Wu, chairman of the Hospital Authority; Prof. Xu Guanhua, Minister of Science and Technology; Dr. York Y.N. Chow, Secretary for Health, Welfare and Food; and Prof. Huang Daren, President of Sun Yat-sen University

CAS Joins Forces with CUHK and Shenzhen for a New Institute

The Chinese Academy of Sciences, The Chinese University, and the Shenzhen Municipal Government held a signing ceremony for the establishment of the CAS Advance Integrated Technology Institute (AITI) in Shenzhen on 22 September.

AITI is the only core research institute under the Shenzhen Institute of Advanced Technology of CAS (SIAT-CAS), which was initiated recently to feed the city's soaring number of high-tech firms. Focusing on strategic and cutting-edge research ranging from intelligent bionics, human-machine interface, computation and data simulation, auto electronics, medical equipment to precision engineering and integrated electronics, AITI is also the first research institute that is jointly sponsored by CAS and a university in Hong Kong.

Prof. Xu Yangsheng, Chairman of the University's Mechanical and Automation



(From left) Prof. Kenneth Young, CUHK Pro-Vice-Chancellor; Prof. Shi Erwei, CAS Vice-President; and Mr. Liu Yingli, Shenzhen Deputy Mayor

Engineering Department, has been appointed as the founding director of AITI.

New CUHK–Tsinghua Centre

The Faculty of Engineering of The Chinese University and the Tsinghua Shenzhen Graduate School has jointly established the Tsinghua Shenzhen Graduate School — CUHK Faculty of Engineering Joint Research Centre for Media Sciences, Technologies and Systems.

The centre will pool the expertise and research findings of both institutions. Its research areas include multimedia technology, human-computer spoken language systems, information retrieval, information security technology, embedded systems, and computer networks technology.



Prof. Guan Zhicheng (left), Dean of the Graduate School at Shenzhen, Tsinghua University and Prof. Ching Pak-chung, Pro-Vice-Chancellor of CUHK at the inauguration ceremony

New Li & Fung Institute of Supply Chain Management & Logistic Hub



(From left) Dr. William K. Fung, managing director, Li & Fung Group; The Hon. Stephen Ip, Secretary for Economic Development and Labour; and Prof. Lawrence J. Lau, Vice-Chancellor, CUHK

To strengthen Hong Kong's role as the premier supply chain management and logistics centre in the Asia-Pacific region, CUHK with the sponsorship of Li & Fung Group, has established the Li & Fung Institute of Supply Chain Management & Logistics to further consolidate research in these areas.

The institute pools the strengths of the Centre for Supply Chain Management and Logistics of the Faculty of Business Administration, the Centre for Logistics

Technologies and Supply Chain Optimization, and the Research and Development Centre for Supply Chain and Logistics Management of the Faculty of Engineering. The institute will focus on technology development, applied research and business process innovation on logistics and supply chain management. Open forum and high-level executive programmes will be developed for professionals of the logistic industry through the Knowledge Transfer Office.

Institute of Plant Molecular Biology and Agricultural Biotechnology (IPMBAB)



(From left) Prof. Wong Yum-shing, Prof. Jiang Liwen, Prof. Guo Dianjian, Prof. Samuel S.M. Sun (director), Prof. Lam Hon-ming (deputy director), Prof. Ngai Sai-ming, and Prof. Fung Ming-chiu

The newly established Institute of Plant Molecular Biology and Agricultural Biotechnology (IPMBAB) builds on the outstanding research of the University Grants Committee's Area of Excellence in the field of plant and agricultural biotechnology.

IPMBAB's mission is to combine innovations from basic science research and state-of-the-art biotechnology with the

traditional wisdom of breeders or farmers and China's rich elite germplasm resources, to address the issue of food security, with emphasis on the improvement of major staple and economic crops such as rice and soybean. IPMBAB will generate products of high impact and will train quality researchers for Hong Kong, China and beyond.

Chinese Academy of Engineering Delegates Visit CUHK



The Chinese Academy of Engineering delegation with Prof. Lawrence J. Lau, Vice-Chancellor (middle), Prof. Samuel Sun, professor of biology (left 2) and Prof. Lam Hon Ming of the Department of Biology (left 1)

An eight-member delegation of the Chinese academy of Engineering, including six academicians and two representatives from the Division of Agriculture and Division of Environment, Light and Textile Industries Engineering visited The Chinese University from 13 to 15 September 2006. This is the first time that a high-level delegation of the academy visited local universities.

The visitors attended seminars and met with local academicians of the Chinese Academy of Engineering and Chinese Academy of Sciences, scientists and postgraduate students of CUHK and other institutions to exchange views on strategic areas including food security and the latest developments in agricultural biotechnology, ocean science and chemical science.

CUHK Strengthens Ties with Leading Australian Universities

Vice-Chancellor Prof. Lawrence J. Lau led a nine-member delegation to Australia from 7 to 11 December 2006 to strengthen the University's ties with leading Australian universities. The visit is part of an outreach programme launched for the internationalization of CUHK. The delegation visited Australian National University, the University of Melbourne and the University of Sydney. They met with leaders of the universities and key researchers in their respective fields. A number of exciting prospects to foster closer collaboration between CUHK and the three universities are under investigation.

The delegation included Pro-Vice-Chancellor Prof. Jack Cheng, Associate Pro-Vice-Chancellor and Registrar Prof. Billy So, director of the Epithelial Cell Biology Research Centre Prof. Chan Hsiao Chang, Associate Dean (Education) of the Faculty of Engineering Prof. Chan Lai Wan, Director of the School of Law Prof. Mike



Prof. Lawrence J. Lau (right), Vice-Chancellor of CUHK, presenting a souvenir to Prof. Ian Chubb, Vice-Chancellor of Australian National University

McConville, Chairman of the Department of English Prof. David Parker, director of the UGC-AoE on Plant and Fungal Biotechnology Centre Prof. Samuel Sun, and senior programme manager of the Office of Academic Links Ms. Shally Fan.

First Associated International Site of the National Writing Project

The WrITE Project (Writing for Integrated Teacher Education) of the Faculty of Education, has been chosen as the First Associated International Site of the National Writing Project (NWP) worldwide.

The National Writing project (NWP) is a network of 195 university-affiliated sites across the US with selected international partnerships. Administered out of the Graduate School of Education at UC

Berkeley, the mission of the project is to improve the teaching and learning of writing in English in schools by recognizing the primary importance of teacher knowledge, expertise and leadership.

The WrITE Project in Hong Kong, sponsored by the Dr. Tien Chang Lin Technology Innovation Foundation Limited and under the leadership of Dr. Barley Mak from the Faculty of Education, while embracing the philosophy of the US NWP, also adapts and adopts the NWP model to suit the local English language teaching community.



(From left) Dr. Paul LeMahieu, director of research and evaluation of the National Writing Project at UC Berkeley; Dr. Barley Mak, director of the WrITE Project, Faculty of Education, CUHK; Prof. Leslie Lo, founding dean of the Faculty of Education, CUHK; Mr. Leslie W.K. Chung, director, Dr. Tien Chang Lin Technology Innovation Foundation Limited

Shaw Laureates in Astronomy 2006 Speak at CUHK



(From Left) Prof. Ching Pak Chung, Pro-Vice-Chancellor, Prof. Saul Perlmutter, Prof. Adam Riess, Prof. Brian Schmidt, Prof. Lawrence J. Lau, Vice-Chancellor, and Prof. Chu Ming Chung

Prof. Saul Perlmutter, Prof. Adam Riess and Prof. Brian Schmidt, the Shaw Laureates in Astronomy 2006, presented a lecture entitled 'Dark Energy and the Accelerating Universe: Past, Present and Future' on 13 September 2006 at Shaw College.

Prof. Perlmutter, Prof. Riess and Prof. Schmidt are jointly awarded the Shaw

Prize in Astronomy 2006 in recognition of their leadership roles on two teams that made the remarkable discovery of the acceleration rate of the expansion of the universe, implying, in the simplest interpretation, that the energy density of space is non-vanishing even in the absence of any matter and radiation.

Sun Hung Kai Properties Nobel Laureates Distinguished Lectures

Sun Hung Kai Properties (SHKP) and The Chinese University jointly presented The Sun Hung Kai Properties Nobel Laureates Distinguished Lectures in September and November.

- Prof. Louis J. Ignarro (*left*), 1998 Nobel Laureate in Physiology or Medicine, delivered a lecture entitled 'The Unique Role of Nitric Oxide as a Signaling Molecule' on 19 September. In his lecture, Prof. Ignarro discussed how nitric oxide strengthens the cardiovascular system and protects the body from pathological conditions.
- On 30 November, 2006 Nobel Laureate in Economic Sciences, Prof. Edmund S. Phelps (*right*) hosted the lecture 'Stumbling Blocks on the Way to a Modern Economy'. Prof. Phelps's seminal contributions to economics include introducing



imperfect information and imperfect knowledge to macroeconomics. He pioneered the first generation of economic models of unemployment and inflation based on microfoundations, and was the first to stress the importance of reorganizing macroeconomic theory by revising the postulates of the neoclassical paradigm with regard to information and knowledge and to show how this could actually be done.

Colleges Anniversary

New Asia College 57th Anniversary Activities



New Asia College celebrated its 57th Founders' Day and the birthday of Confucius in September. Other celebration activities included a scholarships presentation ceremony, a tea reception, a banquet and a carnival.

United College 50th Anniversary



The 50th anniversary banquet on 2 December

2006 marked the 50th anniversary of United College. The slogan of the anniversary is 'Together we innovate, united we advance'. The college celebrated with a galaxy of programmes

and events that fell into six categories: special celebratory programmes, academic programmes, cultural and art programmes, publication, alumni and student programmes.

55th Anniversary of Chung Chi College

To celebrate its 55th anniversary, Chung Chi College organized a series of events. There included exhibitions, a round-the-campus run and the Thousand People Feast. The opening ceremonies of the refurbished Chung Chi College Elisabeth Luce Moore Library, and Chung Chi College Archive cum Exhibition of 'Chung Chi at the Foundation Years', the Founders' Day Thanksgiving Service, and the Unveiling of the 55th Anniversary Celebration Sculpture '众' took place on Founders' Day, 27 October 2006.

Selections from 'Exclusively Chung Chi... Photographic Exhibition by Cheung Chan Fai'



Exhibition of Early Hong Kong and Macau Publications

The Exhibition of Early Hong Kong and Macau Publications, jointly organized by the University Library System of CUHK and the University of Macau Library was held at the University Library of CUHK and the University of Macau Library in September and November respectively.

The event also featured the official launch of the Hong Kong Macau Periodicals

Network (www.lib.cuhk.edu.hk/Exhibition/HKMacauPub/). The database provides an index to over 300 Chinese and bilingual publications published in Hong Kong and Macau and with over 450,000 records focusing on the humanities and social sciences. Most of the periodicals indexed start from 1980, but important academic journals are indexed starting from the very first issue.

Conferences/Workshops/Seminars

- The Summer Course 2006 in Microbiology, 13 to 27 June, by the Department of Microbiology;
- ACM International Conference on Virtual Reality Continuum and Its Applications VRCIA Conference, 14 to 17 June, by the Department of Computer Science and Engineering;
- The Fifth Seminar on Moral Education, 2 to 10 July, coorganized by New Asia College and Beijing Oriental Morality Institute, supported by the trustees of New Asia College, Mr. Liu Shang Chien and Mr. Chan Chi Sun;
- The Sixth Seminar on Traditional Chinese Culture, 12 to 18 July, coorganized by New Asia College;
- Conference on East Asian Anthropology/Anthropology in East Asia, 13 to 16 July, jointly sponsored by the Society for East Asian Anthropology of the American Anthropological Association, the Department of Anthropology of CUHK, and the Hong Kong Anthropological Society;
- The 27th Asian Medical Students' Conference 2006 (AMSC), 23 to 30 July, organized by the Asian Medical Students' Association Hong Kong, supported by The University of Hong Kong Li Ka Shing Faculty of Medicine and the Faculty of Medicine of CUHK;
- The 5th Hong Kong International Model United Nations, 3 to 6 August, jointly organized by the Hong Kong International Model United Nations Association and the Centre for University and School Partnership of CUHK;
- The Second Anniversary Symposium of the Croucher Laboratory for Human Genomics, 11 September, by the Croucher Laboratory for Human Genomics of the Department of Biochemistry;
- The Twelfth Meeting of the Regional Working Group Meeting on Remote Sensing, Geographic Information Systems and Satellite-based Positioning, the Eleventh Meeting of the Regional Working Group Meeting on Meteorological Satellite Applications and Natural Hazards Monitoring and the Regional Workshop on Regional Cooperative Mechanisms on Space Information for Drought Disaster Reduction of UN Economic and Social Commission for Asia and the Pacific, 25 to 28 September, hosted by the Institute of Space and Earth Information Science of CUHK, under the auspices of the National Remote Sensing Centre of China;
- The 13th International Conference on Neural Information Processing, 3 to 6 October, jointly organized by the Department of Mechanical and Automation Engineering, the Department of Computer Science and Engineering, and the Department of Systems Engineering and Engineering Management, sponsored by the Asia Pacific Neural Network Assembly and the K.C. Wong Foundation;

- Symposium on Infectious Etiologies of Chronic Disease, 28 October, jointly organized by the CUHK Centre of Research and Promotion of Women's Health of the School of Public Health, and the Hong Kong Epidemiological Association;
- The Second Corporate Governance Research Incubator, 24 and 25 November, jointly organized by the Centre for Institutions and Governance and the School of Accountancy, sponsored by the Shanghai National Accounting Institute;
- The 10th Anniversary Conference of the Centre for the Study of Religion and Chinese Society, 6 December, and the 3rd International Young Scholars' Symposium, 7 to 11 December, by the Centre for the Study of Religion and Chinese Society of Chung Chi College;
- Symposium on Daily Lives of Urban Elite in 20th Century China and France, 18 and 19 December, jointly organized by French Centre for Research on Contemporary China and Department of History of CUHK.

Lectures

Wei Lun Lectures

- Sir Iain Chalmers, a strong advocate of evidence-based medicine and coordinator of the James Lind Initiative, delivered a lecture entitled 'How Can the Research Community Serve the Information Needs of Patients and Clinicians More Effectively?' on 8 December.

Other Lectures

- Prof. Ma Songde, Vice Minister of Science and Technology of China, and Honorary Professor of CUHK's Faculty of Engineering, delivered a lecture entitled 'An Overview of the Hi-tech Research and Development Programme of China and Content-based Image and Video Analysis' on 11 July.
- Prof. Larry Diamond, senior fellow of Hoover Institution at Stanford University delivered a lecture entitled 'Can the Whole World be Democratic? Thoughts on Remaining Obstacles to Democratization from a Global Perspective' on 18 September.
- Mr. Lu Xinhua, Commissioner of the Ministry of Foreign Affairs of the People's Republic of China in the Hong Kong Special Administrative Region gave a lecture on 'China's Views on Topical International Issues and Hong Kong's Role in China's Diplomacy' on 22 September.
- Prof. Liu Mingkang, chairman of the China Banking Regulatory Commission and Honorary Professor of CUHK's Faculty of Business Administration delivered a lecture on 'Banking in China' on 25 September.
- Mr. Donald Tsang, Chief Executive of the HKSAR, delivered a lecture titled 'Pragmatic Leadership' on 29 September.
- Mr. Jean-Pierre Thébaud, Consul-General of France in Hong Kong delivered a lecture entitled 'China and France: Close Cooperation, Long-term Relationship and the Role of Hong Kong' on 1 November.
- Mr. Cho Whan Bok, Consul-General of the Republic of Korea in Hong Kong and Macau gave a lecture on 'For a Permanent Peace on the Korean Peninsula and in Northeast Asia: Beyond the Nuclear Challenge and the Cold War' on 14 November.
- Dr. Urs P. Roth, chief executive officer of the Swiss Bankers Association gave a lecture on 'Swiss Banking: Know-how + Innovation = Success' on 22 November.
- Prof. Henry S. Rowen, senior fellow, Hoover Institution, Stanford University, delivered a lecture entitled 'The Inevitable Political Consequences of the Economic Development of China' on 4 December.

Donations

SHKP and Kwok Family Donate \$30 Million to Promote Mental Health

Sun Hung Kai Properties (SHKP) and The Chinese University announced on 3 August the SHKP Mental Health Alliance, a major mental health initiative supported by a donation of \$30 million from SHKP and the Kwok family. The alliance will focus on public education, prevention and treatment, research and experimental study, as well as professional training. This comprehensive programme will promote mental health in Hong Kong, raise public awareness and understanding of the

problem, and eliminate discrimination against sufferers.

An informative and educational website on mental health (www.shkpmha.cuhk.edu.hk) was launched in November by the alliance. Details of past and upcoming activities organized by the alliance are also available on the site.

Mental health information on the website includes the online version of the alliance's bi-monthly magazine on mental health *Sundae Mood*. A series of pamphlets and booklets can be downloaded.

The alliance provides clinical and group intervention services and organizes events such as professional workshops, public talks on the topics of stress management and family mental health, and exhibition on family mental health.

(From left) Prof. Patrick Leung, Prof. Fanny Cheung, Dr. Raymond Kwok, SHKP vice-chairman and managing director, Prof. Lawrence J. Lau, Prof. Joyce Ma, and Prof. Lee Sing



Naming Ceremony of the Stanley Ho Centre for Emerging Infectious Diseases

The Centre for Emerging Infectious Diseases was established in October 2003 to conduct research and provide professional training in infectious diseases.

In recognition of a generous donation of HK\$25 million by Dr. Stanley Ho, G.B.S., to support research on infectious diseases, the University named the centre after Dr. Ho.

(From left) Prof. Joseph J.Y. Sung, director of the Stanley Ho Centre for Emerging Infectious Diseases, and Dr. Stanley Ho



Generous Support for Student Exchange

The University has received US\$1 million from the S.H. Ho Foundation and HK\$2.85 million from the China National Offshore Oil Corporation in support of its student exchange programmes.

To enable CUHK students to acquire overseas study experience, the S.H. Ho Foundation donated US\$1 million to Brown

University, USA, for its student exchange programme with CUHK.

CUHK also received HK\$2.85 million from CNOOC to establish the CNOOC Scholars Programme, which supports international exchange for undergraduate students of CUHK, especially those from the Mainland.

Manulife Charitable Foundation Pledges Support for Cancer Patient Resource Centre

Manulife Charitable Foundation donated HK\$720,000 to support the cancer-patient counselling service of the CUHK Cancer Patient Resource Centre from 2006 to 2008.

To provide comprehensive service to

cancer patients, the Department of Clinical Oncology established the Cancer Patient Resource Centre at the Prince of Wales Hospital in January 2003. Various support programmes have been offered by the centre to cancer patients and their families.

CUHK-Children's Choir Fundraising Concert

A full house of 2,000 alumni and friends of The Chinese University attended the CUHK-Children's Choir Fundraising Concert, held on 15 September at the Hong Kong Cultural Centre Concert Hall. The event raised approximately HK\$1.3 million for the University.

The concert was jointly presented by the Standing Committee of the CUHK Convocation and the University's Office of Institutional Advancement. About

170 guest performers took to the stage, including The Hong Kong Children's Choir (HKCC), The Gay Singers, and the Chinese Music Ensemble of the CUHK Department of Music. Funds raised will mainly be used to support student scholarships and activities of the School of Law, the CUHK Convocation Outstanding Services and Creativity Awards Foundation, the Physical Education Unit, as well as The Community Chest of Hong Kong.



The Hong Kong Children's Choir, The Gay Singers, and the Chinese Music Ensemble of CUHK Department of Music all gave spectacular performances

Student Achievements

Business Students Win International Local Challenge

- Four undergraduate business students beat their opponents from top universities worldwide to win The International Business Challenge 2006 with their 'Blue Ocean Strategy'. Founded by the Undergraduate Management Consulting Association, the participants of the event were requested to develop a marketing strategy to help Netcast HD, a newly developed internet-based entertainment network that delivers high-definition multimedia solutions, to promote itself and increase its market share. The CUHK team proposed a strategic management concept advising Netcast



The CUHK team: (from left) Grace Chan, Winnie Yeung, Jacky Lui, and Raymond Hung

HD to develop innovative ideas for capturing untapped markets with huge potential.

- Three Year 2 undergraduate students of the Professional Accountancy Programme beat 100 students from nine Hong Kong and overseas universities to win the Hong Kong Society Retirement Plan Research Competition organized by ET Business College on 9 December 2006. The winning team from CUHK, Synergy, proposed a universal retirement plan and a reform in the long-term financing arrangement of health care. Their proposal addressed low-income seniors with huge medical expenses and little MPF savings.



The CUHK team: (from left) Li Ka Ying Tiffany, Tsang Wing Pong Vincent, and Ling Yin Wan Kitty

- A team of four Quantitative Finance (QFN) students became the champion of the University Investment Research Competition hosted by the Hong Kong Society of Financial Analysts Ltd. The competition, held between September to November 2006, required each participating team to conduct thorough investment research on a listed company. The CUHK team was assigned Lenovo Group Ltd. and they
- The CUHK team: (from left) Vienna Lee, James Lam, Kristy Choy, Andy Yiu and the guest speaker Mr. David Webb (middle), independent non-executive director of the Hong Kong Exchanges and Clearing Limited

had to submit a written research report and conduct a Powerpoint presentation to the judging panel within four weeks.



More Victories for CUHK Athletes

- The CUHK men's and women's handball teams took part in the 2006 Taiwan University International Handball Invitation Tournament from 5 to 9 July at Taiwan University. Both teams beat their counterparts to become the second runner-up in their group. The goal keeper of the men's team, Tsang Hing-lai (Year 2, Economics) and member Lau Wan-tat (Year 1, Statistics) were respectively awarded the titles of 'Best Goal Keeper' and 'Most Popular Handball Player'.
- The CUHK tennis teams went to Hubei for the 11th National Universities Tennis Championships from 17 to 23 July at the Wuhan Institution of Physical Education. The women's team clinched bronze.
- The 10th National Universities Badminton Championship was held from 12 to 18 August at the China University of Science and Technology. The CUHK men's team walked away with bronze while Yuen Yuen-kin and Pang Chun-yue, last year's first runners-up, clinched the championship title in the men's doubles. Fung Ying was the



Yuen Yuen-kin (left) and Pang Chun-yu (right), badminton men's double division A champions

first runner-up in the ladies' singles. Fung and Yuen also won bronze in the mixed doubles event.

- The Chinese University rowing team beat the HKU rowing team to win four gold, three silver and one bronze medals in the Hong Kong Intersarsity Rowing Championships held on 17 September 2006. The CUHK team clinched both the men's and the women's championship titles.



CUHK rowing team



Champion volleyball team from CUHK

- CUHK teams notched up a superb victory in the 10th Jackie Chan Challenge Cup held in October 2006. Both the CUHK women's table tennis and volleyball teams defeated their counterparts to win the championship. The CUHK women's basketball team was the 2nd runner up.
- The 2006 University Sports Federation, Hong Kong Cross Country Competition was held on 5 November 2006 on CUHK campus. The women's team was the champion and the men's team came fourth. The overall champion was also CUHK. Miss Mak Sau Ling, Tania (PSY 2) from the women's team was the individual champion.
- Chung Chi College student Ms. Yu Chui-ye (Year 2, Department of Geography and Resource Management) won gold in the epee events (team and individual), and gold (team) and bronze (individual) in the foil events, at the IWAS Wheelchair Fencing World Championships 2006, held from 29 September to 7 October, in Torino, Italy. She was also named 'Best Female Fencer'. Her performance qualifies her for the 2008 Beijing Paralympics. Ms. Yu then went on to win a silver medal in the women's foil event (team) at the Seventh National Games for Disabled Persons held in Yunnan Province, China.

CUHK Wins Putonghua Debate

The Putonghua debate team of CUHK captured its first championship in the

seventh Intersarsity Putonghua Debate Competition held on 11 November 2006. Tian Zi, vice-captain of the team, was named 'Best Debater'.

The Intersarsity Putonghua Debate Competition 2006, a highlight of Hong Kong's Putonghua Festival, was organized by RTHK Putonghua Channel and the Standing Committee on Language Education and Research. In the past six years, CUHK had come second three times and third once.



(From left 2) Tian Zi, Yang Yang, Liu Ran and Yang Fan receiving the trophy from the officiating guests

Laurels for Music Graduates

- The Broadway musical *Miss Saigon* selected Miss Hui Pui-shan as its first Chinese leading actress. The 26-year-old Miss Hui graduated from the Music Department, before going to New York University for her Master's (Vocal) degree two years ago. Hui Pui-shan is the first Chinese woman to have been given the role of Miss Saigon.
- Ng Wah Hei, 2005 M.Mus. graduate of the Department of Music has won the first prize of the Chamber Music Composition Competition with his flute cello and piano trio *Sleepless City* in February 2006.
- Ms. Lam Cheuk Bun, an alumna (2006) of the Department of Music was awarded the Hong Kong Jockey Club Music and Dance Fund Scholarship 2006–07. She will pursue a Master of Music degree in Organ Performance at the Eastman School of Music, Rochester, USA.

Other News

Book to Encourage Teaching Excellence

The Chinese University is committed to excellence in teaching. Starting from 1999, the Vice-Chancellor's Exemplary Teaching Award has been given annually to exemplary teachers from the seven faculties



in recognition of their outstanding teaching performance. A total of 49 awardees were given the award in the past seven years — some more than once — in recognition of their continued outstanding teaching performance.

The Centre for Learning Enhancement And Research (CLEAR) has recently published a book entitled *Excellent University Teaching*, based on interviews with 18 excellent teachers who were past recipients of the award. Through the joint efforts of the co-authors, Prof. David Kember, Dr. Rose Ma and Prof. Carmel McNaught, the beliefs and practices of these teachers were transformed into principles of excellent teaching. It is hoped that these principles can be promoted and shared among local and overseas institutions.

Prof. Kenneth Young, Pro-Vice-Chancellor, introducing the *Excellent University Teaching*

Bilingual Education

The Committee on Bilingualism, following over a year of thorough discussion and deliberation, completed its draft report and released it to all members of CUHK for consultation on 7 September. The consultation

period ended on 15 November. The committee also held forums and seminars to gather feedback from teachers, students and alumni. The committee's report is available at www.cuhk.edu.hk/bilingualism/en/report.htm.

RTAO Restructuring

The two sub-units within the Research and Technology Administration Office (RTAO), viz., the Research Administration Office (RAO) and the Technology and Licensing Office (TLO), was split into two separate units with effect from 1 October 2006.

After the reorganization, the director, RTAO, has been retitled director, TLO, and assumes responsibility for the reorganized TLO, with its increased volume of work,

and continues to report to Prof. Ching Pak-chung, Pro-Vice-Chancellor in charge of inter alia technology and licensing. The director of RAO, who reports administratively to the Director of Registry Services, provides administrative support to all policy committees and senior members on research administration and related tasks such as the Focused Investments Scheme and the UGC AoE Scheme.

Department of Automation and Computer-aided Engineering Renamed

The Department of Automation and Computer-aided Engineering has been officially renamed the Department of

Mechanical and Automation Engineering from 18 October 2006. 🇨🇰



香港中文大學

The Chinese University of Hong Kong