

CHINESE UNIVERSITY BULLETIN

No. 2, 2012



Embrace our Culture
Empower our Future

香港中文大學五十周年
50th Anniversary of CUHK

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In Jubilation for the Golden Jubilee



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In Jubilation for the Golden Jubilee

The year 2013, the Golden Jubilee of The Chinese University of Hong Kong, is awaited by everyone in the University with bated breath. Celebration is very much in the air, and all in the CUHK family, be they teachers, students and alumni, are actively engaged in preparation for the events and activities that are to come.

Half a century ago, a range of barren hillocks, by the side of the railway track on which diesel trains ran and along the coast of the Tolo Harbour, was chosen as the seat of an academic institution burdened with an onerous historical and cultural mission. On the 17th day of October, 1963, the Chinese University came into being, building itself upon the practical and modest simplicity that informed the structure and milieu of its three foundation Colleges. And it has been 50 years since.





Ma Liu Shui Station in the 1950s before CUHK was founded



Ma Liu Shui in 1956. The piece of land had been granted by the government to Chung Chi College in 1953.



2012 — 45 years after Ma Liu Shui Station was renamed 'University Station'



Embrace our Culture Empower our Future

'The 50th Anniversary will allow us the opportunity to share, in gratitude and gladness, our achievements with the community at large. It will also be an occasion for the Chinese University to reiterate its core values and its mission, and to bring to the community's full view, the University's humanistic spirit which is its guiding light since the earliest days, its unique collegiate system, and its practical and functional General Education programmes.

We shall show to the general public what superior minds our campus has nurtured, and what ingenious results they have wrought through years of intensive intellectual endeavours. Their achievements have expanded the frontiers of learning and research in many directions. Furthermore, many of our teachers and students, in successive generations, have left their distinguished and indelible marks on regional, national and even international history. It



is our intention, and our resolve, to demonstrate how, in a global village where no man is an island entire of himself, the teachers and students of CUHK will shoulder their responsibilities as citizens of the world when the call of benevolent humanism beckons. We will show to the world how the CUHK community has extended the scope of its service, and how the application of the results of its research has gone way beyond the campus to the surrounding regions, the nation, and the rest of the world, for the benefit of the earth and all mankind.'

Prof. Joseph J.Y. Sung
Vice-Chancellor





Photo by Keith Hiro

'The 50th anniversary is a fitting occasion for all staff, students and alumni to recollect the trials and tribulations this University has gone through, and for us to bring its achievements in full view of everyone in the community. We should also revive the teachings and ideals of the academics who have gone before us, and perpetuate the humanistic traditions they have established. At the same time we should serve society with our caring spirit and professionalism, thus rejuvenating the University and turning a new page for its development.'

Mr. Leung Ying-wai Charles
Chairman, CUHK 50th Anniversary
Celebration Organizing Committee

The achievements of CUHK today are based on the efforts and contributions of its founding fathers and generations of CUHK members. Such is the belief behind the conception of the anniversary slogan 'Embrace our Culture, Empower our Future', which means that we should inherit the spirit of the pioneers while striving to develop a brighter future. Mr. Leung Ying-wai Charles said, 'It has been half a century since the establishment of CUHK. The University's growth was a long and winding road and its achievements are all hard-earned. I'm proud of my alma mater. Out of a sense of mission and a sense of duty, and my deep affection for the

University, I felt obliged and honoured to be able to do my bit for the University in this milestone moment.'

Since the celebrations belong to all members of the CUHK community, the participation of staff, students and alumni from planning to implementation has been given emphasis. In addition to academic and cultural activities organized by the Colleges and Faculties, there will be a plethora of celebratory events initiated by students and alumni, including seminars, roving exhibitions, commemorative activities and community projects



The theme and logo of the 50th anniversary was introduced for the first time on 2 December 2012—the annual Alumni Day when over 5,500 alumni and their families met friends and teachers on the CUHK campus.

The theme 'Embrace our Culture, Empower our Future' denotes that it is our duty to respectfully review the achievements of the academics who have gone before us, and to perpetuate the practice of the valuable traditions they have established. At the same time our vision should be focused on the future, as we plan the development of the University with due regard for the needs and requirements of the time. Fresh energy has to be injected into our enterprise, so that we may boldly face the challenges posed by globalization.



**Embrace our Culture
Empower our Future**

香港中文大學五十周年
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The 50th anniversary logo, designed by renowned Hong Kong designer Mr. Stanley Wong, was inspired by the phoenix of the University emblem. Using the ornate crown as the number '5', and the curved horn as the number '0', it is complemented with the bilingual slogan 「傳承·開創」, 'Embrace our Culture, Empower our Future'. The logo resembles the mission of the University: To combine tradition with modernity, and to bring together China and the West.

'When I graduated from the Chinese University in 1980, it was entering its 17th year. Like a living person, the age of 17 is a time to hammer out an identity and a niche for oneself. Time flies. 2013 is the Golden Jubilee year of the University. To a living person, the age of 50 is considered his/her prime. It's a pivotal and productive period for scholars and statesmen alike, and for an institution which has so much to look back on and take stock of in the past but even much more to emulate and look forward to in future.

I am fortunate enough to be working with members of the Coordinating and Working Committee—colleagues, alumni and students who are so knowledgeable, dedicated and resourceful. The series of commemorative activities and landmark events planned for 2013 will reach deep inside our solidarity and collectiveness as members of the Chinese University as well as reach out to the society at large. I hereby extend a sincere invitation to every member of the CUHK family to join us in our celebrations throughout 2013.'



Prof. Michael K.M. Hui
Pro-Vice-Chancellor and
Chairman of the CUHK 50th Anniversary
Celebration Coordinating and Working
Committee



The focal event of the 50th anniversary, 'CU50•Care' brings to the public's attention the University's core values and missions. It encourages all University members to reach out to the community in 2013 by contributing their time, professionalism and strength.

'CU50•Care' urges CUHK members to support the disadvantaged and the needy by pledging to the following:

- The University to undertake 50 voluntary service programmes in the year 2013

- Each CUHK member to contribute 50 hours of voluntary service in 2013 on a personal basis
- CUHK members to participate in the 'CU50•Care Team' as a token of commitment to society and the University

The programme will be officially launched at the 50th anniversary kick-off ceremony on 27 January 2013. The concerted effort of an alumni body of 150,000, some 20,000 students, and close to 7,000 staff members of CUHK will surely have a great impact on the community.



1949 Founding of New Asia College



1951 Founding of Chung Chi College



1956 Founding of United College

1961

The Hong Kong Government appointed a University Preparatory Committee to advise on sites and buildings for The Chinese University of Hong Kong, with Chung Chi College, New Asia College, and United College as constituent Colleges.

1962

Establishment of Fulton Commission



Date	Event
3 Jan	CUHK Jockey Club Initiative Gaia Launch Ceremony
27 Jan	CUHK 50th Anniversary Kick-off Ceremony • Walkathon and Carnival
26 Feb	Grand Opening of Yasumoto International Academic Park
17 Oct	University Foundation Day
7 Dec	<ul style="list-style-type: none"> • Alumni Homecoming Day • 50th Anniversary Night: performances by alumni at the University Mall
8 Dec	50th Anniversary Gala Dinner at the Grand Hall of the Hong Kong Convention and Exhibition Centre: gathering of some 3,000 CUHK students, staff, alumni and friends



1963
The three Colleges were amalgamated to form CUHK
Founding of Faculties of Arts, Science, and Social Science



1963
Appointment of the Honourable Sir Cho-yiu Kwan as Chairman of the University Council

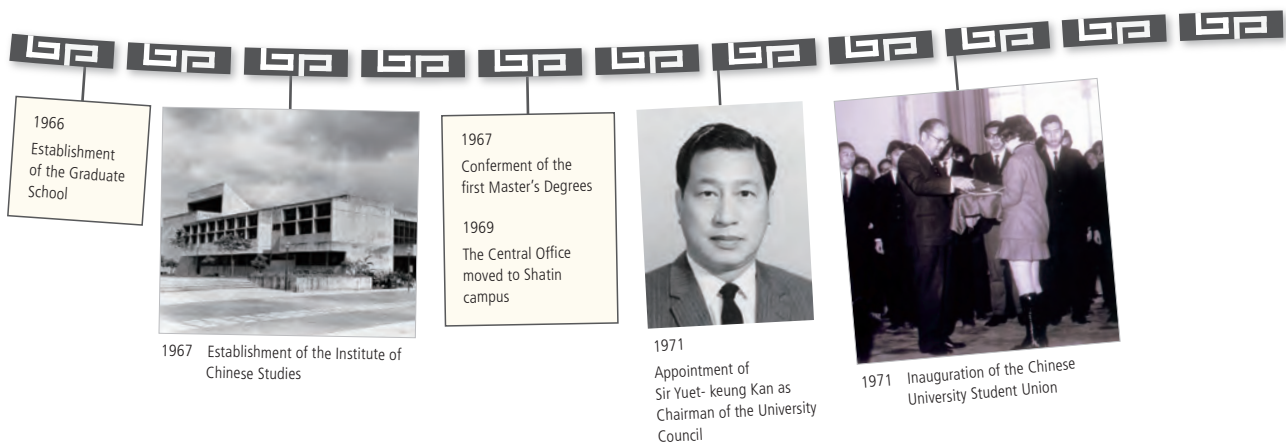


1963
Appointment of Dr. Choh-ming Li as the first Vice-Chancellor


1964
Installation of the first Vice-Chancellor
Conferment of the first Bachelor's Degrees

1965
Debut of student exchange programme
Founding of School of Education (upgraded to Faculty of Education in 1991)
Founding of Department of Extramural Studies (renamed School of Continuing Studies in 1994 and School of Continuing and Professional Studies in 2006)

Month	Date	Topic
Jan	3–5	<ul style="list-style-type: none"> • Conference 'Forty Years of Environmental Protection in China' • International Conference on Foodways and Heritage
Feb	23	Annual Education Conference 2012–13 'The Science and Art of Reading'
Mar	11–14	APAIE 2013 Conference 'An Ascendant Asia-Pacific: International Higher Education in the 21st Century'
	12	'SARS A Decade On: A Conference for Health Professionals'
	22	International Symposium on Linguistics and CSL Teaching and Learning
Apr	12–13	Symposium of Culture and Music in China's Cultural Revolution
May		<ul style="list-style-type: none"> • Department of Social Work Postgraduate Research Symposium • Family Business Conference
	17–19	International Conference 'Half Century of Migration and Regional Integration in South China'
Jun		<ul style="list-style-type: none"> • Lancet Symposium • International Conference on New Directions in the Development of Creative and Media Industries • International Conference on the Philosophy of Criminal Punishment
	16–21	International Conference on Nucleic Acid Enzymes and Enzymes in Human Diseases
Jul	10–13	20th Annual Meeting of the Society for the Scientific Study of Reading
Aug	15–17	Inter-University Seminar on Asian Megacities 'Asian Urbanism and Beyond'
Oct		BiG Forum for Innovative Business Model
	26	Law Dean Summit on Legal Education
Nov		4th International Conference on Travel Writings in Chinese
	11–14	ER International Conference on Conceptual Modeling
Dec		<ul style="list-style-type: none"> • 'The Power of Religion: Religion, Conflict and Peace in Contemporary World' • International Conference 'Gender and Migration in Asia: 50 Years of Changes and Challenges' • 'Fifty Years of Historical Studies at The Chinese University of Hong Kong'
	6–8	Presidents' Forum
	8	'Arts and Civic Society: Transformation and Responsibility' Colloquium
	13–29	Global Youth Chinese Literary Award Workshop and Prize Presentation




1966
Establishment of the Graduate School




1967
Establishment of the Institute of Chinese Studies

1967
Conferment of the first Master's Degrees

1969
The Central Office moved to Shatin campus



1971
Appointment of Sir Yuet-keung Kan as Chairman of the University Council



1971
Inauguration of the Chinese University Student Union

Date	Speaker
Distinguished Lectures	
29 Jan	Prof. Philip George Zimbardo
22 Mar	The Honourable Geoffrey Ma, Chief Justice of the Court of Final Appeal
Sir Run Run Shaw Distinguished Visiting Scholar Lecture 2012–13	
6 Mar	Prof. Richard J. Davidson
Anniversary Public Lectures	
9 Mar	Prof. Lee Ou-fan and Prof. Kwan Tze-wan
19 Apr	Prof. Emily Chan
8 Jun	Prof. Cheung Kwok-wai
27 Jul	Prof. Andrew C.F. Chan
24 Aug	Prof. Chu Ming-chung
17 Sep	Prof. Samuel Sun
21 Sep	Mr. Chan Tak-hang, Prof. Leung Seung-ming Alvin, Dr. Yuen Pong-yiu, and Prof. Barley Mak
5 Oct	Prof. Helene Fung
Faculty of Education Public Lectures	
19 Jan	Prof. Lau Siu-ying Patrick
2 Mar	Prof. Tsang Wing-kwong
23 Mar	Ms. Yu Chui-yee, Mr. Lee Chi-wo Daniel, Mr. Cheng Ka-ho
4 May	Prof. Lam Chi-chung, Prof. Wong Ngai-ying, Mr. Fung Yee-wang
25 May	Prof. Ha Sau-ching Amy
22 Jun	Prof. Wong Heung-sang Stephen
5 Oct	Dr. Cheung Man-biu Robin



1972-73
United College and New Asia College moved to Shatin campus

1974
Founding of Faculty of Business Administration



1978
Appointment of Prof. Ma Lin as the second Vice-Chancellor

1981
Founding of Faculty of Medicine
Launch of undergraduate part-time degree programmes

1982
Conferment of first PhD Degrees



1982
Appointment of Sir Quo-wei Lee as Chairman of the University Council

1984
Implementation of Provisional Acceptance Scheme for undergraduate programmes

1986
Adoption of a credit-unit system for undergraduate curriculum and boosting of General Education curriculum



Date	Topic
Mar	'CHINA UNEARTHED: 35 Years of Archaeological Discoveries by CUHK'
11–14 Mar	APAIE 2013 Conference and Exhibition
Mar–Nov	50th Anniversary Fair: a roving exhibition around town kicking off at Harbour City
Sep	Opening Ceremony of Gallery of Campus Development
Oct	Opening Ceremony of University Gallery
Nov	Ju Ming Exhibition: new works of the renowned sculptor who created <i>The Gate of Wisdom</i>
14–29 Dec	Global Youth Chinese Literary Award Exhibition



1986 Founding of Shaw College



1987
Appointment of
Prof. Charles K. Kao as
the third Vice-Chancellor

1991
Adoption of a flexible credit unit system for undergraduate studies
Founding of Nethersole School of Nursing
Founding of Faculty of Engineering
1992
Founding of School of Pharmacy

1993
Establishment of School of Accountancy
Establishment of CUHK Convocation
1995
HKIX set up at CUHK to provide an interconnection point for local Internet traffic



A CUHK Golden Jubilee Marathon Team comprising 1,800 athletes will participate in the Standard Chartered Hong Kong Marathon 2013 on Sunday, 24 February, a signature local sporting event with over 70,000 local and overseas participants competing in full marathon, half marathon and 10km races last year.

To help our runners achieve top form, a series of seminars and field training sessions will be

conducted by sports professionals and teachers from the Department of Sports Science and Physical Education from December 2012 to February 2013.

CUHK members, their families and friends are welcome to join the Support Team to cheer on the Golden Jubilee runners and provide logistical support on the day of the event.



1996
Appointment of Prof. Arthur K.C. Li as the fourth Vice-Chancellor



1997
Appointment of Dr. Lee Hon-chiu as Chairman of the University Council



1998 Admission of first batch of undergraduates from mainland China

1998
Founding of School of Hotel Management (renamed School of Hotel and Tourism Management in 2002)
Founding of School of Chinese Medicine

1999
Founding of School of Public Health (renamed The Jockey Club School of Public Health and Primary Care in 2009)
Establishment of School of Journalism and Communication



Photo by Keith Hiro

'The University's Golden Jubilee is a time for graduates to reminisce and rekindle the flame, and to become more involved in the University. I'm hoping for more harmony, consensus and solidarity, and a better understanding of University affairs.'

Ms. Connie Au
Director of Alumni Affairs

<p>2000 Establishment of the Institute of Chinese Medicine</p> <p>2002 Conferral of the first Honorary Fellowships</p>	 <p>2002 Appointment of Prof. Ambrose Y.C. King as the fifth Vice-Chancellor</p>	 <p>2003 Appointment of Dr. Edgar W.K. Cheng as Chairman of the University Council</p>	 <p>2004 Appointment of Prof. Lawrence J. Lau as the sixth Vice-Chancellor</p>	<p>2005 Establishment of School of Law (upgraded to Faculty of Law in 2008)</p> <p>2006 Implementation of Ten-year Strategic Plan to guide the University's development</p>
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The anniversary celebration of an educational institution is not complete without the engagement of alumni who have contributed to the shaping of its heritage. With this in mind, the Alumni Affairs Office has planned and organized a rich variety of events and activities especially for the vast alumni community.

Date	Topic
13 Apr	CUHK Convocation Education Conference 'The Nurture of Talent in Universities in the 21st Century'
17–28 July	12-day Cruise Tour: Northern Europe and Russia
31 Aug– 1 Sep	'The Professor': The original drama, written by alumna Chong Mui-ngam Candace, explores the challenges CUHK is facing half a century after its establishment, and reflects on issues on internationalization, specialization and commercialization.
Oct	Ball Games : Alumni will demonstrate sportsmanship, team spirit and friendship through participation in football, basketball, table tennis and tennis matches.
Nov	Cultural Tour 'A Visit to Shaoguan': Guided by historian Dr. Ting Sun-pao Joseph, the group will visit the Zhuji Alley at Shaoguan to trace their ancestral roots
21–26 Nov	CUHK Alumni Arts Exhibition—Embrace our Culture, Empower our Future Masterpieces of installation art, calligraphy, painting, photography and sculpture created by alumni and staff members of the University will be displayed
22 Nov	CUHK Alumni Music Night: Jointly organized and performed by the CUHK Chung Chi Orchestra, the CU Chorus and the Chinese Music Society of New Asia College, it will feature some 200 singers and instrumentalists on stage.
4 Dec	Welcoming Dinner for Overseas Alumni
7 Dec	<ul style="list-style-type: none"> Alumni Music Fair: golden oldies from different eras performed by alumni bands on the University Mall to quench your nostalgic thirst Opening of Caring Alumni EcoCampus Trail Tree Planting at Golden Jubilee Garden





The CUHK 50th Anniversary Fund Raising Committee was convened by Dr. **Joseph Y.W. Pang**. Fundraising activities were launched in September 2011 and will continue for three years until August 2014.

Under the sixth round of the Matching Grant Scheme launched on 1 August 2012 by the University Grants Committee of the HKSAR Government, any donations solicited during the scheme period will be able to apply for a

matching grant on a first-come-first-served basis after fulfilling the scheme criteria. The University will strive to make the best of the good will of philanthropists.

For example, in September 2012, the Lee Quo Wei CUHK Golden Jubilee Scholarship Endowment Fund was inaugurated with a kind donation of HK\$30 million from Dr. and Mrs. Lee Quo-wei and the Wei Lun Foundation, which succeeded in securing a matching grant of the same amount.



2009
Establishment
of School of
Architecture



2009
Appointment of
Dr. Vincent H.C. Cheng as
Chairman of the University
Council

2010



Appointment of
Prof. Joseph J.Y. Sung as
the seventh Vice-Chancellor

2011



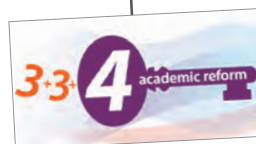
Grand opening of teaching hotel and naming of
Cheng Yu Tung Building

Ms. **Janet Chow**, Director of Institutional Advancement, said, 'Many of the anniversary events and activities are embedded with a fundraising element while bringing excitement and joy to the community. The University is grateful to donors and members of the public. Together we will work for the nurture of talent, generation of knowledge and innovations in research for the benefit of society.'

Date	Topic
27 Jan	<p>Walkathon at Lingnam Stadium, Chung Chi College</p> <p>The Walkathon aims at raising funds for the I-CARE Programme which comprises a range of social and civic engagement programmes for students, including service projects and self-initiated action-research projects; internships in non-governmental organizations; social enterprises and corporate social responsibility measures; University Lecture on Civility, seminars and forums; and enhancement of students' mental wellness.</p> <p>The money raised will be matched by the CUHK-Chow Tai Fook Charity Foundation I-CARE Alumni Challenge on a one-to-one basis, and also be subject to matching under the Matching Grant Scheme.</p>
31 Oct	<p>CUHK Golden Jubilee Golf Day</p> <p>Students, staff, alumni, College trustees and friends of CUHK will compete and raise funds for the University and its constituent Colleges to support the CUHK Golf Day Scholarships and Bursaries Fund. Students with excellent admission results, outstanding records of volunteer service during their secondary school years and financial needs will benefit.</p>
7 Dec	<p>Caring Alumni EcoCampus Trail</p> <p>The trail will connect the nine Colleges, central campus and the Graduate School. Plaques will be erected along the trail with illustrations of birds, animals and plants commonly spotted on campus. Donations from alumni, staff and friends of CUHK are welcome to support the CUHK Golden Jubilee Scholarships and Bursaries Fund.</p>



2011
Grand opening of the CUHK Shenzhen Research Institute building



2012
Re-adoption of a four-year normative curriculum in line with the Government's '3+3+4' curriculum reform





The air is filled with joy. Activities are being planned and organized with zeal, and they are awaiting your participation. Whether you are a member of CUHK or a friend, no matter where you are, we invite you to witness our bliss, recount our story, celebrate our success, and support our efforts. And above all, encourage us to remain steadfast as we tread the path begun by our predecessors into the future, and continue to create knowledge and to cultivate talent for home, country and the world. 🌍



Please visit the 50th Anniversary website for updates on celebrations and events.



Eleventh Honorary Fellowship Conferment Ceremony

The Chinese University held its Eleventh Honorary Fellowship Conferment Ceremony on 14 May on campus. Six distinguished persons closely associated with the University were conferred honorary fellowships in recognition of their contributions to the University and the community. 🏆

Prof. Chang Shu-ting



Emeritus Professor of Biology at CUHK, world-renowned expert in mycology, Professor Chang has devoted himself to promoting mushroom biology all his life. He is currently the

director of the Hong Kong Microbiological Resources Centre sponsored by UNESCO, and also the director of the Centre for International Services to Mushroom Biotechnology under the aegis of UNIDO. He joined CUHK in 1960 and has made significant contributions by serving in different positions, including Dean of Science and chairman of the Department of Biology.

Mr. Fung Siu-to Clement



Chairman of Asia Standard International Group Limited, and chairman and executive director of Asia Orient Holdings Limited, Mr. Fung has served in various public capacities in

Hong Kong and on the mainland. Currently, he is a member of the University Council and chairman of the Board of Trustees of Shaw College. Mr. Fung has generously supported various worthy causes, including scholarships, sports and student amenities of Shaw College, and set up a community service project to support students who render services to underprivileged groups.



Prof. Jin Sheng-hwa Serena



Emeritus Professor of Translation at CUHK, Professor Jin has dedicated herself to a lifelong career of teaching and of promoting translation. She has published over 20

books and more than 100 theses and articles; served as a member of the Bilingual Laws Advisory Committee, and was awarded the OBE in 1997. Joining CUHK in 1965, Professor Jin played a pivotal role in the development of the Department of Translation. She has also devoted herself to many important administrative positions, including member of the University Council and sub-dean of the Faculty of Arts.

Prof. Lee Hon-ching



A noted artist based in the US who specializes in printmaking and sculpture, Professor Lee is unstintingly committed to artistic creation, teaching and the advancement

of art in the community. Currently art adviser to Chung Chi College and United College, Professor Lee has made substantial contributions to foster art and culture appreciation on campus. He has also generously supported many scholarships and research projects of the Institute of Chinese Medicine, the Hong Kong Literature Research Centre, the School of Life Sciences, and the Art Museum.

Dr. Lo Tak-shing Peter

Currently chairman of the K.S. Lo Foundation, Dr. Lo has been committed to promoting education, medical services, elderly care, social welfare and art for the benefit of the



public. Dr. Lo's family and the foundation have been unwavering benefactors of CUHK since the 1970s. In 2010, the foundation further donated a magnanimous sum to support biomedical sciences, including the research on soybean and other staple foods.

Dr. Yeung Ming-biu

An eminent leader with 60 years of experience in the watch industry, Dr. Yeung is chairman and executive director of Oriental Watch Holdings Limited, and also a co-founder of



the Group. A recipient of the World Outstanding Chinese Award in 2010, he serves in a number of important public service positions. Despite his success, he remembers his roots and cares about the welfare of the underprivileged in Hong Kong. As a long-time and staunch benefactor of CUHK, he has supported a number of CUHK scholarships, as well as sports and student activities.

Citations of the honorary fellows can be viewed at <http://www.cpr.cuhk.edu.hk/resources/press/pdf/4fb09b7155cb2.pdf>

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After the Higgs, What's Next?

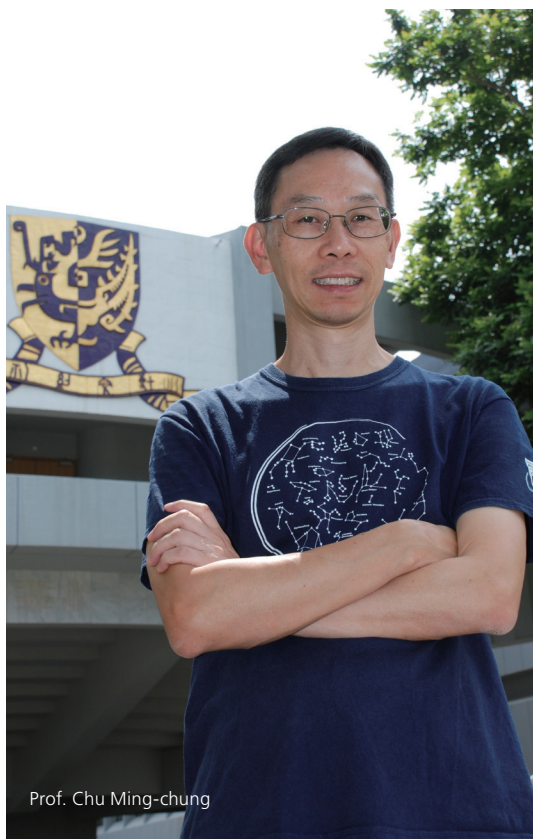
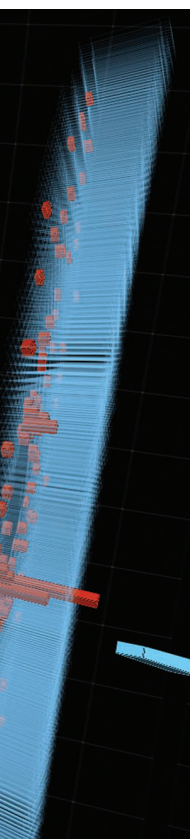
Through the ages, men have made strenuous effort to seek and interpret the origin of the universe from philosophical, religious or scientific perspectives. Recently, the most exciting and encouraging achievement was made in the quest for the mystical Higgs boson, a particle which gives mass to matter, whose existence has been speculated by physicists for decades.

Physicists view the physical universe in terms of fields, forces, particles, energy and matter. The standard model of particle physics explains its working as a combination of the weak nuclear force, the strong force and electromagnetism. That's all well and good, but there is a missing piece to the jigsaw. Where does the mass of the fundamental particles come from? And why do

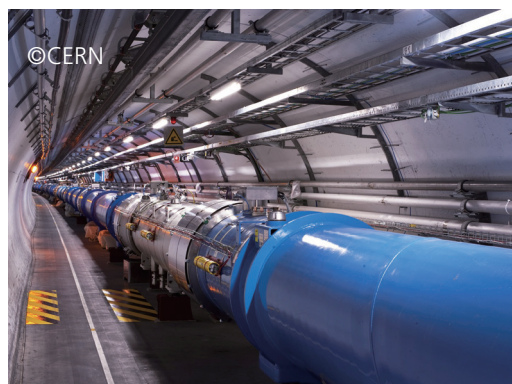


Prof. Peter Higgs

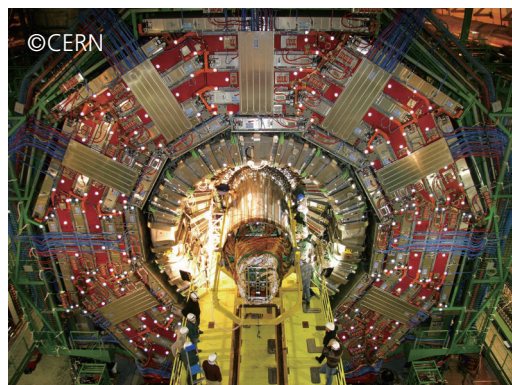
different particles have different masses? A half century ago, the Scottish physicist Prof. **Peter Higgs** theorized that there is an energy field which gives mass to particles trawled through it.



Prof. Chu Ming-chung



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Upper: LHC tunnel

Lower: Installation of the CMS silicon tracking system

Face-to-face with the God Particle

Prof. **Chu Ming-chung**, professor of physics at CUHK, likened the Higgs field to water. When we walk in water, we feel we are pulled back or weighed down, as if we have been given extra 'mass'. The Higgs field, suffused with mass or mass-giving particles, is similar to that. But how can we prove that it really exists? Man proposed, but God was not ready to dispose. The Higgs particle remained elusive, which accounted for its other name the 'God particle'. When the theory came out decades ago, the particle accelerators were not yet powerful enough to set loose the Higgs. But the arrival of the much more powerful Large Hadron Collider (LHC) in the later part of the 2000s changed all that.

The LHC at the European Organization for Nuclear Research (*Conseil Européen pour la Recherche Nucléaire*, CERN) in Geneva, 26.5 km in circumference and 90 m deep in the ground, can smash protons at 99.9999991% of the speed of light, thereby producing fireballs with effervescent particles such as the Higgs and leaving traces which can prove their existence. For some months since the beginning of 2012, the scientific community had been holding its breath in anticipation of the tracking and proving of the existence of the God particle. Then in July, the research teams at CERN announced that they had found a Higgs-like particle. The whole world erupted in euphoria. But a lot remains to be done.



The Daya Bay Reactor Neutrino Experiment Research Team comprises top scientists from all over the world who call themselves the 'ghostbusters'.

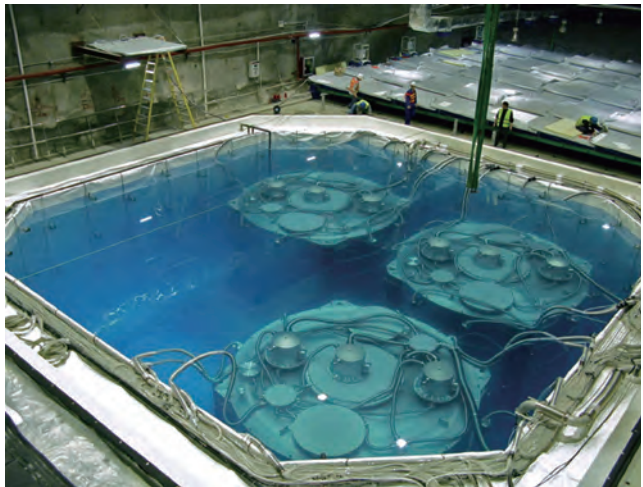
Professor Chu explained, 'The scientists at CERN would then have to measure the ratio of the different ways of decay of this Higgs-like particle, to see whether the particle is the same as the standard model Higgs. So they need to conduct more experiments to see all the decay modes of the particle. If the Higgs particle is indeed found, there are still quite a bit of other new physics phenomena that they are looking for at CERN. The most immediate is to test the theory of supersymmetry, which predicts a new class of particles called supersymmetric partners. If they cannot find these particles within the next few years, then the theory of supersymmetry will be in serious trouble, and so will many grand unified theories based on it. If they find these

supersymmetric partners, it will be important to characterize them. They may be the so-called "dark matter" of the universe, and their properties have great significance to astrophysics and cosmology as well.'

In Quest of Neutrino


Professor Chu is also the leader of the Hong Kong part of an international team in the Daya Bay Reactor Neutrino Experiment, which comprises 230 scientists from 39 institutes in China, the US, Taiwan, Russia and the Czech Republic. The Daya Bay Experiment will help to answer some of the most puzzling questions about neutrinos. Professor Chu said, 'Neutrinos are uncharged particles produced in nuclear reactions and are

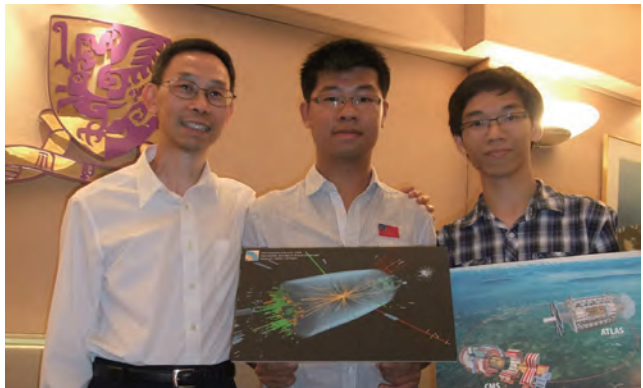
among the lightest fundamental particles with high penetrating power. Neutrinos are also called ghost particles. Like the Higgs, they are elusive and difficult to detect. We know they have a tiny mass, which may have acquired through interacting with the Higgs particles. While the discovery of Higgs is a confirmation of the standard model, neutrino oscillation (what we study at Daya Bay) is beyond the standard model. So neutrinos provide a promising window for us to study where the standard model trails off.'



Three antineutrino detectors submerged in pure water in the Daya Bay Far Hall, each 5 m in height and diameter. The Hong Kong team designed and built a subsystem in each of the detectors.

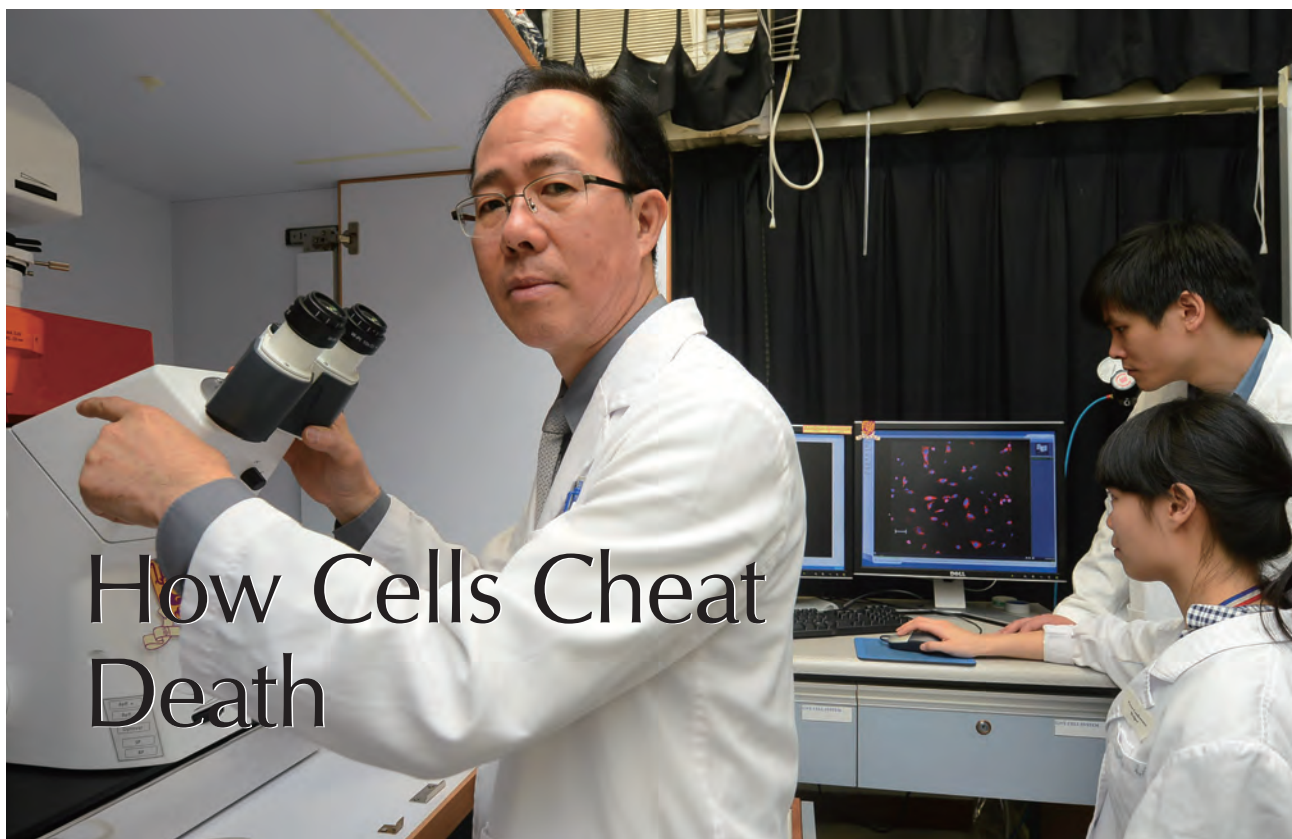
Nurturing Young Research Talent

The physics world is vast as the universe, and the explorations of our predecessors need to be continued by the younger generations. In view of that, CUHK has strengthened its collaboration with CERN with the signing of an agreement with the Compact Muon Solenoid Experiment (CMS) at CERN for CUHK scientists and students to take part in the research programme. CMS is one of the two major experiments at CERN and was designed to detect a wide range of particles and phenomena produced in high-energy collisions in the LHC. It therefore plays a part in detecting and confirming the existence of fundamental particles including the Higgs. CUHK students will continue to benefit from research experiences gained in the yearly CERN Summer Student Programme. 



Upper: 2011 CERN summer interns Kwok Ka-hei Martin (right) and Leung Shing-chau John (centre) learned a lot from the exchange. Both are pursuing master's studies while continuing to participate in CERN projects.

Lower: 2012 CERN interns Li Tsun-yin (right) and Tam Chun Nam take part in analyzing CMS detector's data.



How Cells Cheat Death

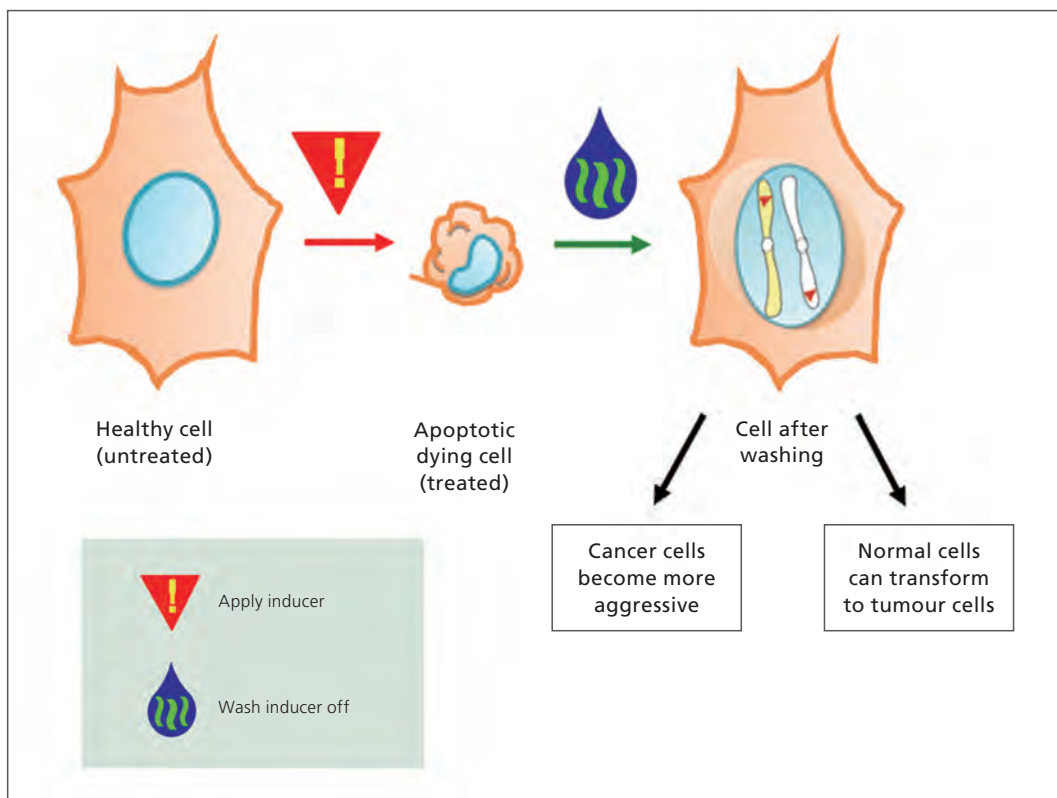
A study from CUHK in 2009 showed that cancer cells could evade the apoptotic dying process even after passing the presumed point of no return, and this may be one of the causes of cancer recurrences after chemotherapy. Now a new study from the same research team comprising scientists at CUHK and the Johns Hopkins University School of Medicine demonstrates that like cancer cells, normal cells can also evade apoptosis.

The study, appearing as a highlighted article in the 15 June 2012 issue of the *Molecular Biology of the Cell*, found that both normal cells and cancer cells can reverse chemical-induced apoptosis. And cancer cells become more aggressive while normal cells may turn cancerous

after they have reversed the dying process and survived.

The research team, led by Prof. **Fung Ming-Chiu** (above) from the School of Life Sciences, found that primary cells isolated from mice, rats and ferrets could also reverse apoptosis. They call the phenomenon '*anastasis*'—'rising to life' in Greek.


It is generally believed that once the cells pass critical checkpoints, the dying process is irreversible. Such checkpoints include cell shrinkage, breakdown of mitochondria, condensation of nucleus, breakdown of DNA, and activation of a decisive group of 'executioner' proteins called caspases, which destroy a large number of cellular targets.



DNA alterations as a consequence

Professor Fung compares chemical-induced apoptosis to demolition of buildings. 'During the process of apoptosis, enzymes break up chromosomal DNA like demolition workers taking down a building. If you say: "Well, I don't want to take it down now, please rebuild it." Then, the DNA damage has to be repaired. But DNA repair may go wrong. It's like you won't have a hundred per cent original after you have taken down and rebuilt a historical building. The surviving cells may bear chromosomal abnormalities and acquire mutations. Certain mutations will lead to uncontrolled cell growth and proliferation. That means reversal of apoptosis may cause normal cells to become carcinogenic.'

In the case of cancer cells, the cells that undergo reversal of apoptosis after anticancer treatment could acquire new mutations and thus transform into more aggressive and metastatic cancers. The good news is that the research team found that soybean extract, with an anticancer compound known as genistein, could inhibit the recovery from apoptosis in cancer cells. In future studies, the researchers plan to test the extract on animals and carry out human clinical trials.

The research team's finding provides a new route to understanding the basic biology, and suggests new therapies such as enhancing the effect of chemotherapy by inhibiting anastasis. 



New Colleges, New Lessons

The 2012 summer welcomed a double cohort of students and saw a broader array of orientation activities organized by the Colleges and departments. Two new Colleges which received their first batch of students this year infused their orientation programmes with new elements, instilling a sense of civic awareness in their students.

In line with its mission of 'Entrepreneurial Spirit with Social Responsibility', Wu Yee Sun College enabled its students to emerge themselves in the community. In collaboration with the Hong Kong Organic Waste Recycling Centre, it organized a site visit for students to witness how kitchen waste can be recycled and reused. The growing of mushrooms on coffee grounds was an example. Students also had the chance to try

their hands at organic farming as arranged by Friends of the Earth.

In a cooking contest organized by the College, students were given canteen leftovers as ingredients and were asked to design creative menus with them. They managed to prepare tasty dishes with the limited resources which won commendation from Prof. Joseph J.Y. Sung, the Vice-Chancellor, and Prof. Rance Lee, the College Master.





C.W. Chu College incorporated the spirit of giving and social harmony into its O-camp by devoting one full day to community outreach so students could observe the needs of different strata of society.

A visit to Tin Shui Wai offered students a chance to know more about the plight of families on comprehensive social security assistance, and an unprecedented glimpse into the poor side of this modern city. Those who helped with weeding at a farm in New Territories North learnt about organic farming and how land development has impacted the lives of the inhabitants through a chat with the farmers. For those who visited the

minority community, they began to grasp what discrimination really means.

After their excursions, the students came back to campus to discuss their experience and report to their teachers, and were asked to make proposals for community development. It was the hope of the College to instil proper values in its students through first-hand experience and introspection.

These one-of-a-kind orientation activities reminded the freshmen of their responsibility to society on their first day of school, and helped to set the right tone for their university education. 🌱



Keep the Books and Knowledge Flowing

Organized by the I•CARE Programme, the Homecoming Book Festival was held in Sir Run Run Shaw Hall from 8 to 18 October. Some 10,000 tomes donated by alumni and teachers of CUHK were on display in the Foyer Gallery. Besides books on history, philosophy and literature, there were reference books and a small number of comics. These were shelved in batches, and members of CUHK could read at leisure and take home five of their favourites free-of-charge. On 9 October alone, close to 5,000 books were given away.

Book lovers packed the gallery day and night, and all were busy burying themselves in a mountain of books and reading their new-found jewels on-the-spot. Beanbag couches were strewn all over the floor so such acquaintances could be made in

relative comfort. Those who had got their dream books said when they had finished reading them, they would be more than glad to pass them to others.

Alumnus Dr. **Louie Kin-sheun** who donated a large number of books named the benefits of the event. 'Alumni find new homes for their old books. Students get to read for free. It promotes reading on campus. Graduates and students build a spiritual link through books.'

From 10 October, the barter market commenced. Students and staff were encouraged to take one book from the festival in exchange for one of their own. Each person could exchange a maximum of two books. Many traders were pretty surprised about the good quality books



Dr. Louie Kin-sheun (right)



Prof. Chow Po-chung



awaiting them. The goals of the festival were 'to facilitate book circulation, to transmit knowledge and to create new life to old books,' concluded Prof. **Chow Po-chung**, convener of the I-CARE Programme.

The book festival has built a home of books for the CUHK community. It also helped to transmit knowledge and wisdom, and more importantly, to guide our younger generations by lighting up a beacon on their paths. 📖

Orthopaedician Awarded for Teaching Excellence

Prof. **Shekhar M. Kumta**, Professor in the Department of Orthopaedics and Traumatology of CUHK's Faculty of Medicine, was awarded a 2012 UGC Award for Teaching Excellence by the University Grants Committee.

Professor Kumta joined CUHK in 1989 and has won many CUHK teaching awards including the Vice-Chancellor's Exemplary Teaching Award. He has made extensive use of an e-learning platform that simulates complex cases and allows students to learn individually at their own pace before gaining practical experience with real patients. He has also developed the innovative Formative Assessment Case Studies (FACS) e-learning platform, in which students make complex management and diagnostic decisions and receive formative feedback.

As a young man in India, Kumta became captivated with the full array of facilities, equipment and procedures of the emergency treatment regime in a hospital and how they helped a family friend to recover after his legs were fractured. 'I decided, there and then, that medicine would be my career and helping others as a medical practitioner my goal in life.'

His approach to medical education, which emphasizes the contextual relevance of patients' problems to the underlying basic science through the structured exposure of students to clinical

cases, has been widely praised and included in the AMEE (Association of Medical Education in Europe) Guides to Clinical Teaching as a blueprint for other clinical teachers.

However, Professor Kumta is too seasoned a medical practitioner to ignore that cure is administered by people as much as by technology. He does not only sharpen the mind of his students but also prepares their souls for the many tough choices and decisions lying ahead in their career. In one particularly impressive project, he allowed and closely supervised his students and interns to come into close contact with patients with terminal bone cancer so as to cultivate their sense of empathy through eye-witnessing the pain and suffering of terminally ill patients.


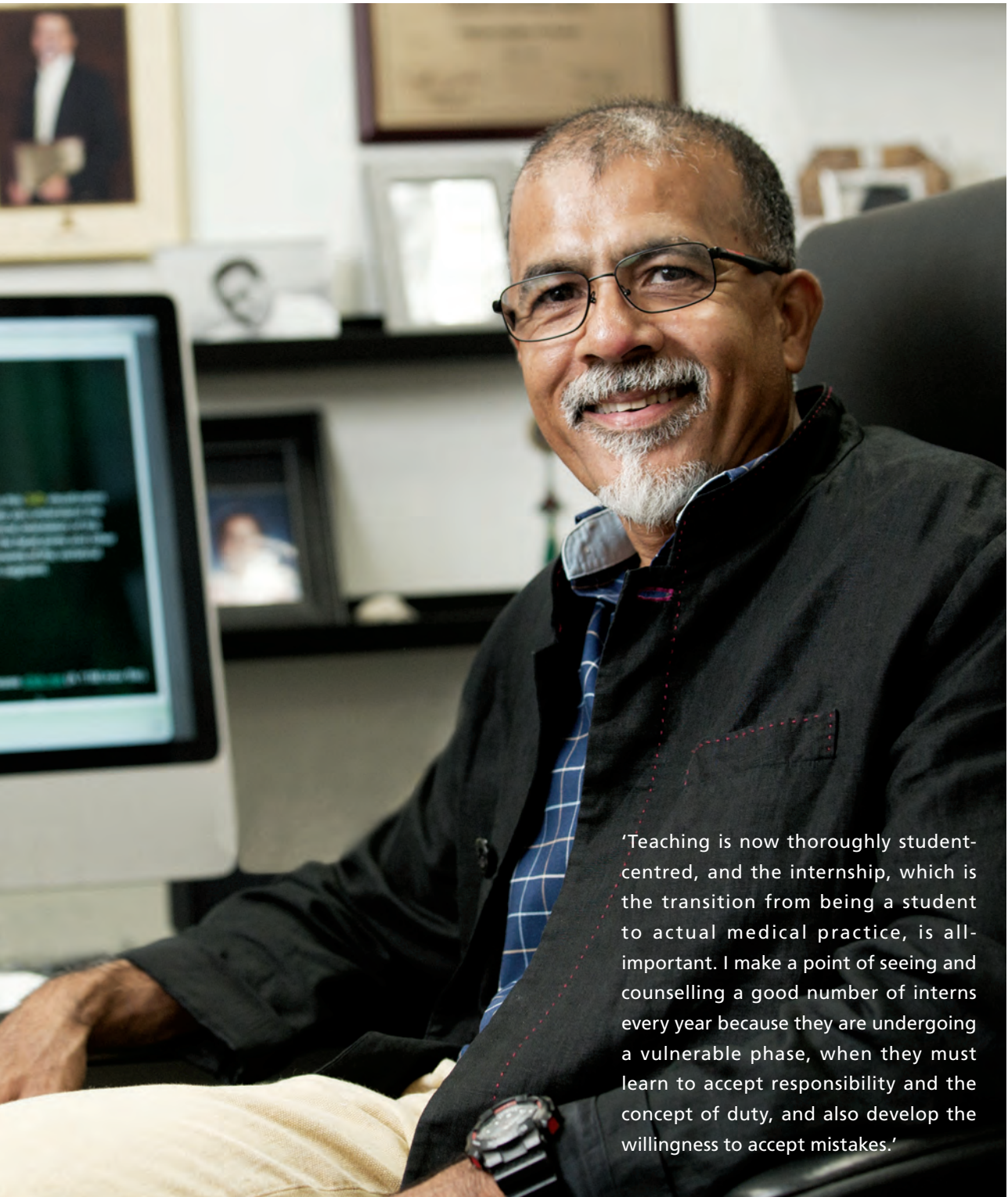
Professor Kumta considers it a privilege to be given the opportunity to teach, for teaching comes with responsibility. 'What we teach and the way we teach will touch the lives of many countless others.' He has decided to use the award money for the cost-effective development and application of mobile learning technology in the delivery of healthcare and health science education, and to run workshops which will facilitate knowledge and skills transfer among medical and health students and practitioners. 



Photo by Keith Hiro



'Teaching is now thoroughly student-centred, and the internship, which is the transition from being a student to actual medical practice, is all-important. I make a point of seeing and counselling a good number of interns every year because they are undergoing a vulnerable phase, when they must learn to accept responsibility and the concept of duty, and also develop the willingness to accept mistakes.'

The Best and the Brightest

Engineering Students Shine in Greater China Design Contest

Yip Chun-wa, Lam Ho-yi, Mok Tsz-tung and Sa Yat-sing from the Department of Mechanical and Automation Engineering won the championship in the First Greater China Design Competition by designing a refuse sorting device that uses a sound detection system to sort recyclable materials such as aluminium, plastic and glass. Hosted by the Institution of Mechanical Engineers (Hong Kong Branch), the competition was held in Guangzhou's South China University of Technology in March 2012.



The winning team and supervisor Dr. Li Yiyang (1st right)

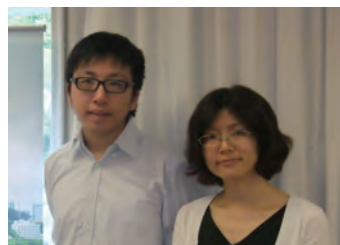


Engineering Students Win Intel Cup

Three undergraduates Shu Jianfei (right), Chan Chun-kit (centre) and Liu Ruifeng (left) from the Department of Computer Science and Engineering developed the Chinese Sign Language Recognition and Translation System for Deaf Mutes. It records the three-dimensional positions of hand gestures in sign languages with Microsoft Kinect, recognizes them with learning-based techniques, and translates them into words or sound. With this innovative design, the team won the championship in the 2012 Intel Cup Undergraduate Electronic Design Contest—Embedded System Design Invitational Contest held in Shanghai.

Postgraduate Students Join Leadership Programme in Hawaii

Two postgraduate students Yang Yanan (right) and Chan Chung-yiu (left) were awarded the Paul M F Cheng East West Center Leadership Scholarship to go to the East West Center in Honolulu in August for a five-month Asia Pacific Leadership Programme. In 2012, the programme selected 38 elite participants from East Asian countries, including three from Hong Kong.



Students Awarded HSBC Overseas Scholarships



Chik Nga-man Hermia (right) (majoring in laws) and Wu Ho-fai Alexis (left) (majoring in quantitative finance) have been awarded the HSBC Overseas Scholarships of HK\$300,000 each for a one-year study (2012–13) as visiting students to the University of Oxford and the London School of Economics and Political Science, respectively.

Second Victory for Women's Squash Team

The CUHK Women's Squash Team clinched the second championship of the University Sports Federation of Hong Kong Cup on 25 February. The team landed its first victory last year.



Winners Leung Shin-nga (centre), Mak Pui-hin (2nd right), and coach Chan Chi-ming (1st right) and Lo Yuen-cheong (1st left), director of the PE Unit

Rowing Team Champions 11th Year in a Row

The CUHK Rowing Team swept both the men's and women's team top prizes, and won the overall championship for 11 consecutive years in the Jackie Chan Challenge Cup Hong Kong Universities Rowing Championships 2012 held in August.



APPOINTMENTS

New/Reappointed Council Members



- Mr. Hamen S.H. Fan (left) has been elected by the Board of Trustees of Shaw College to serve as Council Member, succeeding Dr. Lee Woo-sing, from 1 July 2012 to 9 September 2014.
- Mr. Simon H.W. Wong (right) has been elected by the Convocation as Member of the Council for a period of three years from 12 July 2012, succeeding Mr. Raymond Y.M. Luk.
- Mr. John K.H. Lee has been re-elected by the Convocation as Member of the Council for a period of three years from 12 July 2012.



New Associate Pro-Vice-Chancellor

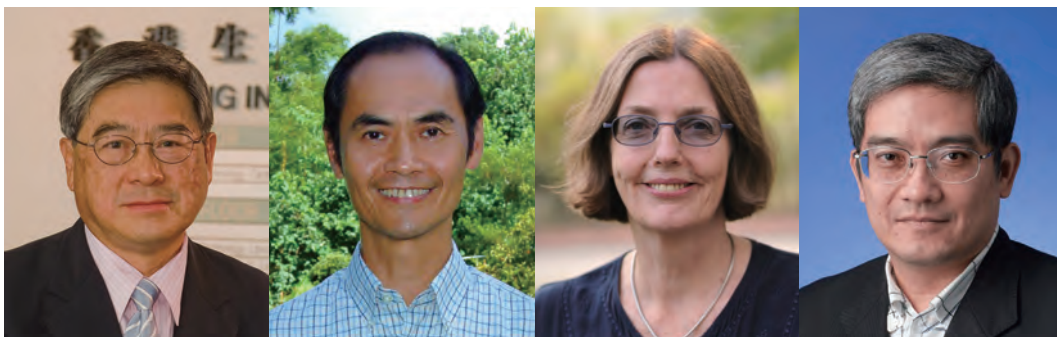
The Council has approved the appointment of Prof. Gordon W.H. Cheung, professor in the Department of Management, as Associate Pro-Vice-Chancellor for three years from 1 August 2012.



New/Reappointed College Head/Master

- The Council of CUHK has appointed Prof. Jimmy C.M. Yu (photo), professor in the Department of Chemistry, as Head of United College for a period of four years from 1 August 2012, succeeding Prof. Fung Kwok-pui.
- The Council has approved the re-appointment of Prof. Sir James Mirrlees as (Founding) Master of Morningside College for a further period of three years from 1 January 2013.

Emeritus Professors



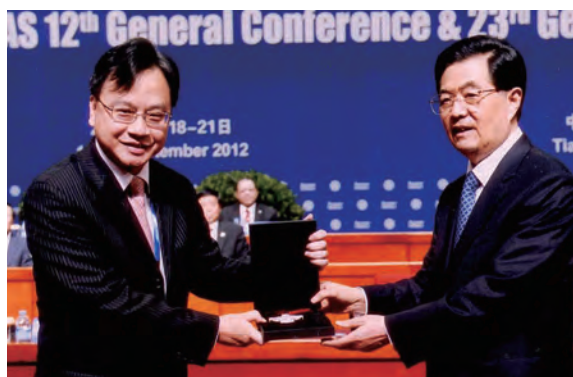
Four professors have been awarded the title of Emeritus Professor. They are (from left):

- Prof. Ho Kwok-keung Walter, School of Life Sciences (with effect from 18 January 2012)
- Prof. Leung Yee, Department of Geography and Resource Management (with effect from 1 August 2012)
- Prof. Carmel M. McNaught, Centre for Learning Enhancement And Research (with effect from 1 August 2012)
- Prof. Lang Hsien-ping, Department of Finance (with effect from 1 September 2012)

Prof. Dennis Lo Awarded International Honours

Prof. Dennis Lo Yuk-ming, Li Ka Shing Professor of Medicine, has received the 2012 AACC-NACB Award for Outstanding Contributions to Clinical Chemistry in a Selected Area of Research from the American Association for Clinical Chemistry (AACC) and the National Academy of Clinical Biochemistry (NACB) for his ground-breaking work in non-invasive

prenatal diagnosis. He is the first Chinese to receive the honour. Professor Lo also received the 2012 Ernesto Illy Trieste Science Prize instituted by the World Academy of Sciences for the Advancement of Science in Developing Countries and illycaffè. The prize is designed to reward scientists whose research has had a significant impact on sustainable development.



Mr. Hu Jintao (right), China's President, presents the Ernesto Illy Trieste Science Prize to Prof. Dennis Lo



Prof. Rossa Chiu Awarded APEC Science Prize

Prof. Rossa W.K. Chiu of the Department of Chemical Pathology was awarded the 2012 Asia-Pacific Economic Cooperation (APEC) Science Prize for Innovation, Research and Education for her

research and development of non-invasive prenatal diagnostic approaches, and her efforts to promote cross-border scientific and technological cooperation in health innovations.



Prof. Du Ruxu Elected Fellow of Society of Manufacturing Engineers

Prof. Du Ruxu of the Faculty of Engineering was elected a Fellow of the Society of Manufacturing Engineers for his significant accomplishments in the field of manufacturing engineering. Six industry leaders from around the world received the award in 2012.



Prof. Albert Lee Elected to Institute of Medicine

Prof. Albert Lee, professor and founding director of Centre for Health Education and Health Promotion of the Jockey Club School of Public Health and Primary

Care of CUHK, has been elected to the Institute of Medicine of the US National Academies. Professor Lee is one of the 10 foreign associates elected in 2012.

Ultra High-speed Internet on the Horizon

Prof. Liu Renbao of the Department of Physics made a key breakthrough towards ultra high-speed optical communication that has potential to speed up the current Internet by 10,000 times. The research findings have been published in *Nature*.

Professor Liu and researchers Ben Zaks and Mark Sherwin at the University of California, Santa Barbara, used free electron lasers to irradiate a semiconductor device, and observed THz frequency comb, i.e., modulation of light at one trillion times per second (Tb/s), which is a key element in future optical communication at Tb/s rate. This new technology has the potential to transfer data 10,000 times faster than copper cables, on which the current Internet is widely based.



Breakthrough in Remote Sensing Image Fusion Technology



The Precision Remote Sensing Group led by Prof. Huang Bo of the Department of Geography and Resource Management and the Institute of Space and Earth Information Science has developed the world's first unified remote sensing image fusion technology to generate synthetic imagery with simultaneously high spatial, temporal, spectral, and angular resolution. This technology can capture complex structures and changes in a dynamic, high-density urban environment, contributing to environmental and ecosystem monitoring. Related papers have been published in journals, including *IEEE Transactions on Geoscience and Remote Sensing*.

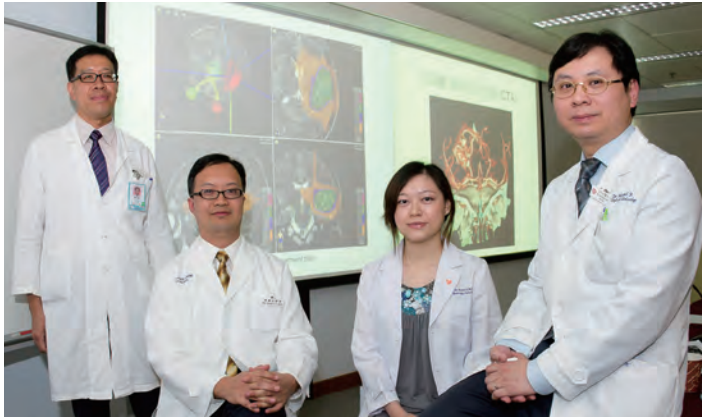
Long-standing Mystery of Human Reproduction Solved

A research team led by Prof. Chan Hsiao-chang, director of the Epithelial Cell Biology Research Centre, has discovered the important role of the epithelial Na⁺ channel in embryo implantation. The findings solve a long-standing mystery surrounding human reproduction and shed new light on the cause of miscarriage and the low success rate of in vitro fertilization (IVF). It also provides a novel method for the diagnosis of infertility and for contraception. The research was published in the July 2012 issue of *Nature Medicine*.



New Technology Cures Cerebral Arteriovenous Malformation

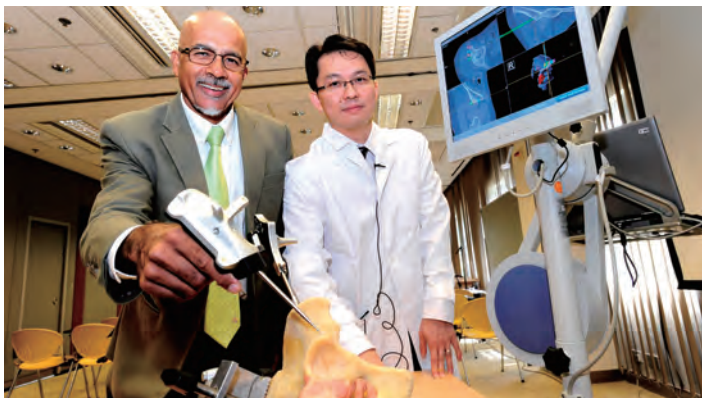
In a collaboration research effort, researchers from the Department of Surgery, the Department of Imaging and Interventional Radiology, and the Department of Clinical Oncology have proven that linear accelerator radiosurgery can cure cerebral arteriovenous malformations (AVM), clusters of abnormal connecting vessels between arteries and veins. The treatment involves directing focused radiation beams precisely to AVMs in a single session. The non-invasive radiosurgery acts on the endothelial cells lining its blood vessels. These cells tend to multiply after the treatment and produce clots, which diminish blood flow through the tangle of vessels, eventually turning AVMs into harmless scars. The results were published in the July 2012 issue of the *Journal of Clinical Neuroscience*.



Mr. Ngar Yuen-kan Dennis (1st left) and Dr. Kam Koon-ming Michael (1st right) in the Department of Clinical Oncology, Prof. Wong Kwok-chee George (2nd left) in the Department of Surgery, Dr. Siu Yung-woon Deyond (2nd right) in the Department of Imaging and Interventional Radiology

Treating Bone Cancer with Computer-assisted Surgery

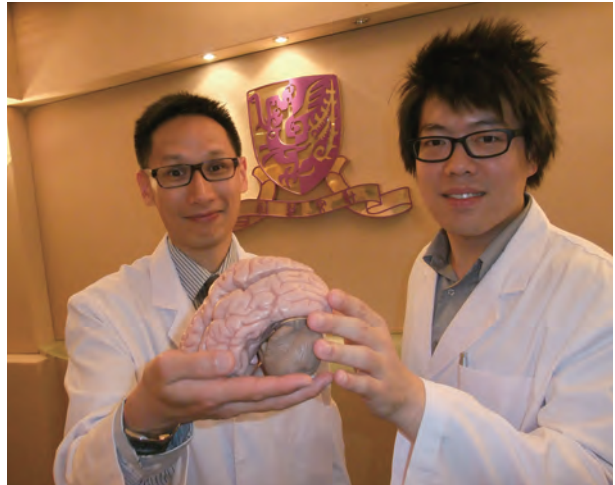
The Department of Orthopaedics and Traumatology pioneers computer-assisted tumour surgery (CATS) for treating bone cancer. Since 2006, surgeons at CUHK have developed and refined the technique, which is particularly useful in complicated surgery, such as pelvic/sacral tumours removal and paediatric bone cancers. CATS has been successfully applied to 32 bone cancer patients. The technique, which involves the integration of all diagnostic images, not only allows detailed analysis of the position of a tumour, but also enables precise virtual surgical simulation and resection planning. The surgical plan can be executed with the help of a computer navigation system to achieve a high level of precision and accuracy. This technology helps increase the chance of total tumour resection and preserve normal bone tissues and joints.



Prof. Shekhar M. Kumta (left) and Dr. Wong Kwok-chuen in the Department of Orthopaedics and Traumatology demonstrate simulated bone tumour removal surgery

Pathogenic Pathways of Spinocerebellar Ataxias Revealed

Prof. Chan Ho-yin Edwin in the School of Life Sciences and his research team have discovered that the failure of RNA (ribonucleic acid, a form of nucleic acid that transmits genetic information contained in DNA and synthesizes proteins) to transmit genetic code properly is a cause of spinocerebellar ataxias (SCAs), an incurable disease. The findings mean that scientists and clinicians are now in a better position to develop a cure for SCAs at the molecular level. The breakthrough findings have been published in the *Proceedings of the National Academy of Sciences of the United States of America*.



Prof. Chan Ho-yin Edwin (left) and his PhD student Mr. Frankie H. Tsoi

New Method to Raise Cerebral Blood Flow in Stroke Patients

A research team led by Prof. Wong Ka-sing Lawrence (right), head of the Division of Neurology, Department of Medicine and Therapeutics, and Prof. Leung Wai-hong Thomas (left), associate professor of the same division, proved that external counterpulsation (ECP) can improve blood flow to the brain and collateral circulation, thereby speeding up the recovery of stroke patients. The results of this study were published in the September 2012 issue of the American journal *STROKE*. ECP uses six air cuffs wrapped around the patient's hip, thighs and calves. While the heart is relaxed, the cuffs inflate to compress blood vessels in the lower limbs and aorta, and increase blood flow to the heart.



When the heart pumps again, the cuffs deflate, releasing pressure which brings blood flow to the coronary arteries and vital organs, and improves cardiac function. By channeling the blood flow from the lower limbs to the brain, cerebral blood flow is increased.

Grand Opening of Lo Kwee-Seong Integrated Biomedical Sciences Building



The grand opening of the Lo Kwee-Seong Integrated Biomedical Sciences Building, attended by over 150 guests and members of the University, was held on 29 August. The nine-storey building with a gross floor area of 18,264 m² has been functional since the first quarter of 2012. Located in Area 39, it houses various facilities including theme-based laboratories with open-laboratory format, a demonstration laboratory, seminar rooms, research commons, meeting rooms, breakout areas and administrative offices.

Lee Quo Wei Cardiovascular Centre Opens



The CUHK-PWH Lee Quo Wei Cardiovascular Intervention Centre officially opened on 2 April. Established in 2010, the centre is equipped with advanced imaging and invasive equipment. It comprises a multidisciplinary team and performs more than 2,500 invasive cardiovascular procedures every year. The centre serves a population of 1.3 million people living in New Territories East, and acts as a referral centre for cardiovascular diseases in Hong Kong.

Youth Urological Treatment Centre Opens



Funded by the Beat Drugs Fund and established by the Department of Surgery, the Youth Urological Treatment Centre (YUTC) held its opening ceremony on 19 March. The first of its kind in Hong Kong, YUTC provides one-stop urological assessment and treatment specifically to youth suffering from urinary tract dysfunction as a result of psychotropic substance abuse. YUTC is jointly run by paediatric and adult urologists of the Department of Surgery with the full support of the hospital management of the New Territories East Cluster. It renders day-care service to young substance abusers under the age of 30.

Lee Wing Kit Advanced Ophthalmic Training and Education Centre Opens



The Lee Wing Kit Advanced Ophthalmic Training and Education Centre (AOTEC) at CUHK held its grand opening on 8 November. Located on the 4th floor of the Hong Kong Eye Hospital, AOTEC is equipped with state-of-the-art training and education facilities to provide knowledge of ophthalmic and visual sciences to both undergraduate medical students and postgraduate research students, basic training to ophthalmic residents, subspecialty training to subspecialty trainees, and advanced training to ophthalmology subspecialists. AOTEC was named after the late Mr. Lee Wing-kit in recognition of the support from the Lee family to the University's development.

Lee Quo Wei CUHK Golden Jubilee Scholarship Endowment Fund



The University has received a generous donation of HK\$30 million from Dr. the Honourable Lee Quo-wei, Mrs. Helen Lee and the Wei Lun Foundation to set up the Lee Quo Wei CUHK Golden Jubilee Scholarship Endowment Fund. The fund will generate investment returns to support scholarships for mainland students, medical and law students, as well as exchange scholarships in perpetuity. The scholarships will be disbursed starting from 2013–14. The inauguration ceremony of the fund was held on 20 September.

Chen Shupeng Geoinformation Science Book Gallery Unveiled



The Institute of Space and Earth Information Science has received a donation of RMB¥1 million from the China Soong Ching Ling Foundation for establishing a book gallery, organizing conferences and setting up scholarships. Unveiled on 5 July, the gallery is named after Prof. Chen Shupeng in memory of his distinguished achievements in remote sensing science. The late academician Prof. Chen Shupeng is the founder of remote sensing and geographical information systems in China.

Chow Tai Fook Charity Foundation Supports I•CARE Programme



The Chow Tai Fook Charity Foundation made a generous pledge of HK\$10 million to inspire CUHK alumni to support the I•CARE Programme. Every dollar an alumnus gives will be matched dollar for dollar up to a sum of HK\$10 million. Mr. Cheng Kar-shing Peter (right), chairman of Chow Tai Fook Charity Foundation, said that the foundation identified with the programme's vision of promoting students' holistic development through social and civic engagements and was impressed by the alumni's fundraising initiatives.

CNOOC Donates HK\$15 Million to Support Mainland Students



The China National Offshore Oil Corporation (CNOOC) generously donated HK\$15 million to the University to establish the CNOOC Scholarships to support outstanding mainland students to pursue their studies at CUHK. Scholarship recipients will receive full sponsorship covering tuition and living expenses. Mr. Li Fanrong (right), chief executive officer and president of CNOOC Limited, presented the cheque to Prof. Joseph J.Y. Sung (left), Vice-Chancellor of CUHK, on 29 March.

Wu Jieh Yee Charitable Foundation Supports Shiu-Ying Hu Herbarium



Dr. Patrick P.K. Wu (left) presents the cheque on behalf of Wu Jieh Yee Charitable Foundation to CUHK

The Wu Jieh Yee Charitable Foundation has donated HK\$8 million in support of research, education and social service programmes of the Shiu-Ying Hu Herbarium. These include the collection and preservation of protected native flora; research on the authentication of economic and medicinal plants; the setting up of a website, a visitor centre and an online database; and the organization of educational activities and volunteer programmes to promote botanical research and knowledge transfer. The University named the herbarium after Professor Hu to commemorate her lifelong devotion and contributions to botanical research.

Donations to Promote *Kunqu* and Cantonese Opera

The University held the *Kunqu* Research and Promotion Project inauguration-cum-donation ceremony on 20 March to thank Mr. Yu Chi-ming Gabriel, chairman (4th left, right photo), iTVentures Group, and Mrs. Teresa Yu (3rd left, right photo) for their generous donation of HK\$2.3 million to support the project and performances for the course 'The Beauty of *Kunqu* Opera'.



Fong Yim-fun (centre, front row, right photo), a Cantonese opera diva who earned the title of 'Queen of Leading Actresses', generously donated HK\$3 million to Shaw College for promoting the art of Cantonese opera. Prof. Joseph J.Y. Sung (2nd left, front row, right photo), Vice-Chancellor of CUHK, and Prof. Andrew C.F. Chan (2nd right, front row, right photo), Head of Shaw College, accepted the donation from Ms. Fong at a ceremony held on 29 September.



Sixty Units Pledge to Go Green



Organized by the Campus Planning and Sustainability Office, the 'Green Office Programme' (GO!) was launched in May 2012. Focusing on four priority areas: energy conservation, waste reduction, green purchasing, and enhancing awareness and engagement, the programme encourages academic, administrative and service units to participate in and commit to some common, simple, effective and achievable green practices. Representatives from the

60 participating offices including the whole management team, the nine Colleges, the Student Union and four student bodies made the pledge to support and put sustainability into action.

Future of Public Higher Education in the 21st Century



Global education leaders gathered at CUHK on 18 June for a forum on 'The Public Interest and the Future of Public Higher Education in the 21st Century' to share their thoughts on the role of public universities in advancing the public good. The leaders included Prof. Benjamin W. Wah (7th right), Provost of CUHK; Dr. Richard T. Armour (6th left), Secretary-General of the University Grants Committee; and Prof. David Ward (8th right), Chancellor of the University of Wisconsin-Madison. Professor Wah cautioned the audience against over-indulgence in rankings as these assessments were selective and incomplete. Dr. Richard T. Armour challenged the audience to consider whether higher education has a place in contributing to the public good by drawing examples from Hong Kong, the US and the UK.

Hu Shuli on Journalistic Utopia

Ms. Hu Shuli, editor-in-chief of Caixin Media, and dean of the School of Communication and Design at Sun Yat-sen University, Guangzhou, was invited to host the University Lecture on Civility titled 'Covering Truth in Thriving China: A Journalistic Journey to Utopia' on 25 September.



Shenzhou Astronauts Visit CUHK

The Tiangong-1/Shenzhou-9 space mission delegation visited CUHK on 12 August, meeting with some 500 students from eight tertiary institutions. The delegation was led by Niu Hongguang (3rd right), deputy commander-in-chief of the manned space programme, Zhou Jianping (1st right), designer-in-chief of the programme, and astronauts Jing Haipeng (2nd left), Liu Wang (2nd right) and Liu Yang (1st left)—China's first female astronaut.



In his welcoming speech, Prof. Joseph J.Y. Sung, Vice-Chancellor of the University, said that CUHK and the China's Astronaut Research and Training Centre would collaborate to conduct research on the maintenance of musculoskeletal health, and the physical and psychological impact of prolonged space travel.

CAS Academicians on Earth Energy

The fifth Chinese Academy of Science (CAS) Academicians Visit Programme was held in February 2012. Six CAS academicians joined the delegation this year, including Prof. Wang Naiyan (3rd right, front row) of the China Institute of Atomic Energy; Prof. Li Can (3rd left, front row) of the Dalian Institute of Chemical Physics; Prof. Lin Xueyu (2nd right, front row) of Jilin University; Prof. Wang Jiyang (2nd left, front row) of the Institute of Geology and Geophysics; Prof. Zheng Youdou (1st right, front row) of Nanjing University; and Prof. Zhou Xiaoxin (1st left, front row) of the China Electric Power Research Institute, CAS. They shared their views on earth energy, ranging from water resource, geothermal



energy, semiconductor energy, solar energy to new energy and inertial confined fusion. More than 300 people, including academics, researchers, students, and members of the public attended the lectures.

Dr. Stephen M. Young on America's Renewed Commitment to Asia

Dr. Stephen M. Young, Consul General of the United States of America in Hong Kong and Macau, delivered a lecture at CUHK on 'America's Renewed Commitment to Asia and What It Means for Hong Kong and Macau' on 12 April. He stated that it was time for the US to adjust its strategic focus on the Asia-Pacific region again and envisioned that the US and the Asia-Pacific could find more ways to work together to build a secure, open, free, transparent, and fair environment in the region.



Dr. Lam Bun-ching on Global Music

Dr. Lam Bun-ching, internationally renowned composer, had been invited to serve as Chung Chi College Siu Lien Ling Wong Visiting Fellow 2011–12. Dr. Lam was the keynote speaker of the College's Annual Education Conference 'Identity and Difference: the Contemporary Artist in Global and Local Culture' held on 4 February.



Prof. David C.L. Liu on College Education

Prof. David C.L. Liu, William Mong Honorary Chair Professor of Computer Science, Tsing Hua University, Taiwan, and Sir Run Run Shaw Distinguished Visiting Scholar 2011–12, spoke on 'A College Student of the 21st Century: Educated and Civilized' on 8 February.

Lectures by Shaw Laureates

Prof. Jane Luu (left) and Prof. David C. Jewitt (right), Shaw Laureates in Astronomy 2012, lectured on the Kuiper Belt discovery on 18 September at the Shaw College. The lectures attracted an audience of close to 360. Prof. Jane Luu, technical staff of Lincoln Laboratory of the Massachusetts Institute of Technology, and Prof. David C. Jewitt, professor of astronomy and the director of the Institute for Planets and Exoplanets, UCLA, were awarded for their discovery and characterization of trans-Neptunian bodies, an archaeological treasure dating back to the formation of the solar system and the long-sought source of short period comets.



Symposium on Pharmacovigilance

Co-organized by the Centre for Food and Drug Safety, Faculty of Medicine, CUHK, the Department of Health, and the Hospital Authority, the third annual Symposium on Pharmacovigilance was held on 19 March. Over 110 health care professionals, academics, and pharmaceutical associates discussed how their joint efforts



could help safeguard the efficacy, safety and quality of medicines available in the market. Prof. Hervé Le Louet (3rd left, front row) of the University Paris-Est Créteil, and Prof. Brian Tomlinson (2nd left, front row), Professor of Medicine and Therapeutics, CUHK, gave keynote speeches.

Two International Poets in Hong Kong



The CUHK 'International Poets in Hong Kong' event invited poets Gary Snyder (left) and Adonis (right) to visit Hong Kong in April and October, respectively. A series of poetry activities took place during their stay in Hong Kong, including recitations, symposia and public lectures.

Snyder is a famous American poet while Adonis, a perennial contender for the Nobel Prize in Literature, is one of the most important poets and theorists of literature in the Arab world.

Dr. Fu Yuning on Hong Kong-Guangdong Economic Cooperation



Dr. Fu Yuning, chairman, China Merchants Group Limited, was invited by the Institute of Global Economics and Finance to deliver a public lecture on 'Economic Cooperation between Hong Kong and Guangdong: Development, Challenges and Prospect' on 28 February. Dr. Fu indicated that new collaboration models between the two cities could be explored in areas such as service sector, industry upgrade and new technologies. He also pointed out that local universities should play a more important role in transferring their research into viable products so that a win-win situation and sustainable development of the region could be achieved.

Questionnaire on Chinese University Bulletin

As part of our continuous effort for improvement, the *Chinese University Bulletin* is conducting a survey to collect readers' views about the publication. The questionnaire is anonymous and should only take a few minutes of your time to fill out. You may choose to fill out the online questionnaire at www.iso.cuhk.edu.hk/survey/bulletin/ OR on paper and return it by fax to 2603 6864. Your comments will be valued and we thank you for your support to the *Bulletin*. Please note that readers who have responded to the questionnaire in 2012 will not need to send in their response again.

Section A: Tell us about yourself

1. Are you a member of the CUHK community?
 yes no (Please proceed to Question 3)
2. You are a/an
 undergraduate student postgraduate student
 teaching staff non-teaching staff
 alumni others (please specify) _____
3. Your sector:
 tertiary education secondary education
 government/public organizations business
 others (please specify): _____
4. Is the *Bulletin* your only source of information about CUHK other than the newspapers?
 yes no
If not, from what other source(s) would information about CUHK come to you (except the newspapers)?

5. Which edition of the *Bulletin* do you read?
 Chinese edition English edition both
6. Normally how do you get your copy of the *Bulletin*?
 in the mail campus mail online
 from offices of the Colleges/departments/administrative units
 at dormitories or other public places on campus
 others (please specify): _____
7. Would you prefer reading the *Bulletin* online (www.iso.cuhk.edu.hk/english/publications/bulletin/) and stop receiving the print version?
 yes no
If so, please provide your name under which you receive the print version and the reference number in the top right corner of the mailing label (if applicable).

8. Would you prefer having the online *Bulletin* delivered to your e-mail account?
 yes no
If so, would you mind giving us your e-mail account for the said purpose?

9. Besides reading, what other uses would you make of the *Bulletin*?

- keep it as reference or archive
- send it to others to share some articles or news
- take it with you on official occasions or trips to introduce CUHK
- others (please specify): _____

Section B:

10. The *Bulletin* usually runs from 50 to 60 pages. It is:

- too short
- too long
- appropriate

11. The *Bulletin's* size is 26 cm x 19 cm. It is:

- too small
- too large
- appropriate

12. The *Bulletin* is published twice a year in May and November. It is:

- too few
- too frequent
- appropriate

Using a scale of **1 (poor)** to **5 (excellent)**, please rate the overall standard of the **design and layout** of the *Bulletin* by checking the appropriate circles.

	1	2	3	4	5	Unable to comment
13. appropriateness in style as an institutional publication	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14. proportion of text and non-text elements (including photos)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15. aesthetics and page layout	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other comments, if any _____

Using a scale of **1 (poor)** to **5 (excellent)**, please rate the overall standard of the **language** of the *Bulletin* by checking the appropriate circles.

	1	2	3	4	5	Unable to comment
16. fluency and coherence (Chinese)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17. fluency and coherence (English)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18. appropriateness in style (Chinese)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19. appropriateness in style (English)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20. attractiveness of headings (Chinese)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
21. attractiveness of headings (English)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other comments, if any _____

Using a scale of **1 (poor)** to **5 (excellent)**, please rate the overall standard of the **photographs** of the *Bulletin* by checking the appropriate circles.

	1	2	3	4	5	Unable to comment
22. helps to illustrate the stories	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
23. arouses interest to read the stories	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
24. technique	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
25. useful captions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other comments, if any _____

Section B (continue):

Please check the appropriate circles.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
26. On the whole, the <i>Bulletin</i> is interesting.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
27. On the whole, the <i>Bulletin</i> is informative.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
28. The <i>Bulletin</i> keeps me better informed of the University's overall development.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
29. The <i>Bulletin</i> helps me know members of the University better.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section C: Specific sections

Please rate the following contents of the *Bulletin* in terms of 'interesting', 'informative' and 'adequate'

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
30. Cover story					
• interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• informative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
31. Short features (of two to four pages)					
• interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• informative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
32. The Best and the Brightest (student achievements)					
• interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• informative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
33. News in Brief: Appointments					
• interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• informative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
34. News in Brief: Honours and Recognition (staff achievements)					
• interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• informative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
35. News in Brief: Research					
• interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• informative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
36 News in Brief: Activities and Events					
• interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• informative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
37 News in Brief: Intellectual Cross-currents					
• interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• informative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
• adequate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Section D: Open questions

What particular existing section(s) in the *Bulletin* would you like to see strengthened?

What particular topic(s) would you like to see added to the *Bulletin*?

What should be done further to improve the *Bulletin*?

Which section(s) would you like to see removed from the *Bulletin*?

End of questionnaire. Thank you.



香港中文大學
The Chinese University of Hong Kong



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