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# Medical Faculty news

## SCALING NEW HEIGHTS OF RESEARCH EXCELLENCE

STATE OF THE FACULTY ADDRESS 2014 BY THE DEAN

SPEECH BY DR DONALD LI KWOK-TUNG AT  
192ND CONGREGATION AND DIPLOMA AND  
PRIZE PRESENTATION CEREMONY



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THE UNIVERSITY OF HONG KONG**

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# RESEARCH TO KNOWLEDGE AND ACTION

**A**s a diver, a pathologist and a scientist, whether using an oxygen tank, a microscope or a DNA sequencer, I am constantly driven by curiosity to explore boundaries and have always enjoyed the scenery and excitement along the way. As a diver, life support equipment is critical for one to go deep and far in the fascinating ocean, and similarly as a scientist, research support infrastructures are life-savers for one to dig deep in the journey of knowledge exploration.

Thus together with my team of Assistant Deans and supported by dedicated colleagues with various expertise, we have focused our effort on building up research support facilities and investing in new platform technologies. Our checklist includes: continuous upgrading of the live cell and animal imaging platforms in the Faculty Core Facility; Zebrafish Core Facility; Biobank storage and processing laboratory; Reagent bank; the next-generation sequencing facility at the Centre of Genomic Sciences; and last but not least, the upcoming expansion of the Laboratory Animal Unit. In addition to these hardware platforms, we have started to provide core support for bioinformatics, biostatistics and clinical research methodology. It is our mandate to proactively look out for new demands for core technology platforms and service support to keep us at the forefront of research.

No diver should dive alone. It is a safety requirement to have a buddy and best to dive in a group. It is more fun too. It is the same with research. We empower ourselves if we know our tools and equipment well, share the skills and knowledge with others, respect safety and bring more people into the game. This year, we will set up a central database on research equipment, techniques, cell lines and reagents, so as to promote sharing and facilitate collaboration between research groups. It will be crucial for colleagues to actively contribute to this database in order for it to serve this function.

When I took up the Associate Deanship in July 2013, my first mandate was to coordinate the University's Research Assessment Exercise (RAE) 2014 submission. It is gratifying to have received the result that our Health Sciences research outputs received the highest percentage and absolute number of four-star (world leading) and three-star (internationally excellent) ratings. The Assessment Panel also observed a high per capita grant income with success in attracting funds outside Hong Kong in addition to local grants, and some exceptional levels of achievement in esteem measures. It is most encouraging that the concerted efforts of our researchers are being recognised and reaffirmed.

However, we must not rest on our laurels and must be vigilant in preparing ourselves for the next challenge. For our research strategic review which started last year, we visited all Schools and Departments and deduced two core questions: 1) Is the current Research Centre structure fit-for-purpose? 2) Is there any benefit in consolidating current resources into a unitary School of Biomedical Sciences? In December, we invited all teaching staff and Research Assistant Professors to comment via an online survey. We are enlightened by the voices of our Faculty members, especially from the younger generation, which help us rediscover and reinvent ourselves. Now is the right moment to venture forward with new and improved structures that will enable us to push the frontiers of science even further.

So let's dive in. There must be plenty of new fish species yet to be discovered!



**Professor Leung Suet-yi** (梁雪兒)  
Associate Dean (Research)

# SCALING NEW HEIGHTS OF RESEARCH EXCELLENCE

*In its relentless pursuit of excellence in research, the Li Ka Shing Faculty of Medicine will never stand still. It must always be ready to move with the times to facilitate an optimum environment to nurture talent in research, and maximise its impact in addressing the many challenges facing human health locally and globally.*

**H**KU and the Medical Faculty have been at the forefront of scientific research in Hong Kong and once again the Faculty's leading position has been affirmed in the University Grants Committee Research Assessment Exercise (RAE) of 2014.

The Faculty was judged by the RAE Health Sciences Panel to have the highest relative percentage, and also the highest absolute number, of four-star (world leading) and three-star (internationally excellent) research output items, external peer-reviewed grants and esteem measures.

And yet despite this success, the Faculty is about to embrace change, following a major review of its strategic directions in research and organisational structure in 2014. "The aim is to bring our research and teaching excellence to the next level," said **Professor Leung Suet-yi** (梁雪兒), Associate Dean (Research) of the Faculty. "We are pleased to see that our researchers' efforts have been so recognised and reaffirmed in the RAE. But having given credit where credit is due, we recognise there is plenty of scope for improvement," she noted.

"The strategic review and the RAE had enabled the Faculty to identify its strengths and weaknesses in relation to future research priorities and available resources, and formulate strategies and policies to move forward," she said.

## REVIEW OF STRATEGIC DIRECTIONS IN RESEARCH

The review of strategic directions in research began in March 2014 with discussions with Heads of Departments, Research Centre Directors and coordinators of State Key Laboratories, Areas of Excellence and Theme-based Research Scheme projects. Town hall-style group discussions with individual Departments were held last September. Meanwhile, staff were invited to respond to a Faculty-wide survey conducted between December 2014 and January 2015. In total, 177 responses were received from teachers and research assistant professors from 355 invitations sent, a 50 per cent response rate.



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Following the Strategic Review, the Faculty will review the roles and functions of its Research Centres, continue to develop its Core Facilities and strengthen its support for the young generation of researchers. These are expected to raise the level of the Faculty's research.

## RESEARCH CENTRES TO ENHANCE INTERACTION AND COLLABORATION

For more than a decade, researchers in the Faculty have been grouped into Research Centres, such as Cancers; Heart, Brain, Hormone and Healthy Aging; Public Health; Infection and Immunology; Influenza; Reproduction, Development and Growth.

The Centres have served the Faculty well, as platforms of affinity groups, sites for training the young, entities for recognition and competition for resources, and as hubs and nodes for networking and collaboration, as reflected by the feedback in the Faculty's review of research directions.

Following the Faculty-wide survey on its research directions, the Faculty plans to review and re-organise the structure of the Research Centres to ensure that they continue to be fit for purpose in fostering research collaboration, while also providing a more nurturing environment to incubate new ideas. "We expect to see strategic realignment with plans for mobilising resources which will allow an undivided investment of attention and effort for our research entities of the future," Professor Leung said.

"The Faculty envisages that the new organisation of researchers and research themes will lead to more interactions and better collaboration. Research space, equipment and other resources will also be utilised more efficiently and effectively," she added.

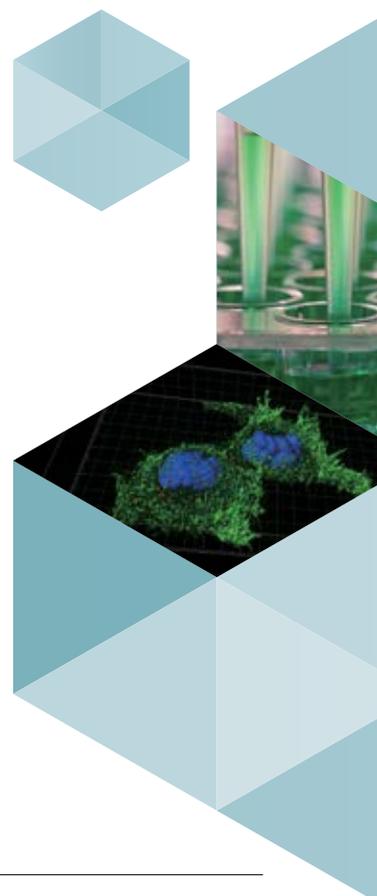
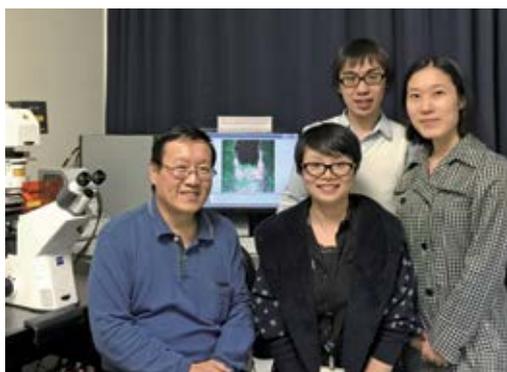
"Collaboration between departments within the Faculty, with faculties within HKU, local institutions and international partners will be facilitated by the outcomes of the review of our organisational structure and the re-organisation of our Research Centres," Professor Leung said.

## STRENGTHENING CORE FACILITIES AND SUPPORT SERVICES

Only when hardware and software complement each other can the Faculty soar against the wind. Therefore, the Faculty will continue to invest into common infrastructure and high-end technology platforms.

### *Cellular/Animal imaging and Flow Cytometry*

Technology platforms for live cell and animal imaging, as well as bio-specimens storage and processing, will be constantly upgraded and modernised. High-end machines will be installed in the coming months. **Professor George Tsao Sai-wah** (曹世華), Director of the Faculty Core Facility, said, "The intravital imaging platform will enable our investigators to study dynamic cellular events in live animal which were not feasible before, including, cell signaling, immune cell trafficking, cancer cell invasion, nerve impulse transmission and others. Super-resolution microscopy has broken the limit of light diffraction barrier (around 200 nm resolution) and allow investigators to image live cell events at 50 nm resolution."



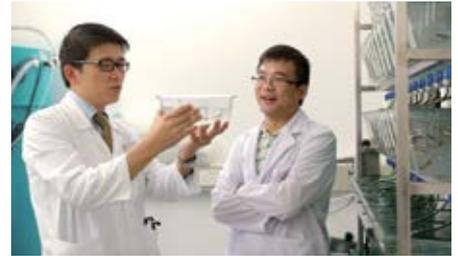


“Multi-photon intra-vital imaging is a powerful tool to visualize individual cells deep inside tissue up to about one to two millimetre in live animal by using low-energy infrared (IR) excitation light (at wavelength > 700 nm),” explained **Dr Guo Jing** (郭靜), Laboratory Manager of the Faculty Core Facility.

Total internal reflection fluorescence microscope (TIRF) and super-resolution imaging techniques will enable scientists to directly visualize biological samples at the nanometer scale and advance the biomedical research to single-molecule level. “They will significantly expand our understanding of molecular interactions and dynamic processes in biological systems,” Dr Guo added.

### *Zebrafish Core Facility*

The Zebrafish Core Facility, introduced by the Faculty in 2014, has emerged as an important model for the study of developmental biology and human diseases. The aquarium, housed in L6-13 at the Laboratory Block, is expected to be in full operation in May 2015.



“The Zebrafish Core will provide animal husbandry of wild-type and transgenic zebrafish lines, microinjection platforms as well as consultative services on gene expression and genome editing technologies,” said **Professor Anskar Leung Yu-hung** (梁如鴻), Deputy Director of the Faculty Core Facility. Nine research groups from different departments of the Faculty have joined and produced research outputs, and competitive funding proposals based on the zebrafish model have been successful.

### *Bio-reagent Bank*

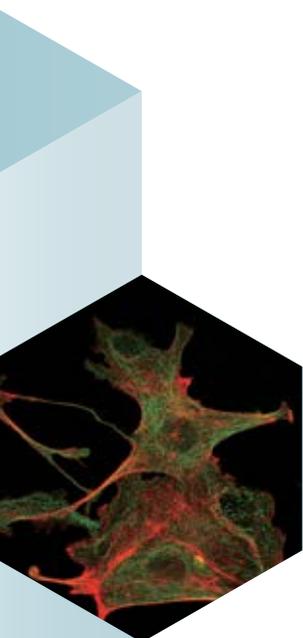
The Faculty has also established the Bio-reagent Bank in L6-23 and L6-24 at the Laboratory Block. Equipped with a user-friendly on-line ordering system and an inventory control system, the Bank has entered the first phase of service as a trial run to four laboratory groups and will roll out to all members upon official launch in the middle of 2015.

“It allows Faculty members to purchase common laboratory reagents and consumables that are deposited in the Bank at much reduced prices and to collect them instantly. The new service will thus save researchers’ time, money and laboratory space,” Professor Anskar Leung said.

### *Core Biobank Facility*

Furthermore, the Faculty’s Core Biobank Facility is being developed to ensure that an optimal bio-repository system is in place to facilitate the processing of raw biological samples in appropriate storage forms. A sample processing laboratory has been established in the Hong Kong Jockey Club Building for Interdisciplinary Research with equipment for automated nuclei acid extraction and various protocols of extraction from diverse sample types established. Supporting facilities have also been furnished for storage of processed samples for downstream analysis, including freezer storage with a round-the-clock room and a freezer temperature monitoring system.

“Systematic processing with organised and secured storage of precious biological samples may provide peace of mind to researchers. Yet easy access will be ensured to facilitate sample retrieval without difficulty,” said **Dr Agnes Chan Sze-wah** (陳思華), Manager of the Centre for Genomic Sciences (CGS) which has been assisting the Faculty to establish the Biobank.



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## Centre for Genomic Sciences

The Centre for Genomic Sciences (CGS) provides a range of genomic technologies and services, and has launched a premier next-generation sequencing service after installing a HiSeq sequencer, supporting both HKU researchers and some from other local academic institutions. Third-generation sequencing services have also been developed and facilitated, working with an external service provider. Equipment that has become out of date, such as the Sequenom MassArray system, has been replaced.



**Professor Sham Pak-chung** (沈伯松), Director of CGS, remarked, “These cutting-edge facilities are supporting CGS researchers in leading or collaborating in a wide range of projects for the identification of novel disease-related mutations and genetic variants, and the development of powerful bioinformatics tools. The Centre is committed to providing highly effective core services to support HKU’s genome research, and to be responsive to changing technologies and needs.”

## Biostatistics and Clinical Research Methodology Unit

In response to the increasing importance of evidence-based medicine, and the robustness of evidence needed to guide clinical decisions, the Faculty has also established the Biostatistics and Clinical Research Methodology Unit which has engaged dedicated staff to offer expert advice on biostatistics and clinical research methodology.

“We are ready to support researchers in their study designs, research project execution, statistical analysis, grant applications, and journal manuscripts, as well as provide practical training in the application of research methods,” said **Dr Helen Zhi Hui** (智慧), Director of the Biostatistics and Clinical Research Methodology Unit.

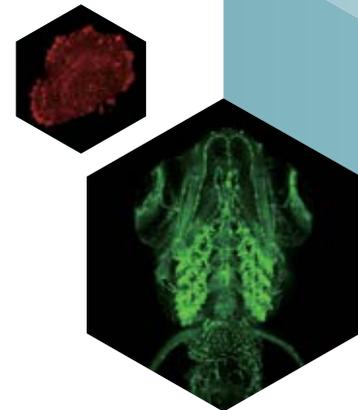


“Talented researchers can only shine with lustre with the Faculty’s unwavering commitment to continuously upgrade its platform technologies in its core facilities. They will also enjoy support in developing their analytical capabilities from this newly-established Unit,” Professor Leung Suet-yi said.

## ENTICING THE BEST RESEARCH TALENT

With a steadfast resolution to build up and refine its research facilities and organisational structure, the Faculty hopes to provide a facilitative environment for all researchers to thrive and excel. “This also involves nurturing the quality of its human ‘software’ through the support given to researchers, and recruiting the best talent,” Professor Leung Suet-yi said. It is ready to reach out to research talents with a promising prospect of leading world-class research and has strengthened its financial support for them.

The Faculty has recently extended the eligibility under the “Scheme for the Recruitment and Development of Young Clinical Academics”, which was launched in 2010 with the objective to attract outstanding HKU MBBS graduates to pursue a career as Clinical Assistant Professors. Now the eligibility has been extended to those who have graduated within 10 years in order to ensure that new recruits have built up a reasonable record in research, in addition to acquiring specialist status.

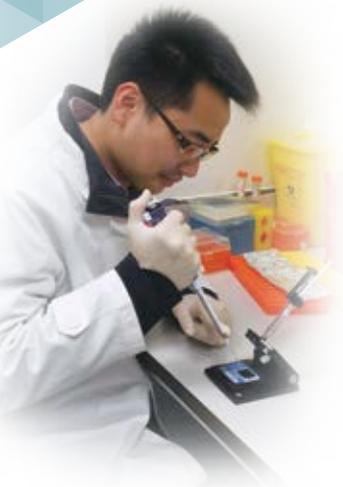


Furthermore, the Faculty has substantially increased the new staff start-up grant by three-fold as initial support for their research endeavours.

"If you ask a successful leader what drives a thriving enterprise or organisation, the response is a clear 'having the right people in the right environment,'" Professor Leung Suet-yi added. With the advancements in technologies and financial support, the Faculty's research capacity will be further improved to facilitate the scientific research by new and current researchers.

### A BETTER TOMORROW

The strengthening of core facilities and support services, refined recruitment policies, as well as a review on Research Centres would further enhance the Faculty's environment so that it is conducive to cutting-edge research and attractive to researchers. These also ensure that the Faculty's research teams can collaborate and compete with the best in their fields within and beyond Hong Kong at the frontiers of biomedical research.



## UNIVERSITY GRANTS COMMITTEE RESEARCH ASSESSMENT EXERCISE (RAE) 2014

The University Grants Committee announced the report on the Research Assessment Exercise (RAE) of 2014 on January 27, 2015. The research outputs of the Li Ka Shing Faculty have been well recognised by the Health Sciences Panel.

For Clinical Medicine, the Panel found that almost half were internationally excellent (3\*) or world leading (4\*), and a great majority of outputs, more than four fifths, were of at least internationally recognised quality. The Panel also acknowledged the very high quality of grants, and successes in attracting funding from outside of Hong Kong, in addition to local grants.

For Pre-clinical Studies, more than half of the outputs were classified as internationally excellent or world leading and more than a third of research outputs were of internationally recognised quality.

For Nursing, over one-third of the research outputs were judged to be internationally excellent or world leading. The Panel was impressed by the breath of the methodologies and the particular

strengths in quantitative research.

For Biomedical Engineering, the outputs were assessed as of exceptional quality, with more than two-thirds classified as world leading or internationally excellent, contributing significantly to global developments within the field.

**Professor Leung Suet-yi** said: "The Faculty is encouraged to see that its proportion and number of outputs being rated three-star and four-star is the highest across the clinical medicine, pre-clinical studies, nursing and biomedical engineering cost centres."

Cost centres that have a relatively short history in the Faculty's research development, also received positive recognition from the Panel with recommendations of furthering intramural and extramural collaboration. For Chinese Medicine, two-thirds of research outputs were judged to be of internationally recognised quality, with a further quarter reaching internationally excellence. For Other Health Care



Professions including Pharmacy, over two-thirds of research outputs were of internationally recognised quality, with a further significant minority internationally excellent.

To be a cluster of research excellence in medicine and health care, the Faculty acknowledged that raising the quality and scale of research requires greater collaboration, between departments within the Faculty and across the University, as well as with local institutions and international partners. "Plans to take the Faculty to the next level of research excellence and consolidate its structure were expected to facilitate this," Professor Leung added.

# THE FACULTY IN 2014

(as of December 2014)

<b>325</b> Professoriate Staff	<b>2,130</b> Honorary Academic Staff	<b>2,520</b> Undergraduate Students	<b>1,384</b> Postgraduate Students
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## Undergraduate Programmes (full-time)

	The 'New' Curriculum			The 'Old' Curriculum			Total
	Year 1	Year 2	Year 3	Year 3	Year 4	Year 5	
<b>Bachelor of Medicine and Bachelor of Surgery</b>	210	208	216	206	169	163	1,172
<b>Bachelor of Nursing</b>	185	189	210	210	215	N/A	1,009
<b>Bachelor of Chinese Medicine</b>	24	26	23	25	20	15	133
<b>Bachelor of Pharmacy</b>	31	31	26	33	N/A	N/A	121
<b>Bachelor of Biomedical Sciences</b>	36	30	19	N/A	N/A	N/A	85

- ▶ The admission results for the Bachelor of Medicine and Bachelor of Surgery programme and the Bachelor of Pharmacy programme were highly satisfactory. The average HKDSE scores (counting 4 core and 2 elective subjects) of students admitted to both programmes were within the top 10 of all HKU programmes.

## Postgraduate Education

- ▶ The Faculty currently offers 21 taught postgraduate programmes.
- ▶ The Faculty successfully admitted 162 Research Postgraduate (RPg) students in 2014-15. Eleven of our new PhD students have been awarded Hong Kong PhD Fellowships by the Research Grants Council (RGC) and 14 have been awarded University Postgraduate Fellowships.
- ▶ One MPhil student won the Li Ka Shing Prize. Two PhD and one MPhil students received Outstanding Research Postgraduate Student Awards.
- ▶ Thirteen RPg students gained admittance to exchange programmes (out-going) at renowned universities overseas, including Columbia University and Harvard University, USA; London School of Hygiene & Tropical Medicine, UK; Max Planck Institute for Biochemistry, Germany. One RPg student from the University of Copenhagen, Denmark, gained admittance to the exchange programme (incoming) at the Faculty.
- ▶ The Faculty admitted one student to the HKU/Imperial College London and two students to the HKU/University of Toronto joint PhD programmes.

## Research Grants

- ▶ Research grants awarded to Faculty members totalled over HK\$383.54 million.

	Number of Projects	HK\$ (Million)
<b>RGC General Research Fund/Early Career Scheme</b>	79	67.3
<b>National Natural Science Foundation of China/RGC Joint Research Scheme</b>	4	4.4
<b>National Natural Science Foundation of China</b>	8	7.13
<b>Health and Medical Research Fund</b>	105	86.45
<b>SK Yee Medical Foundation Grants</b>	7	14.58
<b>RGC Collaborative Research Fund</b>	6	31
<b>RGC Theme-based Research Theme</b>	2	137.4
<b>Innovative &amp; Technology Fund</b>	3	5.45
<b>Others</b>	34	29.83

## Research Output

- ▶ The Faculty's refereed research output saw 2,322 items produced in 2013-14, accounting for 40% of the University's total of 5,882 refereed items. Output included important publications in *The Lancet*, *Nature*, *Nature Genetics* and *Nature Reviews Genetics*.
- ▶ According to ISI Essential Science Indicators, Faculty members published 200 Highly Cited Papers, which accounted for 41.3% of the 484 papers from HKU.

## Public Education

Projects	Number
<b>Public lectures / Symposia / Forums</b>	28
<b>Media interviews and press conferences</b>	34
<b>Health programmes on television and radio</b>	114
<b>Regular newspaper columns</b>	100
<b>Media coverage generated</b>	2,049



# STATE OF THE FACULTY ADDRESS 2014 BY THE DEAN

The 192nd Congregation and Diploma and Prize Presentation Ceremony of Li Ka Shing Faculty of Medicine, HKU, was held on November 27, 2014 at the Queen Elizabeth Stadium. Dean of Medicine, **Professor Gabriel M Leung** (梁卓偉), delivered the *State of Faculty Address* to provide the audience an update on the achievements that the Faculty had made in the past academic year 2013-2014. **Dr Donald Li Kwok-Tung** (李國棟), Guest of Honour of the Ceremony, President of the Hong Kong Academy of Medicine, also shared with the graduands his insights in patient care and continuing education.

**P**rofessor (Sophia) Chan, Dr (Donald) Li, Council Chairman, President, Vice President Chow, Dr (CC) Luk, colleagues, graduates, parents, fellow alumni, distinguished guests, ladies and gentlemen,

First, on behalf of those gathered this afternoon as well as students and colleagues who are hard at work on Sassoon Road and Pokfulam Road studying, teaching and looking after patients, I would like to offer the Faculty of Medicine's official welcome to our President, Professor Peter Mathieson, who is presiding over his first Ordinary Degrees Congregation. Mr President, the symbolic value of a fellow medic officiating for the first time for a HKU graduating class at the University's premier faculty, the Li Ka Shing Faculty of Medicine, is noted with deep appreciation.

Every welcome presages an eventual farewell. Today we salute a lifetime of distinguished service of another medic on the Senior Management Team of the University – Professor SP Chow. The present Congregation will be the last time Vice President Chow joins the procession in his official capacity before his retirement, although hopefully he will come back often as emeritus to lend his wise counsel. For the medical graduates, here is the man who championed the introduction of the student-centred, system-based, PBL<sup>1</sup> New Medical Curriculum since 1997. For the nursing graduates, he was your inaugural Head of Department and most loyal supporter. For all of us, as a former Dean of this Faculty, he has been a mentor and colleague of the highest order. Thank you SP.

Now back to the order of business.

The 2013-4 academic year has been a stellar year of achievements all around.

## TEACHING AND LEARNING

Last year I announced here a new set of admissions initiatives that proved richly rewarding in terms of the quality and diversity of the current intake. If examination results are any guide, albeit incompletely reflecting what we look for in identifying those who will make the best health care professionals, the admission scores of high school leavers joining us have been most satisfying. Our most established MBBS<sup>2</sup> programme boasts a freshmen class comprising all five DSE<sup>3</sup> perfect scorers who chose to study medicine, seven IB<sup>4</sup> candidates with 45/45 and six GCE A-level<sup>5</sup> candidates with straight A\*'s on all five subjects attempted in addition to a dozen degree holders with at least a first or equivalent from the world's best universities. The Faculty's newest undergraduate programme, BBiomedSc<sup>6</sup>, leapt from a (4+2)<sup>7</sup> median DSE score of 32 to 34. Similarly the BPharm<sup>8</sup>, BNurs<sup>9</sup> and BChinMed<sup>10</sup> intakes uniformly demonstrated better entrance examination results than in previous years. In terms of diversity, we were able to award 11 Springboard Scholarships to worthy applicants who had experienced humbling adversity but showed remarkable resilience and overcame great odds to gain entrance into medical school. Thus our learners' community is fortunately enriched, particularly for enhanced peer-to-peer learning amongst a diverse group of students who have come via different experiential journeys.

Having admitted the best students, our job as teachers is to prepare them to become leading practitioners in their chosen careers. I am pleased to report that the Medical Council's quinquennial accreditation found our MBBS programme most satisfactory with several notable highlights. The visiting team particularly commended us on our "truly innovative and pioneering" longitudinal module on ethics, law and humanities, the Department of Anatomy's body donation programme and the Department of Pathology's online learning platform. Looking ahead, we intend to further strengthen family medicine learning by instituting a new standalone specialty clerkship in primary care, better prepare graduating students for house officer duties by optimising pre-internship training, formalise and fully implement clinical teaching at HKU-Shenzhen Hospital

for all professional degree students, promote inter-professional learning between our four undergraduate programmes through a prestigious multi-institutional UGC<sup>11</sup> educational grant on team-based learning led by the Faculty, as well as press on with further enhancements to our admissions and high school liaison agenda.

The Master of Public Health (MPH) degree, with an all-time high annual intake of 138 from 12 countries, similarly just completed its programme review, with the external input of a Harvard Assistant Dean responsible for their MPH programme. The BNurs conversion programme for enrolled nurses will be busily preparing for its accreditation during the first half of 2015. The University as a whole will be undergoing the second Quality Assurance Council evaluation during the coming year. All these exercises keep us on our toes and help ensure we continue to deliver a superlative learning experience for our students.



I am very much encouraged that the Faculty has successfully delivered HKU's first massive open online course (MOOC) – "Epidemics" – on the edX platform, with over 10,000 enrolled learners from every corner of the globe. In fact just last month, the Faculty brought together experts in MOOCs, as well as in big data and precision medicine, by hosting this

year's annual East-West Alliance meeting of 13 top medical educational institutions, namely Oxford, Cambridge, Stanford, UC Berkeley<sup>12</sup>, UCSF<sup>13</sup>, Toronto, Alberta, Manitoba, Technion, Groningen, Shantou, Chinese U<sup>14</sup> and HKU. As the University's premier faculty, LKS Medicine remains at the vanguard of teaching innovation.

## RESEARCH AND DISCOVERY

Speaking of innovation, ladies and gentlemen, our discovery enterprise has much to be proud of this past year:

- Associate Dean for Research Professor SY Leung won the 2014 Outstanding Women Professionals and Entrepreneurs Award;
- fellow pathologist Professor Irene Ng received the World

1 Problem-based learning  
2 Bachelor of Medicine, Bachelor of Surgery  
3 Diploma of Secondary Education  
4 International Baccalaureate  
5 General Certificate of Education Advanced Level  
6 Bachelor of Biomedical Science  
7 4 core subjects (Chinese, English, Mathematics, Liberal Studies) + best 2 elective subjects

8 Bachelor of Pharmacy  
9 Bachelor of Nursing  
10 Bachelor of Chinese Medicine  
11 University Grants Committee  
12 University of California, Berkeley  
13 University of California, San Francisco  
14 Chinese University of Hong Kong

- Academy of Sciences 2014 Prize in Medical Sciences;
- yet another colleague from the same department Professor Annie Cheung was awarded a Croucher Senior Research Fellowship, along with biochemists Professors Danny Chan and DY Jin;
  - Dr Janice Tsang was selected as a recipient of the Ten Outstanding Young Persons Award;
  - Professor TM Chan received the prestigious Kenzo Oshima Award from the Asia Pacific Society of Nephrology;
  - Professor CM Lo and his team became first prize winners of the national Higher Education Outstanding Research Achievement Award for basic and translational research for disease recurrence after liver transplantation;
  - Professors Malik Peiris and Guan Yi have been recognised as “the world’s most influential scientific minds in 2014” by Thomson Reuters, the agency that compiles impact factors and h-indices.

This same group of influenza virologists and epidemiologists from the School of Public Health have earned over \$150 million through three multi-year centre grants from the RGC<sup>15</sup> Theme-based Research Scheme (TRS) and the US National Institutes of Health Centers of Excellence for Influenza Research and Surveillance (CEIRS) and Models of Infectious Disease Agent Study (MIDAS) programmes. Two other notable large programme grants bear special mention. Professor Paul Tam was also awarded a \$62 million TRS grant focused on the genetics and functional genomics of Hirschsprung’s Disease, while Professor TH Lam was granted \$50 million by the Hong Kong Jockey Club Charities Trust to continue work on the FAMILY project.



We do not rest on our laurels however. Proactively we have been considering how to elevate our research prowess to the next level of excellence. While we eagerly await results of the 2014 Research Assessment Exercise due early next year, we have begun in earnest the strategic research organisational review I announced last year. Professor Sum Lee, my predecessor, has been appointed to help us in this task and together with colleagues in the research deanery, we visited all 20 Schools and Departments of the Faculty in September and October. The fundamental question we posed was: How should we organise and resource our discovery enterprise to excel in research? More specifically we asked two corollary questions: 1) Are the Research Centres as presently conceived and specified fit for purpose? If not, how should they change? 2) Is there any benefit in consolidating present resources into a unitary School of Biomedical Sciences, for the Faculty and more broadly for the University? Without prejudice or reservation, we shared experiences and exchanged ideas gleaned *in situ* within HKU and outwith amongst best practices in the region and worldwide.



We will follow this up with a survey of all professoriate colleagues, including research assistant professors, before the end of this calendar year. The questionnaire will be deliberately structured for open-ended responses so as to encourage the full expression of ideas and to help us identify commonalities and reconcile differences. It will not be easy but it is a road we are determined to take, together with you and for you. I am confident that we will find true consilience in the fullness of time.

More tangibly, to ensure we provide a sufficiently nurturing environment for junior researchers especially those recruited from outside of our laboratories who have often found it difficult to start out on their own as principal investigator, I propose a trebling of the Faculty's contribution to the standard start-up package. All newly recruited assistant and associate professors on the classic track, clinical and non-clinical, regardless of the source of funding, will be eligible. Subject to endorsement by the Deans and Heads Advisory Committee at the upcoming December meeting, the new arrangements will take effect in the first quarter of 2015. Newly recruited full professors will be provided with individually tailored packages that would most suit their needs. In the seasonal spirit of glad tidings, Professor SY Leung as Associate Dean for Research will write to give details in time for Christmas.

Also during our recent round of consultations, we heard many requests for more centralised support in terms of enhancement in platform technologies, including hardware as well as software and human resources. The establishment of core research facilities has been an important strategic direction of the Faculty. Some examples include the Laboratory Animal Unit, Centre of Genomic Sciences, Clinical Trials Centre as well as the Biobank and Reagent Bar that are currently being developed. With the existing Biosafety Level 3 laboratory on the Sassoon Road campus and a new parallel facility as part of the redeveloped Senior Staff Quarters at Queen Mary Hospital, we will have the region's largest experimental capacity in the area of new and re-emerging pathogens. Discussions will be underway to incorporate these laboratories as another Faculty-wide technology platform.

The Faculty Core Facility established in 2011 under the stewardship of Professor George Tsao is a successful exemplar technology platform. It operates 24/7 to provide high-resolution imaging and high-throughput flow cytometry platforms. To date, usage of its various platforms has exceeded 17,000 hours per year.

Following this model, the Faculty will continue to invest heavily

to expand existing facilities and diversify into other areas. Apart from state-of-the-science hardware technologies, soft facilities in terms of enhanced support in bioinformatics, biostatistics and clinical research methodology will be made available beginning with the upcoming March 2015 Health and Medical Research Fund application cycle (HMRF). Furthermore we will establish a comprehensive database containing the cell lines, reagents, transgenic animals and research skills available from various groups in the Faculty to facilitate inter-disciplinary collaboration.



## CLINICAL AFFAIRS

Graduates, colleagues and friends,

On clinical services, our major initiative this coming academic year is to formally establish "HKU Health System", an umbrella executive arm overseeing the Faculty's clinical service enterprise. The purview of HKU Health System includes our flagship local partner Queen Mary Hospital, the fledgling but signal HKU-Shenzhen Hospital, the pre-commissioning Gleneagles Hong Kong Hospital and our recently opened clinical academic unit at Hong Kong Sanatorium and Hospital. We have taken a careful, considered and deliberative approach in deciding and defining our mission. Being a medical school, the twinned mission of education and innovation must remain at our core. All other concerns such as amenities operations, physical plant maintenance, hospital financing, commercial profitability etc, however important to the smooth running of a hospital, are potentially distracting third-leg activities from the viewpoint of a university thus must become peripheral.

We will continue to remain intently focused on our core mission, which is also what we know best and where we can add most value. Our attention is trained on good clinical governance of the institutions with which we partner. We also engage in direct service provision, in order to expand our patient base thereby providing opportunities for high quality clinical research

in a wider spectrum of diseases and clinical conditions. Our increasing numbers of students in Medicine, Nursing, Pharmacy and Chinese Medicine will continue to require more patient contact for teaching and learning in different and diverse clinical settings that fully reflect the mixed health economy locally and nationally.

Specifically, with Queen Mary we are well covered for the local public sector; HKU-Shenzhen is at the leading edge of mainland public sector reform; GHK is our first full-scale private sector experiment in partnership with a global health care conglomerate whereas the Sanatorium has been our first and most reliable private sector stalwart.

In addition to western allopathic inpatient facilities, HKU Health System plans to sharpen its expertise in integrative medicine through standardisation of best clinical governance practice and more robust risk management with respect to the eight Chinese medicine outpatient clinics for which our School of Chinese Medicine is responsible.

Under the Associate Dean (Clinical Affairs) portfolio, we are in the process of recruiting our first Clinical Director and a small but critical team of health care management specialists who will be steering the establishment of HKU Health System.

In terms of progress, work has begun on the refurbishment of Queen Mary's Senior Staff Quarters which when completed in 2016/7 will become the new home of our Departments of Microbiology and Pathology with 50% more net operating floor area than currently in the University Pathology Building. With the Hospital Authority and the Hong Kong Tuberculosis, Chest and Heart Diseases Association, we are sketching out preliminary plans for the redevelopment of Grantham Hospital focused on cancer and cardio-metabolic conditions and their translational science. Clinical activity has picked up momentum at HKU-Shenzhen Hospital with new specialties coming on stream and surgical services have begun to be offered at its International Medical Centre. The GHK commissioning team under HKU Health System has made good progress in developing credentialing protocols and human resources strategies. The team will work on diagnosis-related group or DRG-based pricing during the coming year to ensure charges will be predictable and affordable for the middle class.

With the generous support of the Hong Kong Jockey Club



Charities Trust amounting to almost \$60 million over five years, no less through the direct personal intervention of today's Guest of Honour, class of 1980 alumnus, Hong Kong Academy of Medicine President Dr Donald Li, I am pleased to report that the Faculty Board has recently approved the establishment of a new Emergency Medicine Unit (EMU). The EMU is a key strategic partner of the Hong Kong Jockey Club Disaster Preparedness and Response Institute at the Academy. Its work will focus on the clinical aspects of disasters and major incidents, leveraging our existing strengths in public health practice, infectious disease control and Queen Mary's excellent accident and emergency service. With our growing HKU-Shenzhen department across the river, the commissioning of Hong Kong's first ever full service private sector emergency room at Gleneagles by 2017 and a planned helipad serving trauma patients at the redeveloped Queen Mary by 2023, this Unit will in time become a major hub of academic emergency medicine expertise not only for the SAR but nationally and in the region.

## HUMAN CAPITAL

Finally although by no means least, the human capital deanery will be planning two major sets of activities in the coming year. While our staff forum on the tenure and promotion exercise proved most popular amongst colleagues last academic year, we will be organising another series on job planning whereby we hope to solicit input into how best to structure the workweek and allow time for especially junior clinical colleagues to develop, learn and get established in research. Secondly, we are exploring ways to better recognise contributions in teaching and learning, beyond SETL<sup>16</sup> scores, student evaluations and peer assessments, or simply totting up student contact hours. Whatever incentive system emerges must be flexible and simple yet responsive and impactful. Ultimately this will be about how to treasure well meaning and hardworking colleagues in our primary task, and that is to doctor thus to teach.

16 Student evaluation of teaching and learning



## FINAL THOUGHTS

Fellow citizens of Hong Kong,

Before I finish, allow me to reflect a little on recent events in society at large. While it is only natural for each of us as individuals to hold a definite conviction and partisan views, often suffused with strongly emotive feelings no less, the Faculty as the territory's longest established institution of higher learning has remained steadfastly neutral and will continue to be so. This is not only appropriate but absolutely necessary if we are to fulfil our overriding mission of nurturing a community of freely enquiring minds, unyielding to the prevailing winds of the wider political economy. It becomes all the more important in times of change, turmoil even, for universities to rise above *realpolitik* and be the anchor of constancy. Academic freedom, the very bedrock of excellence in all that we do, depends on our fierce independence from such externalities, without fear or favour.

Be that as it may, I should like to share with you the essence of a then newly published book I came across as a graduate student in America. Recent events in our town prompted me to pick up the book again and to reread it from cover to cover. The book is called *Civility* and was written by Yale law professor Stephen Carter. In it he lamented a growing incivility and a dying away of manners in his country. He deplored the "nastiness of public moral argument" and "the viciousness of our campus debates". He attributed many of the negative social characteristics of the

present time to the "collapse of community, the dearth of moral education, our lurch toward radical individualism, and the fast-paced, thoughtless argument style of the media age". I wonder how he would characterise today's Hong Kong.

Carter also recalled Alexis de Tocqueville's famous observation that democracy is "a form of manners", and extended this assertion to argue that civility is "the etiquette of democracy". He believed that democracy is but a big set of rules for people relating to each other in a community. Civility "is the sum of all the sacrifices that we make for the sake of living together". He feared that "if civility weakens, the glue which helps hold this construction of rules together itself begins to fall apart". Thus civility and democracy are inextricably linked and cannot stand alone without the buttress of the other.

These are perhaps imponderable thoughts although well worth poring over in our quieter moments, for the sake of our city, our home.

Graduates,

Congratulations for having achieved the distinction of becoming a full member of the HKU alumni family, the Convocation. Make the most of what you have learned from your alma mater and may good fortune follow you and your aspirations always. Make your parents, your partners and your families proud. Make your teachers proud to have been a part of your education. Until we meet again at your class reunions, farewell.

**VIDEO** The video of State of the Faculty Address is available online. Please visit:



<http://www.med.hku.hk/v1/about-the-faculty/dean/dean-speeches/speech-2014/state-of-the-faculty-address-2014>





# SPEECH BY DR DONALD LI KWOK-TUNG, GUEST OF HONOUR 192ND CONGREGATION AND DIPLOMA AND PRIZE PRESENTATION CEREMONY

QUEEN ELIZABETH STADIUM  
NOVEMBER 27, 2014

*As medical and health  
care workers, we are  
bound by the Hippocratic  
Oath to act professionally,  
humanely, and ethically,  
and to always be our best  
and do our best for the  
benefit of our patients  
and society.*

**P**rofessor Sophia Chan, Council Chairman Dr CH Leong, President Professor Peter Mathieson, Vice President Professor SP Chow, Dean Professor Gabriel Leung, Dr CC Luk, Faculty Staff, Graduands, Prize Winners, Students, Ladies and Gentlemen, Good afternoon. I would like to thank Dean Professor Gabriel Leung for inviting me as Guest-of-Honour at this ceremony, and I would like to congratulate all those receiving degree qualifications and awards. You've worked very hard for this day and you thoroughly deserve it.

I am honoured to speak here as the President of the Hong Kong Academy of Medicine, and to meet Hong Kong's newest doctors. For those of Class of 2014 who are embarking on or continuing your medical career with your new qualification in hand, graduation not only marks an important professional milestone, but it also signifies a new or renewed commitment to your patients and the general public. However, this is just one milestone in your journey of medical education and professional development, and there will be many more milestones to look forward to.

As medical and health care workers, we are bound by the Hippocratic Oath to act professionally, humanely, and ethically, and to always be our best and do our best for the benefit of our patients and society. This is our life-long pledge and requires life-long learning to keep up with the latest medical evidence, technologies, best practices, and policies for disease treatment and prevention. A patient's life can literally be in your hands.

Even at the highest level of medical qualification in Hong Kong, specialists in the 15 Colleges of the Hong Kong Academy of Medicine are bound by the Latin phrase "*Opus medicinae salus*", which features in the Academy's logo. This motto, meaning "The physician leads the way to good health", serves as a reminder to put medical expertise and

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authority to wise use, so as to facilitate the return of health to patients and to promote health among the whole community. This motto is relevant for doctors and trainees of all grades and experience, and introduces two points that I would like to expand on.

The first point is the target of restoring, maintaining, and promoting health, or *salutogenesis*, as compared with the traditional approach of only investigating and treating disease, or pathogenesis. Focusing on health requires the acknowledgement that behind every biological disease and condition there's a fellow human being and a complex social network. Hence, additional consideration needs to be given to a wide range of patient-related issues, such as how organs and systems interconnect, lifestyle, psychosocial health, health literacy, well-being, quality of life, and impact of health on family life. This holistic approach requires the collective effort of all health care personnel, including those present here today - all working together in concert and across disciplines to achieve the common goal of health for all.

This brings me to my second point. You have chosen a career path of high moral and social standing, and with that comes great social responsibility and social accountability. You are not only medical practitioners, you are problem-solvers, humanitarians, carers, mentors, and, above all, you are influential leaders, facilitating good health. You are in a privileged position to use your knowledge and skills to directly inspire, guide, and affect people's lives and livelihoods in a real way. People will willingly let you into their lives and the lives of their families and communities. So, again, your roles and responsibilities - whether you eventually work in care-giving, research, education, or policy-making - are broad and deep, and relate to both the individual and humanity in general.

Indeed, you have chosen a profession that deals with putting people first, and where your success depends on improving the health and safety of others. Although only a portion of today's graduands are receiving the Master of Public Health, we are all involved in some way in promoting the health of the public. For example, we educate people about health and safety issues and how to improve self-care capacity; we understand and explain the effect of health and disease on whole communities and populations; we appreciate the need to give back to society to help and support the disadvantaged in their time of need.

Moreover, you have chosen a high-profile vocation whose purpose and meaning reflect your lifestyle and how you portray yourselves. Being leaders and champions for health, not only do you require evidence-based medical and diagnostic knowledge, but you must also have compassion and integrity. It has been said that integrity is doing the right thing, even if nobody is watching. Your integrity helps guide your decisions to foster respect and trust. Your patients will look up to you and share sensitive personal information, so it is your obligation to maintain confidentiality, to neither undertreat nor overtreat a condition, and to make referrals when needed. You must do the right thing and, as included in the classical version of the Hippocratic Oath, the physician also promises "to abstain from doing harm", which has evolved into the saying "first, do no harm".

So, whether you choose to be a generalist or a specialist, I propose you develop your own personal syllabus for continuing professional development. You would do well to regularly reflect on your values and integrity; be equipped to provide holistic care; review how to relate to and behave in front of patients and the public; learn about society's inter-connectedness and recognise your broader roles and responsibilities in society; and always keep yourself and your patients out of harm's way.

*You have chosen a career path of high moral and social standing, and with that comes great social responsibility and social accountability. You are not only medical practitioners, you are problem-solvers, humanitarians, carers, mentors, and, above all, you are influential leaders, facilitating good health.*



*The Faculty of Medicine  
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it truly serves the whole  
community.*



As you may know, I am a Family Physician and a primary care provider, I am reminded of these aspects every day, because I see and hear first-hand that people's overall health and well-being can have repercussions on their family and local community. Therefore, in your continuing education, along with learning how to use new medical technologies and staying at the forefront of the medical literature, you must especially continue developing people skills and your appreciation of the human and social impact of health care. Skills in the art of communication need to complement scientific knowledge and skills. As Margaret Hamburg, Commissioner of the US Food and Drug Administration, told fresh doctors at a recent graduation ceremony: "Patients do not put their trust in machines or devices. They put their trust in you."

I would now like to share my insights into how to build trust and provide holistic, patient-centred care. I believe an essential component is to provide a safe, non-threatening venue for personal and personable engagement through empathetic communication.

Empathetic doctor-patient communication needs active listening, observing non-verbal signals, and responding to patients' feelings. It nurtures trust, mutual respect, and active patient involvement. The result is a better understanding of the patient and a better diagnosis, as well as the facilitation of patient empowerment, which could inspire improvements in, for example, health literacy and lifestyle. Patients will come to realise that their doctors are their partners in health rather than mere service providers. Physicians will be able to encourage willing patient adherence to an agreed regimen because "it makes sense to everyone", rather than reluctant compliance just because "the doctor said so".

Why is effective communication in a consultation so important? Because a medical consultation is the most commonly performed health care procedure all around the world; because effective communication can affect a patient's recovery and long-term health; because patients' opinion of the quality of care that they receive is influenced by their interactions with the medical team.

Unfortunately, medical teams sometimes forget the importance of patient interaction. An article in the South China Morning Post on September 26 this year 2014) contained in its title "Doctors need to work on communication" and cited a local survey commissioned by the Hospital Authority. According to the article, substantial proportions of the 5,500 patients at seven public hospitals who were surveyed said that they lacked the opportunity to speak with a doctor, and that medical staff did not tell them about the side effects of their medication. On the other hand, patients were satisfied with staff explanations of how to take their medication. The findings suggest quality assurance and ongoing training in patient interaction are urgently needed at all levels.

In today's ceremony programme, I see that some staff will be presented with awards for achievement in teaching, research, and knowledge exchange. Knowledge exchange was formally added in 2009 by The University of Hong Kong as the third core mission of all staff and students - and rightly so, since it completes the virtuous circle between study, research, and reciprocal community participation. Knowledge exchange translates theory and research into practice for the benefit of society, and uncovers how society's evolving demands and expectations can be met. I am glad that the Faculty of Medicine has embraced the mission of knowledge exchange to show that it truly serves the whole community.



I would argue that knowledge exchange is crucial for effective relations between doctors and patients, as well as the wider community, because it requires the sharing of relevant knowledge with a particular audience in an appropriate way. It also calls for feedback mechanisms for continuous process improvement, which will ultimately bring about collective wisdom, action, creativity and innovation. For this two-way exchange, one has to assess audience knowledge levels, explain something in layperson's terms, assess mutual understanding, and reflect on and respond to reactions and concerns.

In knowledge exchange, listening is as important as speaking. In the Old Testament of the Bible, it says there's a time for everything, a time to be silent and a time to speak. Doctors need to listen to and understand patient issues and preferences, and take those into account along with evidence-based medicine principles. Alternatives, benefits, and risks need to be explained, so that patients can make informed decisions and participate in their own recovery.

In summary, the patient consultation requires empathy, sensitivity to feedback, adaptation, and a lot of patience and practice. Your careers will be long so you will get a lot of practice in knowledge exchange. It will be challenging and maybe frustrating at times, but it will be rewarding. You will feel good by doing good. But remember, you are human too and you will require your own social and support network, so I hope you stay engaged with your fellow classmates and alma mater.

Finally, concerning the city's current civil disobedience movement and if you're thinking about getting involved, either for or against: this is your choice, after fully considering your professional and life principles, your role in society, and all harms and benefits. How you conduct yourself in public and private, however, is a testament to your integrity and professionalism, and it is your own informed decision to make. As ambassadors of the University and this Faculty, you live a life of wisdom and virtue. As physicians with special knowledge and privileged status, your code of practice in ethics, health, and safety is your chosen way of life. In that sense, you are on-call 24/7 and you are leaders by example. I wish you all the best as you lead the way to good health.

Thank you, and again, congratulations to you all.

*In your continuing education, along with learning how to use new medical technologies and staying at the forefront of the medical literature, you must especially continue developing people skills and your appreciation of the human and social impact of health care. Skills in the art of communication need to complement scientific knowledge and skills.*



# FACULTY DEVELOPMENT PROGRAMME FOR CLINICAL TEACHERS AT HKU-SHENZHEN HOSPITAL



Since the establishment in 2012 of HKU-Shenzhen Hospital (HKU-SHZ), it has been the Faculty's vision to allow our students the opportunity to learn at HKU-SHZ. Through clinical attachments, clinical placements, elective studies and special study modules, the Faculty is implementing learning activities for undergraduate students studying in our Chinese Medicine, Nursing, Pharmacy and MBBS programmes.

included sessions to introduce them to the HKU MBBS curriculum and to the types of pedagogies that are regularly used at HKU to promote student learning. This first set of workshops, facilitated by **Dr Chan Lap-ki** (陳立基), **Dr Julie Chen Yun** (陳芸) and **Dr Chin Wengyee** (陳穎怡) from IMHSE, focused on enhancing the effectiveness of clinical teaching with tips for enhancing bedside teaching. They covered topics on how to structure a clinical teaching session, how to give constructive feedback to students, how to capture "teachable moments" and how to facilitate small group discussions. The workshops were conducted primarily in English, which was the preferred medium of instruction for most of the participants.



In preparation for sending our students to Shenzhen, the Institute of Medical and Health Sciences Education (IMHSE) has started conducting staff development activities to provide medical education training to HKU-SHZ doctors who will be involved in teaching. The first training activity was a full-day series of workshops

conducted on January 17, 2015. More than 30 HKU-SHZ doctors enthusiastically participated in a programme that



Feedback from the workshops was overwhelmingly positive, with many HKU-SHZ doctors appreciating the intensive small-group teaching received by our HKU students in the MBBS curriculum. Participants found the workshops useful, practical and eye opening, and appreciated the opportunity to receive training with hands-on experiences and interactive formats that promoted full participation by all the attendees. With the success of the first set of workshops, IMHSE plans to roll out further medical education training activities to provide clinical teachers at HKU-SHZ with more opportunities to learn about teaching, curriculum design and pedagogy.





Professor Simon Law (Right) presented souvenir to Professor G Rocco (Left), Head, Department of Thoracic Surgery and Oncology, National Cancer Institute, Naples.

## HONG KONG SURGICAL FORUM & SHENZHEN SURGICAL FORUM

The Department of Surgery and the China-Hong Kong Chapter of American College of Surgeons held the biannual Hong Kong Surgical Forum with the theme “Esophageal and Thoracic Surgery” on October 18, 2014. Experts from Naples, Gurgaon, Seoul, Tokyo and Hong Kong joined the event with more than 200 participants. The Shenzhen Surgical Forum was held the following day, on October 19, at the HKU-Shenzhen Hospital, attracting more experts from Mainland China.



Professor Lo Chung-mau (Right) presented souvenir to Professor JM Lee (Left), Clinical Professor and Chief of Thoracic Surgery, National Taiwan University Hospital, Taipei.



## KAROLINSKA INSTITUTET – HONG KONG REGENERATIVE MEDICINE RETREAT 2014

The Stem Cell and Regenerative Medicine Consortium (SCRM) organised the Karolinska Institutet (KI) - Hong Kong Regenerative Medicine Retreat from October 23 to 25, 2014. More than 120 participants, in addition to leading experts from KI and Hong Kong, attended.

The retreat was held in conjunction with the official visit to Hong Kong of the KI Administration led by **President Anders Hamsten**, with the objective to foster future collaborations between Sweden and Hong Kong on Regenerative Medicine in academic, clinical and industrial settings. Such efforts were strongly supported by the Swedish Research Council, as well as the Chief Executive Office and Innovation Technology Commission of the HKSAR Government.

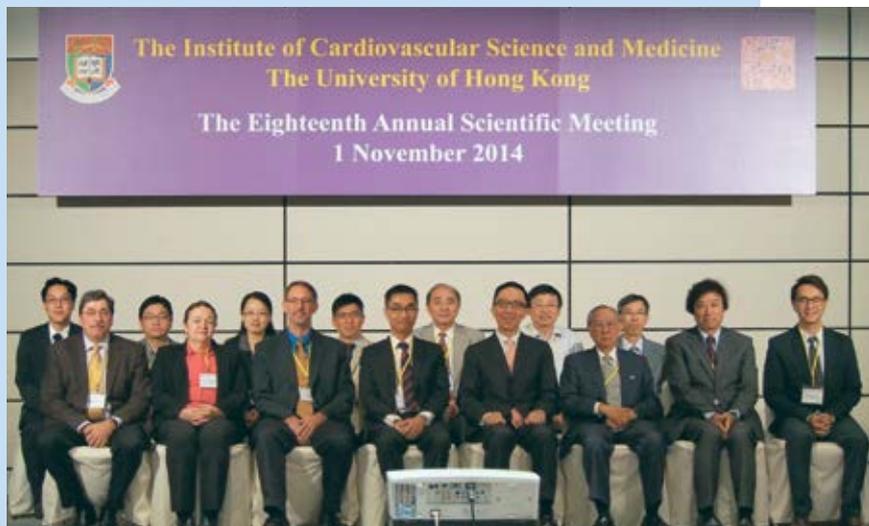


Professor Urban Lendahl, Professor of Genetics at the Karolinska Institutet, gave the Introductory Remarks in the KI-HK Regenerative Medicine Retreat 2014.

OCTOBER 23 - 25, 2014

### 18TH ANNUAL SCIENTIFIC MEETING OF THE INSTITUTE OF CARDIOVASCULAR SCIENCE AND MEDICINE

The 18th Annual Scientific Meeting of the Institute of Cardiovascular Science and Medicine was held on November 1, 2014, at the Hong Kong Convention and Exhibition Centre. The Conference was inaugurated by the Dean, **Professor Gabriel M Leung** (梁卓偉). **Professor Gordon Tomaselli**, immediate past president of the American Heart Association and Director of the Division of Cardiology at Johns Hopkins University School of Medicine, delivered the keynote lecture. More than 120 participants attended.



NOVEMBER 1, 2014

### RECEPTION FOR DR CHENG YU TUNG FELLOWS 2014-2015

The 2014-2015 Reception for Dr Cheng Yu Tung Fellows took place on November 7, 2014, with the presence of **Mr Peter Cheng Kar-shing** (鄭家成), Executive Director of the New World China Land Limited and Chairman of the Chow Tai Fook Charity Foundation.



The 10 fellows admitted this year thanked Mr Cheng for his generosity and support for the Scheme, which offers them valuable training opportunities in research and clinical practice at the Faculty. Mr Cheng encouraged the fellows to contribute to their home institutions by what they learnt at HKU. **Dr Zhang Minyue** (張旻玥), a fellow in 2012-2013 who pursued doctoral studies after completing the fellowship training, shared his experiences.



NOVEMBER 7, 2014



## JOINT SYMPOSIA ON TRADITIONAL CHINESE MEDICINE

Three symposia on Traditional Chinese Medicine were jointly held from November 15 to 16, 2014, at the Faculty with the theme "Free Radical, Chinese Medicine and Translational Medicine". More than 60 speakers from the USA, UK, China, Taiwan and Hong Kong presented their research findings. The event was organised by the School of Chinese Medicine of HKU and the Shenzhen Traditional Chinese Medicine Hospital of the Guangzhou University of Chinese Medicine, with support from the Pong Ding Yuen family, the Faculty and the Commission of Free Radical Biology and Medicine of Biophysical Society of China.

The 8<sup>th</sup> Pong Ding Yuen International Symposium on Traditional Chinese Medicine cum  
The 2<sup>nd</sup> International Chinese Symposium on Free Radical Research &  
The 6<sup>th</sup> Symposium for Three Districts of Cross-straits on Free Radical Research

Free Radical - Chinese Medicine - Translational Medicine

Opening Ceremony  
November 15-16, 2014



NOVEMBER 15 - 16, 2014

## 21ST HONG KONG INTERNATIONAL CANCER CONGRESS

The Centre for Cancer Research and the Faculty successfully held the 21st Hong Kong International Cancer Congress on November 21, 2014, with the theme "Translating Discoveries into Prevention and Cures". Nine overseas and 14 local scientists and clinicians presented their latest findings on topics including cancer therapeutics, pain management, family medicine, targeted therapy, pathway analysis, drug discovery, gynaecological cancer and psycho-social oncology, to more than 900 participants.



Four Young Investigator Awards were presented to **Mr Xia Nan** (夏楠), School of Public Health, HKU; **Mr Felix Cheuk** (卓志恒), CancerLink, Hong Kong Cancer Fund; **Mr Chan Lok-hei** (陳洛禧), Department of Anatomy, HKU; and **Ms Xu Mingjing** (徐明婧), Department of Pathology, HKU. Four Poster Prizes were awarded to **Dr Michael Tse** (謝家德), Institute of Human Performance; **Ms Stella Chai** (蔡若涓) and **Ms Xu Wenwen** (許雯雯), Department of Anatomy, HKU; and **Dr Qi Xiang** (祁翔), Department of Surgery, HKU.



NOVEMBER 21, 2014

## HONG KONG PUBLIC HEALTH FORUM 2014

The School of Public Health hosted the Fourth Hong Kong Public Health Forum on December 8, 2014, with the theme "The Role of the Generalist in Public Health - A Tribute to Professor Anthony J Hedley" featuring Professor Hedley's important research on Air Pollution, Tobacco Control and Health Services Research.

More than 350 guests and many colleagues, associates, trainees, students and friends of Professor Hedley from all over the world gathered at the Forum to celebrate his achievements and contributions to public health. All were deeply moved that Professor Hedley travelled from his home in the Isle of Man, UK to attend despite his failing health. Professor Hedley died of pancreatic cancer shortly after the Forum.



## SYMPOSIUM ON STEM CELLS, REPRODUCTION, DEVELOPMENT AND DISEASE & SCIENTIFIC IMAGING COMPETITION

The Symposium on Stem Cells, Reproduction, Development and Disease organised by the Centre for Reproduction, Development and Growth was held on December 12, 2014. Seven speakers from the USA, UK, Canada, Australia, Spain, Japan, as well as local speakers joined the event which provided good opportunities for interaction between overseas and local experts.

In addition, the Centre launched the first Scientific Imaging Competition with the aim to encourage high quality image outputs and promote artistic appreciation of scientific works. An exhibition displaying all the entries was enjoyed by all Faculty members.



## OPENING CEREMONY FOR THE ACADEMIC MEDICAL CYCLOTRON UNIT

The Opening Ceremony for the Academic Medical Cyclotron Unit, Department of Diagnostic Radiology, was held on December 18, 2014. The Unit was established with the funding from a Special Equipment Grant from the University Grants Committee (UGC). It represents an important cornerstone of Molecular Imaging in HKU. More than 70 guests, academic staff and friends joined the Department in celebrating the official opening of the facility.



### FACULTY SPRING RECEPTION 2015

The Faculty Spring Reception was held on February 25, 2015, attended by more than 260 guests, donors, honorary teachers, staff, alumni, students and friends of the Faculty. The Dean, **Professor Gabriel M Leung** (梁卓偉), expressed his heartiest gratitude to all for their support, hard work and contributions over the past year.

The Dean invited the guests of honour, heads of departments and student representatives to raise a toast. The guests included **Professor Peter Mathieson**, President and Vice-Chancellor of HKU; **Dr Leong Che-hung** (梁智鴻), Chairman of the HKU Council; **Professor Grace Tang Wai-king** (鄧惠瓊), Chairman of the Faculty Board; **Professor Mak Tak-wah** (麥德華), Chairman of the Croucher Foundation; **Professor Sophia Chan** (陳肇始), Under Secretary for Food and Health of the HKSAR Government, **Professor John Leong Chi-yan** (梁智仁), Chairman of the Hospital Authority (HA); **Dr Leong Pak-yin** (梁柏賢), Chief Executive of HA; **Dr Donald Li Kwok-tung** (李國棟), President of the Hong Kong Academy of Medicine; **Dr Cindy Lai Kit-lim** (黎潔廉), Director of Health; and the Chief Executives of different hospitals.



A group of medical students staged a superb singing performance, adding to the joy of the festive occasion.



FEBRUARY 25, 2015

### THE 2015 PRIMARY CARE RESEARCH SYMPOSIUM

The 2015 Primary Care Research Symposium organised by the Department of Family Medicine and Primary Care was held on March 14, 2015. It featured a plenary talk on the practical aspects of conducting medical education research in a clinical setting by **Professor Dawn DeWitt**, Hong Kong College of Family Physicians Visiting Professor in Family Medicine. Researchers from HKU, The Chinese University of Hong Kong and the Hospital Authority presented their works in different areas of primary care, to an attentive audience.



MARCH 14, 2015

### "EXPLORE THE WORLD OF MEDICINE" PUBLIC LECTURE SERIES 2015

The Faculty's annual event, "Explore the World of Medicine" Public Lecture Series, entered its ninth year in 2015. The event is co-organised by the Faculty and the Hong Kong Public Libraries, with the objective to enrich the public's understanding of health issues as well as to educate them on the prevention and treatment of different diseases.

The first lecture of the new series was delivered on March 14, 2015, with the topic "Knowing Vaccination and Allergies", which attracted more than 250 members of the public. Details of the first batch of monthly lectures are as follows:



March 14	Knowing Vaccination and Allergies
April 11	An Overview on Medical Ethics
May 9	Knowing Western and Chinese Medicine
June 13	Cutting-edge Development of Minimally Invasive Surgery and Robotic Surgery

The second batch of lectures in the series will commence in September 2015. For more information, please visit [www.med.hku.hk/public\\_lecture](http://www.med.hku.hk/public_lecture).

MARCH 14, 2015

### MEDICAL SOCIETY 100TH ANNIVERSARY GALA DINNER



The year 2014 marked the 100th anniversary of the establishment of the Medical Society. Members of the former and current cabinets, and 120 guests joined the commemorative Anniversary Gala Dinner on December 11, 2014. The programme began with an introduction of the history of the Society by **Dr Philip Beh Swan Lip** (馬宣立), Honorary President of the Society. **Professor Rosie Young Tze-tze** (楊紫芝), **Dr Leong Che-hung** (梁智鴻) and **Dr Simon Luk Chun-wa** (陸俊華) shared their stories when serving as committee members. The celebration culminated with musical performances and the closing speech by **Professor Lau Chak-sing** (劉澤星).

## 19TH RESEARCH POSTGRADUATE SYMPOSIUM

The 19th Research Postgraduate Symposium was held from December 11-12, 2014, with the theme "Discovery to Application: Communicating Research Innovations". For the first time, the symposium was organised by a committee of research postgraduate students. About 40 students delivered oral presentations and 160 presented posters. Three renowned overseas speakers, namely, Professor Michael W Salter, University of Toronto, Canada, Professor S Diane Hayward, Sidney Kimmel Cancer Centre at Johns Hopkins School of Medicine, USA and Professor James C Coyne, University of Pennsylvania School of Medicine, USA, delivered plenary lectures and served as chairpersons or adjudicators in various sessions with 21 Faculty members.



### ORAL PRESENTATIONS

Congratulations to **Miss Liu Aijia** (劉艾佳), PhD candidate, Department of Surgery, and **Mr Tey Sze Keong** (鄭思強), PhD candidate, Department of Pathology, who won the joint Best Presentation Award. Congratulations also to the runner-up, **Miss Zhong Ling** (鍾玲), PhD candidate, Department of Medicine.

### POSTER PRESENTATIONS

Congratulations to the following students for delivering the best poster presentation in their own sessions:

- Mr Chan Lok-hei** (陳洛禧), PhD candidate, Department of Anatomy
- Mr Chong Chi-ho** (莊智濠), MPhil candidate, Department of Paediatrics and Adolescent Medicine
- Mr Kwok Ho-man** (郭浩文), PhD candidate, Department of Medicine
- Mr Leong Keng-chon** (梁景俊), MPhil candidate, School of Public Health
- Ms Li Yun** (李芸), PhD candidate, Department of Clinical Oncology
- Ms Ming Xiaoyan** (明小燕), PhD candidate, Department of Clinical Oncology
- Mr Marco Tang Sze-lok** (鄧思樂), MPhil candidate, Department of Biochemistry
- Mr Wen Songjia** (溫頌嘉), PhD candidate, Department of Biochemistry
- Miss Xu Mingjing** (徐明婧), PhD candidate, Department of Pathology
- Miss Zhang Shuo** (張碩), PhD candidate, Department of Biochemistry





## MEDICAL OUTREACHERS SERVICE TRIPS

Student volunteers of the Medical Outreachers, a student service group, paid monthly home visits for the elderly at a leprosy village in Huadu, Guangzhou, during the first semester of the current academic year. They performed simple medical checks, taught exercises, played games and interacted with leprosy patients. A participant reflected, "Although some patients have to depend on wheelchairs, while others have permanently deformed facial features, they have the heartiest laughter and open hearts. We wish to help recovered patients integrate into the society, which is a challenge because of deep-rooted misunderstandings about the disease."



## VOICE WINTER TRIP 2014



VOICE (Vision of Inspiration & Child Empowerment), an HKU student service group, organised their winter service trip to Shangcai, Henan from December 27, 2014 to January 2, 2015, in collaboration with Chi Heng Foundation. Nine volunteers and four committee members taught primary school students a variety of topics and conducted an interactive HIV/AIDS health seminar to an audience of more than 700 high school students to convey messages of AIDS prevention and anti-discrimination. Participants also paid home visits to children impacted by HIV/AIDS. "Seeing the smiles on their faces made all the preparation for the trip worth it!" said a committee member.



## DRUG USAGE INFORMATION DAY

A group of Pharmacy students organised the Drug Usage Information Day with the theme "Bone Lovers" in Aberdeen on January 17 and 18, 2015, to arouse public awareness of osteoporosis. Exhibition boards, information booklets, game booths and lectures were used to disseminate information about drug usage. Students conducted simple health check-ups while registered pharmacists provided counselling services. The event attracted around 1,000 people. This has become a regular event organised by Pharmacy students in different housing estates or community centres since 2014.



# 28TH EAST ASIAN MEDICAL STUDENTS' CONFERENCE 2015

The Asian Medical Students' Association Hong Kong (AMSAHK) sent a delegation of 24 medical students from HKU and The Chinese University of Hong Kong to participate in the 28th East Asian Medical Students' Conference held in Jakarta, Indonesia from January 10 to 15, 2015. The delegates participated in the keynote lectures, workshops, sightseeing tours as well as interesting cultural activities with more than 260 delegates from 17 countries. With their project on the theme "Sexually Transmitted Infections", the team won the Best Scientific Paper while coming second in both Scientific Poster and Public Health Poster categories. The Conference helped foster stronger ties among medical students in the Asia Pacific Region and aroused students' interest in global health issues.



## "GUARDIANS OF HANDS"

Syndromes resulting from the overuse of upper limbs have become more prevalent. To raise awareness and promote early prevention, nine medical students organised the "Guardians of Hands" event in Causeway Bay on January 24, 2015. With the aid of display boards and leaflets, the public was introduced to the causes, prevention and treatments of five different diseases. Stretching exercises were also demonstrated. Students interacted with more than 300 pedestrians, with the majority giving positive feedback.



## MEDICAL SOCIETY INAUGURATION CEREMONY 2015

The Inauguration Ceremony of the Executive Committee of Session 2015, *Nexus*, was held on March 6, 2015. **Dr Leong Che-hung** (梁智鴻) encouraged the students to contribute not only as healthcare professionals, but also as influential leaders in the society while **Professor Lau Chak-sing** (劉澤星) encouraged them to explore opportunities to learn beyond the curriculum.



## APPLAUSE

**Ms Iris Xu Mingjing** (徐明婧), PhD candidate, Department of Pathology, received the Young Investigator Award in the 21st Hong Kong International Cancer Congress.

**Dr Bettina Wan Ka-ming** (尹家明), Master of Public Health student, School of Public Health, received the Professor Anthony Hedley Prize for Master of Public Health 2014-2015.

**Dr Andrew Wong Chun-lok** (黃俊樂) and **Mr Ahmed Mohamed Raia**, Master of Public Health students, School of Public Health, received the Master of Public Health Honorary Teachers Scholarships 2014-2015.

**Miss Lim Wey Wen** (林蔚文), Master of Public Health student, School of Public Health, received the Professor Anthony J Hedley Scholarship for Master of Public Health 2014-2015.

A group of MBBS students have been awarded the Medic'71 Dean's Prize for Community Projects, including **Mr Heywood Chan Hei-wo** (陳義和), **Mr Aaron Chan Hey-yin** (陳希賢), **Ms Ho Nicola Tessa** (何欣彤), **Mr Lam Wing-kit** (林榮杰), **Ms Carmen Ng Shu-man** (吳樹泯), **Mr Amas Leung Kwan-wai** (梁均璋), **Mr Mak Yuen-hei** (麥元禧), **Mr Henry Wong Chun-yip** (黃進業), **Ms Karen Yuen Ka-wan** (袁嘉韻), for their outstanding project on breast cancer.

## MBBS CLASS 1974 REUNION

Alumni of MBBS Class 1974 celebrated their 40th anniversary on October 24, 2014. Some alumni and their families came to visit HKU's Main Campus and recollected fond memories of their student years.



## MBBS CLASS 2009 REUNION

Alumni of MBBS Class 2009 celebrated their 5th anniversary on November 15, 2014. About 40 alumni savoured a delicious lunch buffet on the Saturday.



## MBBS CLASS 1994 REUNION

Alumni of MBBS Class 1994 celebrated their 20th anniversary on November 23, 2014. Over 50 alumni and their families joined tours to the Medical Campus and Main Campus, while more than 80 attended the reunion dinner at Loke Yew Hall, with their respected teachers.



## HONG KONG MEDICAL ASSOCIATION FAMILY SPORTS DAY 2014

The HKU Medical Alumni Association (HKUMAA) formed a team to participate in the relay race of the Hong Kong Medical Association Family Sports Day 2014, held on November 30, 2014. All participants enjoyed the race and congratulated the winning team in the invitation relay. They wore the 15th anniversary commemorative windbreaker of the Association.



### HKUNAA ANNUAL GENERAL MEETING

The HKU Nursing Alumni Association (HKNAA) held their Annual General Meeting in conjunction with the Christmas dinner at the HKU Alumni Association on December 30, 2014. The alumni reviewed their achievements in the past year, and encouraged more alumni to join the upcoming tenth anniversary celebrations of the Association in 2015.



### HKUMAA YOUNG ALUMNI BARBEQUE GATHERING

Since 2010, the HKUMAA has organised gatherings for young alumni to meet with each other and some senior alumni. On January 10, 2015, more than 30 alumni and friends joined a barbeque held at the Hong Kong Academy of Medicine and enjoyed a relaxing afternoon with tasty food and sharing.



### CHINESE MEDICINE ALUMNI ADMINISTER MANUAL TREATMENTS TO HKU MARATHON RUNNERS



The HKU Bachelor of Chinese Medicine Alumni Association (HKUBCAA) supported HKU Marathon runners at the Standard Chartered Hong Kong Marathon on January 25, 2015. More than 30 Chinese Medicine alumni and students helped HKU runners to relieve the post-exercise discomfort they felt at the end of their arduous races, using Chinese Medicine manipulation techniques such as medical massage.

## SHARING CORNER



**Mr Wilson Chow Wai-sun**  
周韋遜 (BChinMed 2009) &  
**Ms Angela Lau Fung-ping** 劉鳳萍



**Mr Lai Ka-chung** 黎嘉仲  
(BNurs 2010) &  
**Ms Ip Tse-ting Maria** 葉芷婷  
(BNurs 2010)



**Dr Patrick Leung Siu-chung** 梁兆琮 (MBBS 2008) &  
**Ms Zoe Hon Suet** 韓雪 (BNurs 2008, MNurs 2013)



**Dr Samuel Siu Ji-sum**  
蕭子蔘 (MBBS 2011) &  
**Dr Constance Hui Yung-ting**  
許雍庭 (MBBS 2011)



**Mr Leo Wu Ka** 胡嘉 &  
**Dr Michelle Liu Xin** 劉昕  
(PhD 2013)

If you wish to share with us the happy moments in your life or any special experiences (e.g. service projects), please send your news and photos to [prfacmed@hku.hk](mailto:prfacmed@hku.hk).



**Sean Yuen** 袁乘風 (BChinMed 2009) has been cycling around the world with Ron, a young lung cancer survivor, since 2014 to promote a sustainable way of travelling and way of life. In the coming months, they will cycle from Spain to Hong Kong. Follow their exciting stories at <http://bikeforwards.com>



## HELLO



**Dr Patrick Chung Ho-yu** (鍾浩宇) joined the Department of Surgery as Clinical Assistant Professor in January 2015. Dr Chung graduated from HKU with an MBBS degree in 2004 and received surgical training in the Department of Surgery, Queen Mary Hospital, where he served as Associate Consultant prior to the current appointment. He is a specialist in paediatric surgery. Dr Chung's research interests include paediatric gastrointestinal, hepatobiliary surgery and liver transplantation.



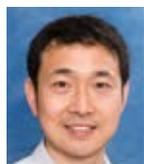
**Dr Gao Bo** (高波) joined the Department of Biochemistry as Assistant Professor in February 2015. Dr Gao obtained his bachelor's and doctoral degrees from Shanghai Jiao Tong University with three years of PhD training at HKU as an exchange student. He received his postdoctoral training at the National Human Genome Research Institute and worked as a staff scientist at the National Institutes of Health, USA before joining HKU. Dr Gao is interested in studying major signalling pathways in both normal developmental processes and human diseases with a focus on skeletal/connective tissue disorders.



**Dr Vivian Li Xiuling** (李秀玲) joined the Department of Pathology as Clinical Assistant Professor in January 2015. Dr Li obtained her bachelor's and master's degrees in medicine in 2005 and 2007 from Peking University. She worked as a resident in the Department of Internal Medicine in Peking University First Hospital during 2005-2007. She then earned her PhD from the Hong Kong University of Science and Technology in 2011. Her research interest lies in translational research, in particular haematopathology.



**Dr Ng Ming-yen** joined the Department of Diagnostic Radiology in September 2014. He graduated from the University of Nottingham in 2005 and completed his radiology training in the UK, which included two years of subspecialty training in cardiothoracic radiology. Subsequently, he undertook a cardiac imaging fellowship in Toronto General Hospital and received a year of training in cardiac CT and MRI. His research interests include congenital heart diseases, cardiac CT, cardiac MRI and chest radiology.



**Dr Tian Linwei** (田林璋) joined the School of Public Health as Associate Professor in November 2014. He obtained his doctoral degree from the University of California, Berkeley in 2005. He worked previously as

Assistant Professor in The Chinese University of Hong Kong. His research interest is environmental epidemiology with a focus on air pollution and health.



**Dr Vince Varut Vardhanabhuti** joined the Department of Diagnostic Radiology after working at Imperial College Healthcare NHS Trust in London, UK. He graduated from Guy's, King's and St Thomas' School of Medicine in London, underwent postgraduate specialty training and completed a doctoral degree (MD). His research interests include low dose CT, liver and cardiac imaging.



**Dr Wong Kai-pun** (黃啟斌) joined the Department of Surgery as Clinical Assistant Professor in January 2015. Dr Wong obtained his MBBS degree from HKU in 2005 and received surgical training in Ruttonjee Hospital. In 2012, he joined the Department of Surgery, Queen Mary Hospital and sub-specialised in endocrine surgery. His research interests include endocrine oncology, surgical outcome and application of ultrasound in endocrine surgery.

## RETIREMENT

The Faculty would like to thank **Dr Wong Chit-ming** (黃浙明), Associate Professor of the School of Public Health, for his dedication and contributions to the Faculty. We wish him all the best for his future endeavours.

## GOODBYE

We would like to express our gratitude and best wishes to the following staff members who have left or will be leaving the Faculty:

- Dr Ke Youfu** (柯有甫), School of Chinese Medicine;
- Dr Li Guirong** (李貴榮), Department of Physiology;
- Dr Jensen Poon Tung-chung** (潘冬松), Department of Surgery;
- Professor Poon Tung-ping** (潘冬平), Department of Surgery;
- Dr Wong Chun-sing** (黃鎮昇), Department of Diagnostic Radiology;
- Dr Yue Jianbo** (岳劍波), Department of Physiology.

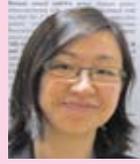
## APPOINTMENTS AND PROMOTIONS



**Dr William Li Ho-cheung** (李浩祥), previously Assistant Professor of the School of Nursing, has been promoted as Associate Professor.



**Dr Ray Ng Kit** (吳傑), previously Assistant Professor of the Department of Pathology, has been appointed as Assistant Professor of the Department of Biochemistry and Department of Anatomy.



**Dr Shin Vivian Yvonne** (洗念慈), previously Research Officer of the Department of Surgery, has been promoted as Research Assistant Professor.



**Dr Kelvin Yeung Wai-kwok** (楊偉國), previously Assistant Professor of the Department of Orthopaedics & Traumatology, has been promoted as Associate Professor.

## ACHIEVEMENTS AND AWARDS

**Professor Kenneth Cheung Man-chee** (張文智) of the Department of Orthopaedics and Traumatology, has been appointed as Vice President of the Scoliosis Research Society.

**Professor Bernard Cheung Man-yung** (張文勇) of the Department of Medicine, has been awarded an Inaugural Fellowship of the British Hypertension Society in recognition of his contribution and leadership in the hypertension speciality.

Four staff members of the Faculty Office have received the Long Service Award from HKU, including **Ms Chow Wai-hing** (周惠馨), **Ms Leung Suk-hing** (梁淑馨), **Ms Poon Wan-wai** (潘蘊蕙) and **Ms Yip Man-wah** (葉敏華) in recognition of their loyal service for more than 15 years.

**Professor Guan Yi** (管軼) of the School of Public Health, and **Professor Zhou Zhongjun** (周中軍) of the Department of Biochemistry, have been awarded the Outstanding Researcher Awards 2013-14 by HKU.

**Professor Jin Dongyan** (金冬雁) of the Department of Biochemistry, has been awarded the Outstanding Research Student Supervisor Award by HKU.

**Professor Khoo Ui Soon** (邱瑋璇) of the Department of Pathology, and **Professor Patrick Woo Chiu-yat** (胡劍逸) of the Department of Microbiology, have been awarded the Croucher Senior Medical Research Fellowships 2015-16 by the Croucher Foundation. **Professor Zhou Zhongjun** (周中軍) of the Department of Biochemistry, and **Dr Benjamin John Cowling** (高本恩) of the School of Public Health, have been awarded the Croucher Senior Research Fellowships 2015-16.

**Dr Liu Ming** (劉銘) of the Department of Clinical Oncology, has received the 2014 Young Scientist Award from Hong Kong Institution of Science.

**Professor Lo Chung-mau** (盧寵茂) and his team in the Department of Surgery, including **Professor Man Kwan** (萬鈞), **Dr Nikki Lee Pui-yue** (李珮瑜), **Dr Kevin Ng Tak-pan** (吳德斌), **Dr Geng Wei** (耿瑋), **Dr Li Changxian** (李長賢) and **Dr Liu Xiaobing** (劉小兵), have received the First Class Award of 2014 China Medical Science and Technology Award from the China Medical Association for their innovative study on liver transplantation, being the first team in Hong Kong to receive the prestigious award.

**Professor Keith Luk Dip-kei** (陸颺驥) of the Department of Orthopaedics and Traumatology, has been appointed as the President of the International Society of Orthopaedic Surgery and Traumatology.

**Professor Paul Tam Kwong-hang** (譚廣亨) Vice-President and Pro-Vice-Chancellor (Research) of HKU, and **Professor Malik Peiris** (裴偉士) of the School of Public Health, have been the recipients of the fourth round of the Theme-based Research Scheme launched by the Research Grants Council of Hong Kong, for their respective projects on "Genetics and functional genomics of neural crest stem cells and associated disease: Hirschsprung Disease" and "Viral, host and environmental determinants of influenza virus transmission and pathogenesis".

**Dr Joseph Wu Tsz-kei** (胡子祺) of the School of Public Health, has been awarded the Outstanding Young Researcher Award 2013-2014 by HKU.

## MEDIA HIGHLIGHTS

The Faculty keeps the Hong Kong community informed of the latest developments in health-related issues, and encourages a healthy lifestyle by contributing to TV and radio programmes, such as "Doctor and You", "精靈一點" (*Radio Television Hong Kong, RTHK*), "醫療專題" (*Television Broadcasts Limited, TVB*), "至Fit男女" (*Cable TV*), "醫APPS最強" (*Phoenix TV*). It also produces regular health columns in local newspapers including the *Oriental Daily News* 《東方日報醫健寶庫系列》 (Saturdays) and *am730* 《香港大學李嘉誠醫學院中醫藥系列、香港大學李嘉誠醫學院傳染病系列》 (Mondays). Please visit our Knowledge Exchange - Engaging the Community section at <http://www.med.hku.hk> to find out more.

The Faculty organised media interviews for the Dean and Faculty members to share their views on the outbreak of H3N2 influenza, the newly established Emergency Medicine Unit and the collaboration with Zhejiang University at the Collaborative Innovation Centre for Diagnosis and Treatment of Infectious

Diseases Plaque Unveiling Ceremony. The media was invited to try the "Escape Room" at an abandoned laboratory at Dexter H C Man Building, which offers MBBS students a new game-based learning experience.

The Faculty also lined up interviews with colleagues for their expertise and comments on atrial fibrillation, the power of placebo, cold and flu, infectious diseases, prostate cancer, cardiovascular diseases in males, and other health related issues.

The Faculty provided media consultancy and assistance to Pharmacy students in organising the "Drug Usage Information Day". Column articles were published in *Oriental Daily* while the programme "精靈一點" promoted the event. The event attracted positive media coverage. The Faculty also assisted MBBS third year students in organising their Health Advocacy Projects.

Recent Faculty press events are as follows:

## November

**11** HKU researchers encourage elderly patients of multidisciplinary hormone receptor positive (HR+) breast cancer to seek treatment in order to improve their life quality and enjoy aging with a positive attitude.

港大學者鼓勵患荷爾蒙受體陽性 (HR+) 乳癌的長者積極接受治療，正向面對乳癌，提升生活質素

**17** HKU researchers welcome the "3-in-1" treatment for hepatitis C to be provided free-of-charge at public hospitals.

港大學者歡迎丙型肝炎「三合一治療」納入公院免費治療項目

**20** HKU researchers discover host adaptation strategies of avian influenza A viruses for better replication in human.

港大發現禽流感病毒跨種感染人類的適應性變異

## December

**8** HKU School of Public Health hosts the Fourth Hong Kong Public Health Forum on "The Role of the Generalist – A Tribute to Professor Anthony J Hedley".

港大公共衛生學院舉辦第四屆香港公共衛生論壇，主題為「舉足輕重的公共衛生通才——向賀達理教授致敬」

**16** HKU study reveals smoking kills half of all elderly smokers and suggests the Government should strengthen tobacco control policies.

港大研究發現吸煙可導致一半吸煙長者死亡，促政府加強控煙措施

**30** HKU survey reveals citizens' negative attitudes towards patients of psychosis despite their improved understanding of psychosis.

港大調查顯示市民雖然增加了對思覺失調的認識，但仍對患者抱負面態度

## January

**5** HKU researchers analyse the data from the School Physical Fitness Award Scheme and find that Hong Kong children were less fit than their peers in Mainland China, Singapore and Europe.

港大學者分析學校體適能獎勵計劃收集的數據，發現本港學童的體適能較國內、新加坡及歐洲同齡學童遜色

**8** WHO launches an HKU-verified hand hygiene programme globally

世衛推行港大檢證之全球潔手計劃

HKU School of Public Health is designated as a WHO Collaborating Centre for Infectious Disease Epidemiology and Control

港大公共衛生學院獲世衛委任為「傳染病流行病學及控制」合作中心

## February

**5** HKU performs a first-in-man restorative treatment – the dual-targeted thoracic spinal cord stimulation for heart failure.

港大首次為心臟衰竭患者進行雙靶胸段脊髓刺激恢復性治療

**11** A new publication by HKU paediatricians entitled "Infant nutrition – starting from the womb – the paediatric disease you must learn" is published.

港大兒科醫生出版新書「不能不認識的兒童病系列 5 – BB營養 – 由媽咪懷孕開始」

**16** HKU announces the latest research findings on H3N2 influenza virus.

港大公布H3N2流感病毒最新研究結果

**25** Media Spring Reception is hosted by the Faculty.

港大醫學院舉行新春傳媒茶聚

## IN REMEMBRANCE



With deep sorrow, we mourn the passing of **Professor Anthony J Hedley**, Emeritus Professor of the School of Public Health, in the Isle of Man, United Kingdom, on December 19, 2014. A memorial service for Professor Hedley was held by the School on February 6, 2015, at St John's Cathedral. Members of HKU, colleagues, students and friends gathered to pay tribute to Professor Hedley for his significant achievements and contributions to public health.

Professor Hedley joined HKU in 1988 and was the Chair Professor of Community Medicine until his retirement in 2010. He was Head of the erstwhile Department of Community Medicine from 1988 to 2000. Professor Hedley was awarded a World Health Organization Medal and the HKSAR Bronze Bauhinia Star in 1999 and 2000 respectively.

Professor Hedley was deemed as a polymath in public health whose outstanding contributions spanned from air pollution, tobacco control and life-course epidemiology, to health services research and the control of infectious disease.



## DONATIONS

### 1,000,000 or above

#### Koon Wah Mirror Group

*In support of the research activities in Cardiology undertaken by Professor Tse Hung-fat, Department of Medicine*

#### Koon Wah Mirror Group

*In support of the research activities in Gastroenterology undertaken by Professor Leung Wai-keung, Department of Medicine*

#### Koon Wah Mirror Group

*In support of the research activities in Hepatology undertaken by Professor Lai Ching-lung, Department of Medicine*

#### Koon Wah Mirror Group

*In support of the research activities in Rheumatology and Clinical Immunology undertaken by Professor Lau Chak-sing, Department of Medicine*

#### Mrs Regina Yu Liang Man-lan

*In support of the research projects undertaken by Professor Lau Chak-sing, Department of Medicine*

#### Professor Francis S K Lau

*In support of the Francis Lau Scholarship for Medical Students*

### 500,000 or above

#### Mr Winston Leung Wing-chung

*In support of the research on Diabetic Kidney Disease undertaken by Professor Sydney Tang Chi-wai, Department of Medicine*

#### Suen Family

*In memory of Mr Suen Hon-Pia and in support of the lung cancer research undertaken by Dr James Ho Chung-man, Department of Medicine*

### 100,000 or above

#### Alagate Ltd

*In support of the research projects on the safety and quality control of Chinese medicine undertaken by Dr Zhang Yanbo, School of Chinese Medicine*

#### Continental Cement and Gypsum Co Ltd

*In support of the medical research undertaken by Professor Sydney Tang Chi-wai, Department of Medicine*

#### Golden Eagle Enterprise Group Ltd

*In support of the research projects undertaken by Professor Zhang Zhangjin, School of Chinese Medicine*

#### Hong Kong Concrete Company Ltd

*In support of the medical research undertaken by Professor Sydney Tang Chi-wai, Department of Medicine*

#### Hong Kong Hereditary Breast Cancer Family Registry Ltd

*In support of the employment of research staff by the Department of Surgery*

#### Madam Kong Leong Pui-ye

*In support of the research fund for Dr Gary Lau Kui-kai, Department of Medicine*

#### Dr Kwan Chi-yan

*In support of the aging research conducted by Dr Joseph Kwan Shiu-kwong, Department of Medicine*

#### Mr Lam Shu-chit

*In support of the research on Hepatology undertaken by Professor Yuen Man-fung, Department of Medicine*

#### Ms Catherine Lee Yee-kai

*In support of the proposal "Improve the Outcome of Patients with Ankylosing Spondylitis in Hong Kong" undertaken by Professor Lau Chak-sing, Department of Medicine*

#### The Hong Kong Society of Chinese Medicines Ltd

*In support of the research projects on the safety and quality control of Chinese medicine undertaken by Professor Lao Lixing, School of Chinese Medicine*

#### The Shun Tak District Min Yuen Tong of Hong Kong

*In support of the research undertaken by the Department of Medicine*

#### Thomas and Linda Lau Family Foundation

*In support of the research on Hepatology undertaken by Professor Yuen Man-fung, Department of Medicine*

#### Dr Victor Woo Ophthalmology and Visual Sciences Research Fund

*In support of the glaucoma research undertaken by the Department of Ophthalmology*

*(In alphabetical order of last names or organisation names)*

# FORTHCOMING EVENTS

## APRIL

**Explore the World of Medicine: Public Lecture Series 2015** 育醫造才：探索醫學世界 2015 公開講座系列

### Topics

An Overview on Medical Ethics  
醫學倫理知多少？

**April 11, 2015**

Knowing Western and Chinese Medicine  
中西藥全面睇

**May 9, 2015**

Cutting-edge Development of Minimally Invasive Surgery and Robotic Surgery  
微創手術及機械臂手術的新發展

**June 13, 2015**

Lecture Theatre, Hong Kong Central Library, Causeway Bay

### Information

Secretariat  
T: 2255 4607 F: 2816 2863 E: medinfo@hku.hk  
W: www.med.hku.hk/publiclecture/pl2015a/

**Public Lecture on "New Forms of Biobanking: The Measured Man"**

**April 29, 2015**

Academic Conference Room, 11/F, Cheng Yu Tung Tower, Centennial Campus, HKU

### Information

Ms Polly Yiu, Centre for Medical Ethics and Law  
T: 3917 1845 E: pollyyiu@hku.hk  
W: cmel@hku.hk

## MAY

**Advanced Trauma Care for Nurses (ATCN) Provider Course**

**May 7 – 8, November 5 – 6, 2015**

Surgical Skills Centre, Department of Surgery, Laboratory Block, 21 Sassoon Road, Pokfulam

### Information

Course Administrator, Department of Surgery  
T: 3917 9691 / 3917 9692 F: 2818 9249  
E: hkussc@hku.hk W: www.surgery.hku.hk/atcn.php

**Advanced Trauma Life Support (ATLS) Student Course**

**May 7 – 9, July 9 – 11, September 17 – 19, November 5 – 7, December 10 – 12, 2015**

Surgical Skills Centre, Department of Surgery, Laboratory Block, 21 Sassoon Road, Pokfulam

### Information

Course Administrator, Department of Surgery  
T: 3917 9691 / 3917 9692 F: 2818 9249  
E: hkussc@hku.hk W: www.surgery.hku.hk/atls.php

**20th Hong Kong Medical Forum**  
**May 16 – 17, 2015**

Hong Kong Convention and Exhibition Centre, Wan Chai, Hong Kong

### Information

Administrative Assistant, Department of Medicine  
T: 2255 4607 F: 2816 2863 E: medinfo@hku.hk  
W: www.medic.hku.hk/hkmf.htm

**Update Certificate Course in Gastroenterology & Hepatology**

**May 30 – 31, 2015**

Cheung Kung Hai Conference Centre, William MW Mong Block, 21 Sassoon Road, Pokfulam

### Information

Administrative Assistant, Department of Medicine  
T: 2255 4607 F: 2816 2863 E: medinfo@hku.hk  
W: www.medic.hku.hk/postdip\_certcourse.htm

## JUNE

**Hong Kong 2015 - the Combined Congress of the Hong Kong International Orthopaedic Forum (HKIOF), the Asia Pacific Spine Society (APSS) and the Asia Pacific Paediatric Orthopaedic Society (APPOS)**

**June 5 – 7, 2015**

Hong Kong Convention and Exhibition Centre, Wan Chai, Hong Kong

### Information

MCI (Hong Kong) Group Limited  
T: 2911 7988 F: 2572 0484  
E: apoahk2015@mci-group.com  
W: www.apoa2015hk.com/index

**Hong Kong-Beijing-Zhengzhou Medical Forum**

**June 12 – 13, 2015**

To be confirmed

### Information

Administrative Assistant, Department of Medicine  
T: 2255 4607 F: 2816 2863 E: medinfo@hku.hk

**International Alzheimer's Disease Conference 2015**

**June 26-27, 2015**

Cheung Kung Hai Conference Centre, William MW Mong Block, 21 Sassoon Road, Pokfulam

### Information

Ms Joyce Ha, Department of Medicine  
T: 2255 4689 F: 2974 1171 E: joyceha@hku.hk

**Update Certificate Course in Infectious Diseases & Medical Dermatology**

**June 27-28, 2015**

Cheung Kung Hai Conference Centre, William MW Mong Block, 21 Sassoon Road, Pokfulam

### Information

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W: www.medic.hku.hk/postdip\_certcourse.htm

## JULY

**12th HKU-Pasteur Virology Course**  
**July 12 – 23, 2015**

Hong Kong Jockey Club Building for Interdisciplinary Research, 5 Sassoon Road, Pokfulam

### Information

Anne Li, HKU-Pasteur Research Centre  
T: 2831 5516 F: 2872 5782 E: anneli@hku.hk  
W: www.hkupasteur.hku.hk

## AUGUST

**Croucher Summer Course: "Advanced Imaging – From System Biology to Single Cell & Single Molecule Analysis"**

**August 1 – 7, 2015**

Hong Kong Jockey Club Building for Interdisciplinary Research, 5 Sassoon Road, Pokfulam

### Information

Anne Li  
T: 2831 5516 F: 2872 5782 E: anneli@hku.hk  
W: www.hkupasteur.hku.hk

**Croucher Summer Course in Cancer Biology 2015**

**August 10 – 14, 2015**

Hong Kong Jockey Club Building for Interdisciplinary Research, 5 Sassoon Road, Pokfulam

### Information

Ms Sena Chui / Selina Lam  
T: 2831 5528 / 2831 5596 F: 2218 5210  
E: csc\_cancerbio@hku.hk  
W: www.patho.hku.hk/index.html

## SEPTEMBER

**The Hong Kong Distinguished Lecture 2015**

**September 4, 2015**

Cheung Kung Hai Conference Centre, William MW Mong Block, 21 Sassoon Road, Pokfulam

### Information

Amy Leung, Department of Orthopaedics and Traumatology  
T: 2255 4974 F: 2817 4392 E: lmf627@ha.org.hk

## OCTOBER

**Update Certificate Course in Respiratory Medicine**

**October 10-11, 2015**

Cheung Kung Hai Conference Centre, William MW Mong Block, 21 Sassoon Road, Pokfulam

### Information

Administrative Assistant, Department of Medicine  
T: 2255 4607 F: 2816 2863 E: medinfo@hku.hk  
W: www.medic.hku.hk/postdip\_certcourse.htm

**Hong Kong Surgical Forum - Autumn 2015**

**October 10, 2015**

Cheung Kung Hai Conference Centre, William MW Mong Block, 21 Sassoon Road, Pokfulam

### Information

Forum Secretary, Department of Surgery  
T: 3917 9691 / 3917 9692 F: 2818 9249  
E: hksf@hku.hk  
W: www.surgery.hku.hk/forum.php

**Shenzhen Surgical Forum - Autumn 2015**  
**October 11, 2015**

HKU-Shenzhen Hospital, No 1 Hai Yuan Yi Lu, Futian District, Shenzhen, Guangdong, China

### Information

Forum Secretary, Department of Surgery  
Te: 2255 4906 / (86-755) 8691 3333 (transfer 8572)  
F: 2855 1897 E: szhsurg@hku.hk  
W: www.surgery.hku.hk/sh\_forum.php



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