



Knowledge Exchange

The University of Hong Kong

April 2014 Issue 6

NEWSLETTER



Knowledge Exchange (KE) has been firmly recognized as the third mission of The University of Hong Kong, alongside Teaching and Research. I feel that KE essentially adds a 3D perspective to the research generated by the University. Through KE, we make our knowledge accessible outside the academia; we apply our knowledge to real-life situations; and we connect our knowledge to the world we live in. KE enables the knowledge generated by our researchers to go much further beyond publications and patents.

In this issue I would like to share with you a few interesting stories that show the diversity in the KE work of HKU. These projects aim to benefit different sectors in society, with specific objectives and well defined engagement strategies. The common thread through these stories is the excellent underpinning knowledge of the University and the enthusiasm of our colleagues to make use their knowledge to do something for society.

These are not one-off projects, but on-going efforts of our colleagues who are committed to benefiting society at large with their expertise. I hope through this newsletter you would be able to share their passion and joy in KE.

Professor Paul K H Tam

Pro-Vice-Chancellor (Research) & Director, Knowledge Exchange Office

Venus in Her Glory at HKU

Opportunity and expertise came together for an exhibition at the University Museum and Art Gallery (UMAG) that introduced young and old alike to the rich and remarkable world of the Renaissance and its art.

The opportunity came from the Italian Consulate, which contacted HKU last summer to gauge interest in exhibiting an original Botticelli painting of the goddess Venus. It would be the first time that a Renaissance masterpiece of this calibre would be shown in Hong Kong.

The expertise came from the UMAG, which is Hong Kong's oldest museum, and the Department of Fine Arts.

"These paintings are typically classified as national treasures and don't travel much, so we were very excited about this," Dr Florian Knothe, UMAG Director, said. "The Italian Consulate liked to partner with us because we were an educational institution. For us, it meant a chance to reach out to the Hong Kong community and also within the University to involve students in the project."

Dr Knothe and Assistant Professor of Fine Arts, Dr Opher Mansour, worked with four recent graduates to curate an exhibition that not only displayed the Venus painting, but provided a backdrop to the era in which it was created.

Altogether, about 30,000 people visited the exhibition during October 18 to December 15, 2013, which was the first time UMAG had organised outreach on this scale.

Dr Knothe said the experience had provided a template for organising future programmes. "The feedback has been very good and the experience has encouraged schools to want to repeat this experience," he said. "Our partnership with the Italian Consulate is a remarkable example showing how the University could work with community partners to contribute to art education and promote art appreciation among schools and the general public."



Officiating guests from left to right: Dr Opher Mansour, Matteo Fazzi (Italian Cultural Institute), Alessandra Schiavo (Italian Consul General for Hong Kong and Macau), and Dr Florian Knothe.

Guided tours and texts described the workshop culture, patronage, materials, iconographic values and other factors of the painter's life in 15th Century Europe. There were also explanations about the founding of many institutions, academies and apprenticeships during the Renaissance and other highlights of this long period of peace and prosperity.

Special tours were organised for schools, in particular Form 4 and Form 5 students who are learning about European culture. These were flexible arrangements that catered to the needs of individual classes and also different age groups (the youngest group included five-year-olds).

A total of 38 school groups came to the Museum and Museum staff also visited a couple of schools to make presentations on the Renaissance.

In addition, special evening tours were organised for adult groups complete with refreshments, and about 20 public tours were held for anyone who dropped in. The public could also visit without a tour.

Guided tour with Kuldip Singh

Sandro Botticelli (1445–1510)'s Venus (centre), Florence, ca. 1482, at the University Museum and Art Gallery



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War, Terrorism and Torture: Provoking a Debate

To ask whether war, terrorism and torture are ever justified would seem to be a pointless exercise. After all, modern political rhetoric tilts firmly towards “just” wars, against terrorism and against torture. But Dr Uwe Steinhoff, Associate Professor in the Department of Politics and Public Administration, argues there are double standards, hypocrisy and propaganda underpinning these views.



Dr Uwe Steinhoff

Dr Steinhoff has been promoting deeper and more nuanced debate about these acts through appearances on radio and television programmes in Europe and Asia, articles in newspapers and journals, and public lectures.

He has also authored various scholarly articles on war and violence and two books, *On the Ethics of War and Terrorism* and *On the Ethics of Torture*, which have been added to the syllabuses of several military academies.


“One of the most important things a philosopher can do is to reveal and challenge double standards,” he said.

“I am not particularly a supporter of the war on terror and I think there is a lot of hypocrisy of the sort that says, when we are doing it, it’s justified violence, it’s a justified war; but when they are doing it, it’s terrorism.”

He argues that innocent people on both sides can be killed or harmed and that an important point to consider is proportionality.

“In wars, far more innocent people are being killed collaterally than by terrorists directly. To take the position that yes, we killed one million people collaterally and therefore we are much better people than others who killed 3,000 people directly [in a terrorist act], is not a convincing argument to me.”

Yet he also argues that terrorism and torture may, in rare cases, be justified by self-defence and necessity, for instance, to prevent even more people from being harmed or having their rights violated. The key term is “rare cases” – he does not think situations such as the abuse of inmates at Guantanamo Bay should be seen in this light, given the double standards on the war on terror and the lack of debate. “The justifications there are far too sweeping,” he said.

Dr Steinhoff’s views have been carried in outlets such as the BBC, Radio Free Asia, the Austrian newspaper *Der Standard* and Swiss television. He has received mostly positive reactions, even from those who do not agree with him. “It is useful to disseminate these ideas to a wider audience and instigate a debate,” he added. 

Dr Uwe Steinhoff received the Faculty Knowledge Exchange Award 2013 of the Faculty of Social Sciences for the project: ‘On the Ethics of Violence: War, Terrorism, and Torture’.

The Many Languages of Hong Kong

To the casual observer, Hong Kong appears to be a Cantonese-speaking city with some English and Putonghua added in. But like major cities the world over, Hong Kong has attracted people from many different places. Beneath the homogeneous Cantonese front is a mosaic of languages and cultures, and now they are the focus of a website launched in the School of English.

The website, LinguisticMinorities.HK, is a project of Assistant Professor Dr Lisa Lim to recognise the richness of Hong Kong’s linguistic environment and give a voice to those communities that are sidelined or whose language is in danger of dying out. Her initiative is in line with the increased attention to linguistic and cultural diversity, and language documentation and

description as a scholarly enterprise, as well as the growing awareness of conservation in the Hong Kong community.

The website amasses information, resources and research on linguistic minorities, including the final-year projects of Language and Communication undergraduates who go into the field and interview speakers of minority languages. They have covered over a dozen communities so far – from Filipina domestic helpers to Hakka grandparents to African and South Asian families.

Some of the languages they focus on are dialects from China that are decreasingly being passed down to younger generations, such as Weitou, Hakka and Chiu Chau, or even in danger of dying out, such as Tanka, the language of boat-dwelling fishermen.

and scratching far below the surface to reveal everyday issues and challenges. People talk to us about their identities, why they prefer one language over another, their frustrations.”



Dr Lisa Lim

For example, South Asian children have very limited opportunities to study their native languages in local schools. This puts them at a disadvantage given the importance of mother-tongue learning, while Africans are often struggling due to limited support in learning Cantonese.

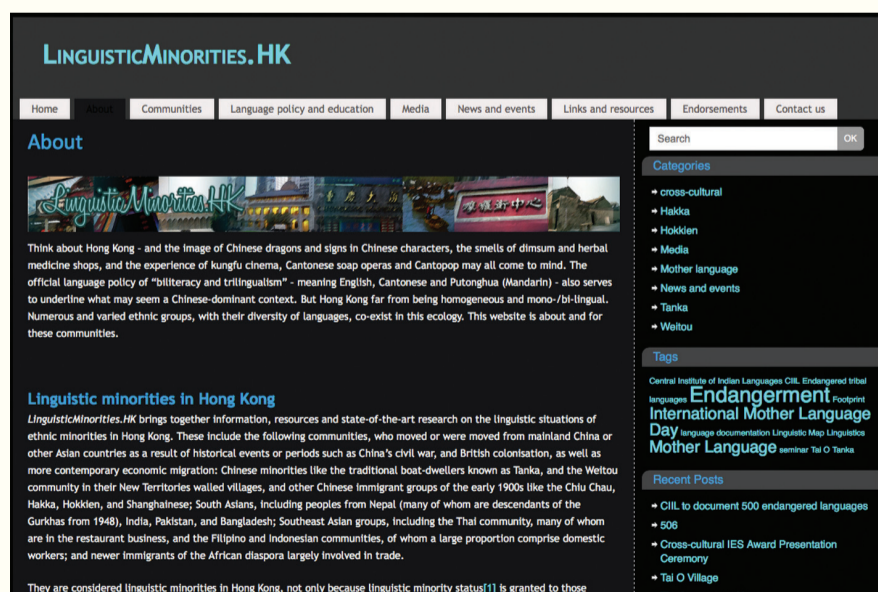
Feedback on the website has been very positive. The linguistic communities appreciate the interest in their language situation, the students, whose high quality of work inspired the website, find the experience gratifying and eye-opening, and journalists and other scholars have said the website plays an important role in showing the linguistic diversity of Hong Kong.

Dr Lim said she hoped the website, which is supported by the Knowledge Exchange Fund, could be further developed in future so the linguistic communities could become more involved “and have some ownership of the website”.

The LinguisticMinorities.HK website is at <http://linguisticminorities.hk/> 

“We are trying to highlight the diversity of minorities in Hong Kong who are often overlooked,” Dr Lim said.

“The Census and Statistics Department can provide data in broad brushstrokes on the proportion of minorities who speak selected languages, but we are on the ground, doing detailed research



LinguisticMinorities.HK

New App for a Healthy Voice

Anyone who has had to talk for a prolonged period will know the problem of voice fatigue, especially teachers and others whose voices are central to their

professional life. A new app developed at HKU aims to help them prevent problems and develop a healthy voice.

The YourVoice app offers advice and exercises for nipping voice problems in the bud, such as a long-term sore throat, dry throat or hoarse throat. Without action, these problems may impact on job effectiveness and quality of life.

Professor Edwin Yiu of the Division of Speech and Hearing Sciences in the Faculty of Education developed the app with his team based on their research and experience in treating people with voice problems.

They surveyed teachers between 2007 and 2010, for instance, and found well over half of them had voice problems.

“A healthy voice should require minimal effort to produce maximum output, without straining or running out of breath,” Professor Yiu said.

“When you have an unhealthy voice, people might find it difficult to understand you because your voice and speech

are not intelligible enough. Studies have also shown that poor voice quality is associated with negative connotations, for instance if it is harsh or the pitch does not match the gender of the person.”

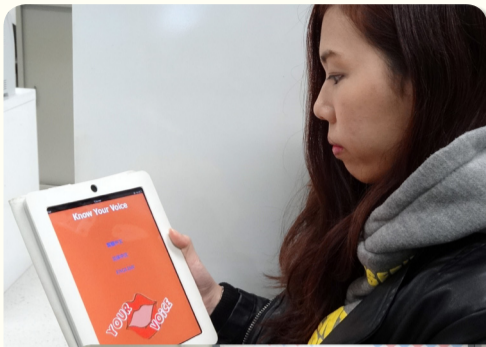
Risk factors for developing voice problems include inappropriate vocal habits (such as forceful speech, throat clearing and speaking with too high or low a pitch), inexperience in using the voice for prolonged periods and using a loud voice.

The app provides a voice test, exercises on proper voice usage, advice on posture and muscle relaxation, and a quality-of-life questionnaire related to voice that was developed at HKU. Those with problems or concerns are encouraged to see a speech therapist.

“We see the app as complementary to seeing a speech therapist. It provides some aids that people can do at home or at their own convenience,” Professor Yiu said.

The app has had more than 2,400 downloads and been updated twice since its launch in 2011. Recently, an element of traditional Chinese medicine was introduced with users asked to identify their body type. “Most people with voice problems classified themselves as yin deficient,” he said, although they need to visit a TCM doctor for a proper diagnosis.

The app is part of the Green Voice project which, among other things, provides in-person training to teacher trainees in HKU’s BEd programme. [KE](#)



A teacher using the App



Professor Edwin Yiu (4th from left, standing) and Voice Research Lab Team members

Technology with a Social Purpose

Dr Vincent Lau of the Department of Computer Science has been developing new technology products for more than 20 years and he is enthusiastic about the possibilities of today’s advances to change lives for the better, especially among the impaired people. At the same time, he has been puzzled that many young people do not have similar enthusiasm. His KE project has tried to change that.

The project, Accessibility Technology Solutions Study for Secondary Schools, was supported by KE funding in 2012/13. It has introduced young people to the exciting potential of technology and, importantly, to the idea that they can create solutions in this field.

“I have two aims. First, to let students know more about the needs of impaired people, and second, to let them have the idea that technology can create useful products. Currently, not many young people want to create technology for new products or services. They want to play with it but not understand it and develop further,” he said.

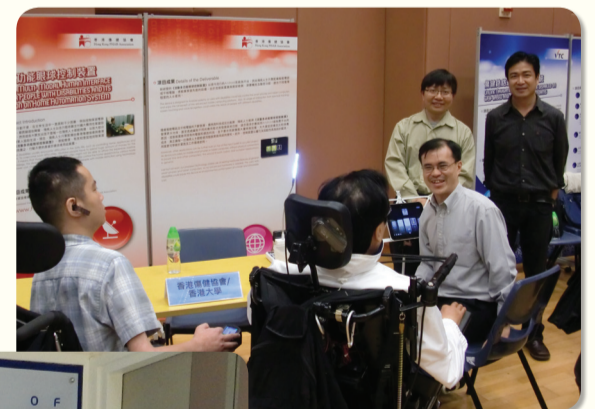
His interest in using technology to help others stems from long friendships with people who are impaired and a keen awareness that for many years, the technology was not advanced enough to develop good products for them. “Technology now is much easier to develop than 10 years ago. There are many tools, many open source projects, the hardware is cheaper and portable – there are many possibilities,” he said.

To deliver that message to young people, Dr Lau and his team gave 10 talks and seminars to more than 900 young participants on the use of technology to help the impaired people.

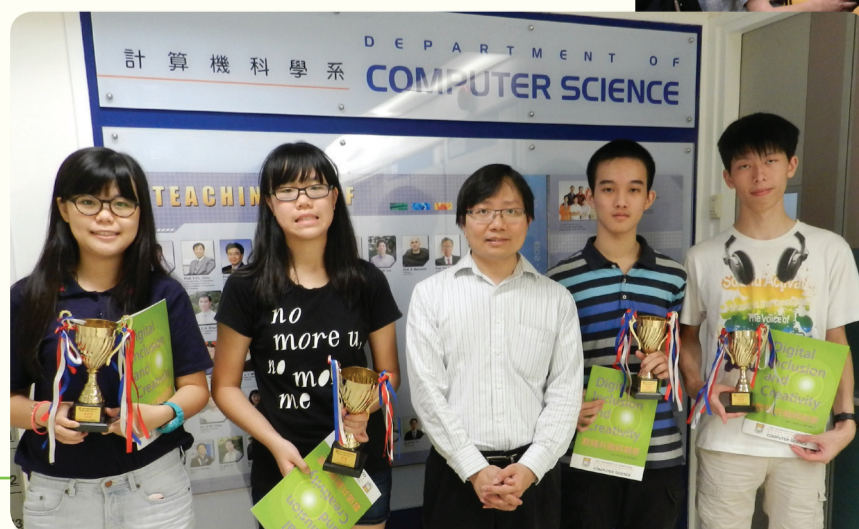
He cited examples from his department’s research, such as a system that “hears” signs for the blind through low energy RF (radio frequency) transmitters, which is being tested at the Arts Centre, a Link shopping mall and a housing estate. Dr Lau has also been involved in the development of an app that reads text for the blind, such as the expiry dates of food and medicines, and another app that helps the physically impaired to use eyes to turn lights and fans on and off.

The secondary school students were encouraged to dream up their own technological solutions for the impaired people through a competition organised alongside the talks.

More than 60 entries were received and the champion idea was a cup for the visually impaired that used a sensor to measure water level and temperature. “The students did not need to create real products because that takes a lot of time, effort and resources; they only need to draw some diagrams and explain the idea. I think this kind of activity can get them interested in making use of technology to enhance lives with creativity,” Dr Lau said. [KE](#)



Dr Vincent Lau (2nd from right, back row) at a workshop for secondary schools



Dr Vincent Lau (middle) and awardees of the competition

Screening Tool for Disaster Volunteers

When the Sichuan earthquake struck in 2008, more than one million volunteers were reported to have flocked to the scene to offer their help. That outpouring of support, however, brought its own logistical problems and burdens, prompting Dr C. Harry Hui, Associate Professor of Psychology, to wonder what could be done about it.

“One of the concerns is that the people coming to a disaster scene may not have the ability to help. I’m a social psychologist and an organisational psychologist and we have expertise in helping organisations select employees for jobs and promotions. I thought, why don’t we shift what we have learned and applied to business organisations to disaster relief work,” he said.

The result was the Disaster Relief Volunteer (DRV) Screener, a questionnaire to assess the psychological suitability of users to the physical and emotional stresses and strains of disaster relief work.

“We selected a few psychological characteristics that we thought were essential for someone to cope – the ability to be resilient in a stressful situation, be flexible and adaptable,” he said.

The assessment model was tested on people who had volunteered in Sichuan to determine its effectiveness in identifying appropriate candidates, while also acknowledging that the nature of their contributions and the timing of their involvement (whether they contributed to early rescue work or later relief work) could have an impact.

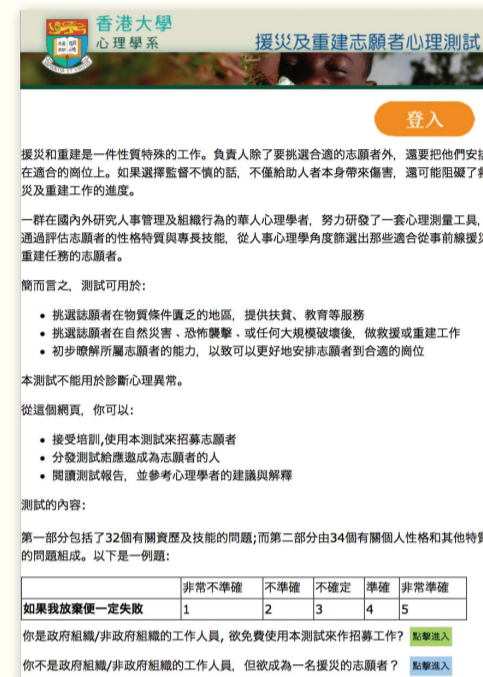
Once the model was shown to work, Dr Hui and his team disseminated it to a wider audience to help NGOs in Mainland China and Hong Kong screen people for this work.

With support from the KE Fund, a webpage for the DRV Screener was set up and promoted through social media sites such as Facebook and Renren. NGOs and government bodies expressed interest in the screener, as did some commercial companies and HKU’s Centre of Development and Resources for Students, which used it to assess students volunteering in underdeveloped countries where they may experience difficult physical conditions.

“The irony here is that we don’t want the DRV Screener to be used that often,” Dr Hui said.

The Screener is in Chinese and targeted at a Chinese-speaking audience, who are presumed to be the catchment for volunteers. However, it also has wider importance because it is the first psychological screening tool of its kind developed for disaster relief work.

The website address is <http://www.psychology.hku.hk/disaster/>.



The Disaster Relief Volunteer (DRV) Screener website

Mentoring Matters

Mentoring has a powerful impact on personal development. It helps build a student’s confidence, inspire them and raise their aspirations. Mentors are the navigators in the maze of life, acting as both a guide and friend to their mentee.

This is why HKU started its mentorship programme in 1997, the first one at a tertiary institution in Hong Kong. It has proven to be hugely successful for both mentees and mentors, and has become an exemplar for other mentoring programmes in Hong Kong.

“Mentoring is a challenging and rewarding experience for both mentors and mentees. The result is a ‘win-win-win’ situation for everyone,” said Monica Wong, Assistant Director (Alumni Affairs) of the Development and Alumni Affairs Office and co-ordinator of the programme.

HKU Mentorship brings together students with people from outside their chosen field of study who listen and advise, and provide guidance to help steer mentees toward their goals.

By bridging academic life and the realities of the work environment, HKU students have the opportunity to take a large step out of their comfort zone and gain a head start in their post-university career.

Mentors, in turn, greatly benefit from the mentorship relationship, receiving the satisfaction of making a difference in someone else’s life, getting a fresh perspective on their own lives, and learning from the next generation.

The value of mentoring cannot be underestimated and that is why HKU Mentorship now spans the globe with outgoing exchange students reaping the extra benefits of a unique cross-cultural perspective from mentors based as far away as San Francisco and London.

No wonder, then, that other organisations wanting to set up their own mentorship programme turn to HKU and seek to emulate its successful programme.

“We’ve been asked many times how we are able to get these executives to give their time as they are all volunteers, and how we keep the programme running. Other institutions, especially from the Mainland, secondary schools and organisations like NGOs and clubs, also wanted to know how we do it,” Ms Wong said.

Keen to share the secrets of its success with other institutions, HKU Mentorship produced and published *HKU Mentorship 300,000 Hours – from social learning to social capital*. The title is based on the number of hours volunteered in the first 12 years of the programme; a figure has since grown to more than 450,000 hours. The book includes an overview of how the programme began, testimonials from mentors and mentees, and a do-it-yourself checklist on setting up a mentorship programme.

“We have also taken our ideas to the community by holding sharing sessions in conjunction with such organisations as the Hong Kong Council for Social Services, Vocational Training Council, Helena May, and tertiary institutions from the Mainland and Hong Kong,” explained Ms Wong.

“When we see how many mentoring relationships continue beyond the time of the programme, we really understand how everyone – the mentees, the mentors and HKU – benefits and grows from this programme,” added Ms Wong.

To find out more about HKU Mentorship, visit: <http://www.mentorship.hku.hk/>



Tasting different cultures - HKU Mentorship allows both mentors and mentees from different backgrounds and nationalities to enjoy each others’ cultures (Monica Wong on the far left)



Visit to Dialogue-in-the-Dark, a social enterprise established in Hong Kong by a mentor, allowed participants to experience the life of a visually-impaired person


HKU at InnoCarnival 2013

The InnoCarnival 2013, organized by the Innovation and Technology Commission (ITC) as a major event of the InnoTech Month 2013, was held from November 2-10, 2013 in the Hong Kong Science Park. The Technology Transfer Office co-ordinated the University's participation in the InnoCarnival 2013.

The three main themes of the InnoCarnival 2013 were Life Science, Green Technology, and Robotic Engineering. HKU showcased the following 6 projects from the Faculties of Engineering, Medicine and Science at this large-scale event:

- Unconventional Batteries? Advanced Rechargeable Flow Batteries for Energy Storage / 先進的可充電式液流儲能系統 (Professor KY Chan, Department of Chemistry)
- E-Guide for Visually Impaired Users / 視障人士「去街易」(Professor David Cheung, Department of Computer Science)
- Advanced Robotics Initiative / 高端機械人科研計劃 (Professor Norman Tien, Faculty of Engineering)
- iClass – A Total Solution for School Education (Dr Wilton Fok, Department of Electrical and Electronic Engineering)
- Stem Cells / 幹細胞 (Dr QZ Lian, Department of Medicine)
- The Magic of Chinese Yam (Dr Stephen Sze, School of Chinese Medicine)

The aforementioned project investigators and their teams used various exhibits, interactive demonstrations, specimens, videos and posters to demonstrate the application of their cutting-edge research and inventions to visitors. In addition, there were 2 computer games (one on living cell structure and the other on protein synthesis) developed by summer interns of Versitech. Visitors from all walks of life could gain hands-on experience of the convenience brought by these projects to everyday life and enjoy the fun. The HKU pavilion attracted a lot of visitors, from potential industry partners to school teachers and students as well as families.

According to the ITC, the InnoCarnival 2013 had a record-breaking number of over 230,000 visitors, indicating the growing interest of the public, particularly the young generation, in innovation and technology. 



Demonstration of new technology to visitors

The HKU pavilion at the InnoCarnival 2013

Impact Workshops by Arts Engaged Research Fellows of the University of Leeds


Impact is a key element of the University's knowledge exchange (KE) strategy. The KE Executive Group considers it important to further develop the impact evaluation mechanism and capabilities to analyse and articulate the broad impacts of the University's excellent research to society. In this regard the experience of overseas institutions that are recognized leaders in KE would provide valuable reference and inputs to us.

The Knowledge Exchange Office is organizing workshops to be conducted by researchers from the University of Leeds who have hands-on experience in preparing impact statements and impact case studies for the UK's Research Excellence Framework (REF) 2014. Since November 2013, three Arts Engaged Research Fellows of the University of Leeds have visited the University and delivered impact workshops as follows:

- Dr James Stark: Workshop (1)
– Impact as an Assessment Element in the UK Research Excellence Framework 2014
- Dr Lorraine Blakemore: Workshop (2)
– Understanding the Emerging Research and Impact Landscape
- Dr Laura King: Workshop (3)
– Models of Impact: Case Studies from the School of History, University of Leeds

During their visits, each Fellow also delivered a KE seminar on their community engagement projects as well as research seminars or public lectures on their research work. The research seminars and public lectures were organized by the hosting departments

in the Faculty of Arts. Details about the impact workshops and KE seminars can be found on the KE website (<http://www.ke.hku.hk/eng/events/seminars>).

Dr Matthew Boswell from Leeds will conduct another impact workshop on April 16, 2014. Researchers from other overseas institutions will be invited to conduct impact workshops in other non-technology-related disciplines or technology-related disciplines in due course. 



Dr Lorraine Blakemore



Dr James Stark



Dr Laura King

HKU Three Minute Thesis (3MT®) Competition 2014

The Three Minute Thesis (3MT®) Competition 2014 of HKU was successfully held on March 11, 2014. This year 33 research postgraduate (RPG) students participated in the competition, and 10 finalists were shortlisted to compete for 3 prizes decided by the adjudicating panel and the People's Choice Award decided by audience ballot. The Online People's Choice Award was awarded to the finalist who received the most 'LIKE' votes on YouTube after the competition.

The 3MT was developed by The University of Queensland, Australia in 2008. It is an academic competition that challenges RPG students to explain their research within 3 minutes to a general audience. 3MT celebrates the discoveries made by RPG students and encourages them to develop the skills to communicate the importance of their research to the broader community.

Professor Paul Y. S. Cheung, Associate Vice-President of HKU, officiated at the final competition. Dr Laura King, Arts Engaged Fellow from the University of Leeds, Mr Man Cheuk Fei, HKU Council Member, and Ms Linda Yeung, Education Editor of the South China Morning Post (SCMP), served on the adjudicating panel as external members. Internal members of the adjudicating panel included Professor John Bacon-Shone, Associate Director of the Knowledge Exchange Office (KEO), who served as the Chairman of the panel, Professor M. L. Chye, Associate Dean of the Graduate School, Dr Angel Lin, Associate Professor of the Faculty of Education, and Professor Ben Young, Associate Dean of the Graduate School. Professor M. H. Sham, Head and Professor of the Department of Biochemistry, helped adjudicate at one of the parallel heats.

"Explaining your research project in three minutes using layman's language is not easy. Before the 3MT, I thought that candidates from technology-based disciplines were less favoured than those from non-technology-related disciplines as our work involves many technical terms as well as concepts that are difficult to understand. At the 3MT, I was impressed by some other candidates using everyday life examples to explain their experimental research. The 3MT has given me the valuable chance to not only enhance my presentation skills, but also understand more about the research work conducted by fellow RPG students in other faculties," says Ming Long Chung, 1st Runner-up and winner of the Online People's Choice Award.

"Being a PhD student in Physics, I always question myself: can I explain my research to a non-specialist in a logical, concise, yet appealing way? The 3MT provided the best opportunity for me to solve my enigma. The most valuable gem of this competition was not how much applause I received. It was the preparation of my presentation in which I learnt the most. I had to condense the core of my research into 180 seconds and present it in simple terms yet elegantly. The 3MT also helped me improve my resilience against stress. Finally, I would like to express the sincerest gratitude to my supervisor, Dr S. J. Xu, who enlightened me on the path of idea dissemination," says Zhuo Deng, 2nd Runner-up.

"The 3MT transformed the heart and mind. It did not only challenge me to think of what to say about my research in three minutes, it also made me go through a journey of self-reflection, where I asked myself these questions: "What have you done in the last four years? Why are you doing what you are doing?" The 3MT gave us all a chance to tell others our stories. The process of preparing for my story was an unforgettable experience, not to mention the three minutes when I was on the stage speaking to a room filled with audiences! I must thank my supervisor, Professor Nirmala Rao, for her encouragement and support at all times. I must also thank my friends for being there throughout the process," says Carrie Lau, Champion of the HKU 3MT 2014 and winner of the People's Choice Award.

Congratulations to all the winners of the 3MT Competition 2014. They are:

Champion (awarded research travel support or book prize of HK\$7,000)

People's Choice Award (awarded research travel support or book prize of HK\$3,000)

NAME Ms Carrie LAU, PhD candidate in the Faculty of Education
PRESENTATION TITLE Home and school influences on the English vocabulary development of Chinese preschoolers in Hong Kong
PRIMARY SUPERVISOR Professor Nirmala RAO

1st Runner-up (awarded research travel support or book prize of HK\$5,000)

Online People's Choice Award (awarded book prize of HK\$800)

NAME Mr Ming Long CHUNG, MPhil candidate in the Faculty of Science
PRESENTATION TITLE Oxygen: Angel or Demon? - Lipid peroxidation and its relevance to pheromone production in marine fish under oxidative stress
PRIMARY SUPERVISOR Dr Jetty Chung Yung LEE

2nd Runner-up (awarded research travel support or book prize of HK\$3,000)

NAME Mr Zhuo DENG, PhD candidate in the Faculty of Science
PRESENTATION TITLE "Who stole my electrons?" - Electron Loss Process in 3rd generation solar cells
PRIMARY SUPERVISOR Dr S. J. XU

"We want our research postgraduate students to not only excel in research, but also recognize that it is their responsibility as researchers to communicate and share their research discoveries with the community," Professor Paul Cheung says.

The 3MT Competition was jointly organized by the Graduate School and KEO. The event production was supported by the Journalism and Media Studies Centre. Videos on the presentations of the awardees and finalists can be viewed at the HKU 3MT website: <http://www.ke.hku.hk/hku3mt/>.



Awardees, finalists and supervisors of the 3MT Competition with Associate Vice-President Professor Paul Cheung and members of the adjudicating panel

(From left, back row) Mr Arthur Wong (finalist), Mr Kenny Yuen (finalist), Mr Sander Paul Zwanenburg (finalist), Mr Zhuojun Liu (finalist), Mr Man Cheuk Fei (HKU Council Member), Professor John Bacon-Shone (Associate Director of KEO), Dr Laura King (Arts Engaged Fellow of the University of Leeds), Professor Paul Cheung (Associate Vice-President), Professor John Carroll (supervisor of the finalist Mr Kenny Yuen), Dr Jetty Chung Yung Lee (supervisor of Mr Ming Long Chung, the 1st Runner-up and winner of the Online People's Choice Award)

(From left, front row) Mr Kelvin Lam (finalist), Mr Zhuo Deng (2nd Runner-up), Ms Yingyi Wang (finalist), Ms Meini Su (finalist), Professor M. L. Chye (Associate Dean of the Graduate School), Dr Angel Lin (Associate Professor of the Faculty of Education), Ms Carrie Lau (Champion and winner of the People's Choice Award), Mr Ming Long Chung (1st Runner-up and winner of the Online People's Choice Award), Ms Linda Yeung (Education Editor of SCMP), Professor Ben Young (Associate Dean of the Graduate School)

Student KE Projects 2013/14

The Student KE Project Grant Scheme was introduced in 2011/12 under the KE Funding Exercise. It aims to promote a student culture of contributing to society through applying their knowledge gained at HKU; to nurture the spirit of innovation among students; and to promote the development of engagement projects between students of the University and external organizations. The Scheme is open to all currently enrolled full-time students of the University, including undergraduate, research postgraduate and taught postgraduate students. Each team must have a minimum number of three students, including the team leader.

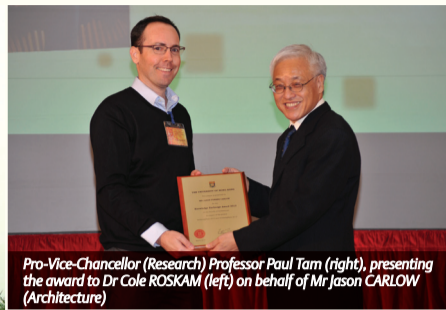
Each project must have a mentor, who may be an academic or academic-related staff member of the University, to supervise the design and implementation of the project. Support and matching contributions, in kind and/or in cash, from a non-academic partner organization outside the University are required. Proposals are considered on a competitive basis, and the award is normally up to HK\$20,000.

The list of Student KE Projects supported this year is as follows:

Student Project Team	Faculty Mentor/ Project Title/ Partner Organization
FACULTY OF ARTS	
Mr Anson Chun Lok LAU, Miss Wing Ki HO, Miss Emily Jo Yee CHAN and Mr Felix Shing Hay YEUNG	Dr Joe LAU/ Introducing Critical Thinking and Basic Logic to Secondary School Students/ Hong Kong Practical Philosophy Society
Miss Lok Yin WONG, Miss Shun Yan WONG, Miss Yuk Ki CHOW, Miss Joe Li WONG, Miss Si Yan CHOY, Miss Lok Lam FONG, Miss Jamie Wing Tung TSE, Miss Wan Chi LEUNG, Mr John Ka Kin LEUNG, Mr Chun Hei TSANG and Mr Chun Kui TAM	Dr Fiona Yuk-wa LAW/ Islam Connects – Publication Project/ Serving Islam Team (Hong Kong)
Mr Zhongting CHEN, Miss Jianqiao HUANG, Miss Tianyin LIU and Mr Chong Yee WONG	Professor Li-hai TAN/ Learning Chinese in the Digital Age/ Hope International Kindergarten and Hong Kong Pre-school
Miss Kathleen Ka Yan HO, Mr Kwan Ki MA and Miss Pui Sze LI	Dr Alexandra COOK/ Take Action! Youth Biodiversity Conservation Leadership Training Scheme/ The Conservancy Association
Mr Miles Owens DUGAN, Ms Shirley Bik Cheung CHAN, Ms Yining LI, Ms Yanhong CHEN and Ms Man Hing LUK	Dr Yeewan KOON/ Transformations: Art Workshops and Art Practices/ Asia Society Hong Kong
FACULTY OF DENTISTRY	
Miss Betty LIANG, Ms Dora CHU and Miss Liying LUO	Dr James K H TSOI/ "Be an Oral Healthy Musician" – Dental Engagements with Chinese Wind Instrument Players/ New Tune Music Association
Miss Teresa Cheuk Yu HO, Miss Raechelle KOH and Mr Chun Pang POON	Professor Colman Patrick MCGRATH/ Development of an 'App' for Oral Self-Care Among Chinese Children/ CCC Kei Faat Primary School (Yau Tong)
Mr Nichol Chun Wai TSANG, Miss Sin Yi CHAN, Miss Chui Yi HO, Mr Ming Kong KWOK, Miss Yan Yee LAI, Mr Ken Jean LEW, Mr Ching Yeung LIU, Mr Lynton Edviano LOO, Miss Pui Ying MAK and Miss Jingya PU	Professor Cynthia Kar Yung YIU/ Disclosing the Truth in Your Mouth/ The Independent Schools Foundation (ISF) Academy
Miss Wai Ling TSE, Miss Sze Tung LI, Miss Yee Lok LAM, Miss Mei Yan LIU, Miss Pui Kwan KWOK, Miss Tsz Yan LI, Mr Kenneth Kai Hay YUNG, Mr Shing Chi CHAN, Miss Oi Tung WONG, Miss Melissa Rachel FOK, Miss Janet Sei Man CHAN and Mr Tak Fai TSE	Dr Yanqi YANG/ Getting to Know More – Oral Health Consultations for Kindergarten Children and Their Parents/ Hong Kong Society for the Protection of Children
Dr Jayakumar JAYARAMAN, Dr Tao PEI and Dr Lingwei LI	Dr Hai Ming WONG/ Giving an Identity to Undocumented Children in Chennai, India/ India Lutheran Development and Relief Agency
Ms Tiffany Chi Lok CHAN, Ms Karen Shun Ka LEE, Ms Christine Shuk Kwan TSE, Ms Mandy SHEK, Ms Echo Ying Yee CHAN, Mr Wilson Shun Wai AU, Ms Judith Lui TAM, Mr Jimmy Man Ho CHAU, Mr Annie Wing Ki LEUNG, Dr Mei Man CHONG, Dr Dion Tik Shun LI, Dr Mei Nee TAN, Dr Fong Siew HAN, Dr Liszen TANG, Dr Bosco Sheung Yu HUI, Dr Ming Yin LEUNG, Dr Kelvin Tai Yin NG and Dr Kailing SIEW	Dr Mike Yiu Yan LEUNG, Professor Lim Kwong CHEUNG, Professor Gary Shun Pan CHEUNG/ Management of Jaw, Face and Dental Trauma: Educational Campaign for School Teachers/ Anglican (Hong Kong) Primary Schools Councils
Miss Shinan ZHANG, Mr Brian Hiu Shing KWOK, Miss Hwee Hsia ONG, Miss Ngai Yu CHEUNG, Miss Kay Shuen CHAN, Miss Jasmine Tak Kar LAW, Mr Ming Ho CHAN, Mr Wing Kei WU, Mr Chi Wai YIU and Mr Ming Chak LEE	Dr Chun Hung CHU/ Oral Health Promotion Among Homeless People in Hong Kong/ St. Barnabas' Society and Home
Miss Stephanie WONG, Miss Carolle Kar Po MOK, Miss Venus Hoi Ching KWOK, Mr Sin Bo CHU, Mr Ming Chun NGAN, Mr Wing Tak LAI, Mr Chun Kit YIP, Mr Chak Fai YU and Miss Chloe Hor Ching LEE	Dr Dominic K L HO/ Oral Health Promotion to the Disabled/ Hong Kong Rehabilitation Power
Mr Chun Pang POON, Miss Teresa Cheuk Yu HO, Mr Ling Man WONG and Mr Ho Yin CHAN	Dr Katherine Chiu Man LEUNG/ "Teeth for Life": Prevention & Replacement of Missing Teeth/ Hong Kong Professional Teachers' Union
Ms Cherrie Cheuk Yiu HUNG, Dr Alvin Yue Hin KUNG, Dr Karen Kar Yan LAI, Mr Chris Ming Ho CHAN, Mr Chris Tat Chuen FOK, Miss Crystal Rui WANG and Mr Andy Kwan Lok TSE	Dr Winnie Wing Shan CHOI/ Updates on First Aid Management of Maxillofacial and Dental Trauma/ Hong Kong St John Ambulance and Auxiliary Medical Services Christian Fellowship
FACULTY OF ENGINEERING	
Mr Chun Yin CHEUNG, Mr Long Kiu SUEN, Mr Wing Tung HO and Miss Hiu Ying LO	Dr Wilton FOK/ Design and Installation of a Multimedia Classroom, E-Learning and E-Library System in a Reconstructed School in Sichuan/ Sichuan International Exchange Center for Science and Technology Cooperation and Ying Xiu Secondary School
FACULTY OF LAW	
Mr Charles Cheuk Yui LEUNG, Mr Patrick Chi Lok LUI and Miss Fiona Hiu Ching LI	Ms Puja KAPAI/ Empowerment for All (MFA)/ Mission for Migrant Workers (MFMW Limited)
Miss Ming Jie SONG, Miss Kyung Min LEE and Miss Erica Sze Wa LI	Professor Michael WILKINSON/ SpeechExpress Project/ Hong Kong Chinese Women's Club College, Clementi Secondary School and New Asia Middle School, etc.
LI KA SHING FACULTY OF MEDICINE	
Miss Tsz Ting CHEN, Miss Carmen Yee Kay CHEUNG and Mr Joseph Chi Lok LO	Dr Camie CHAN/ Allergy Health Exhibition/ The Hong Kong Allergy Association
Miss Man Yan HO, Miss Wan Wai YUEN, Miss Pui Shan WONG, Mr Wing Shan CHUNG, Miss Oi Tin LO, Mr Wan Fung LAM, Mr Long Him TAI, Miss Yu Tong WU, Miss Chun Wai CHOW, Miss Fong Lai CHAN, Mr Sze Ho CHAU, Miss Ka Yin HUI, Miss Ka Yuet NG, Mr Chun Ling LAU, Miss Chau Yi CHOW, Miss Shuk Man CHAN and Mr Chin Wa CHEUNG	Professor Agnes Fung Yee TIWARI/ Health-Oriented Pupils Education Scheme 2013/ HKSCH Lady MacLehose Centre
Mr Gordon Kwok Ho CHU, Miss Jacqueline Cheuk Yan CHUI and Mr Barry Ka Yu CHAN	Dr Henry Chun Kin SZE/ Uganda Medical Service Trip/ Watoto Asia
Mr Geoffrey Chi Chun TANG, Miss Shannon Tsz Shan MA, Miss Cindy Sze Man LAM, Mr Elson Ho Yin LAM and Miss Yee Wing TSANG	Professor Danny CHAN/ Vision of Inspiration and Child Empowerment (VOICE)/ China Candlelight Educational Fund
FACULTY OF SCIENCE	
Miss Sin Yi LAI, Mr Cheuk Pui WONG and Miss Clarins Kar Yin LUI	Dr M Y CHEUNG and Mr Sze-leung CHEUNG/ Capture Science Video Competition 2013-2014/ Ho Koon Nature Education cum Astronomical Centre
Miss Ka Yan WONG, Mr Cheuk Pui WONG and Miss Yuk Sheung YEUNG	Professor W K CHAN and Mr Sze-leung CHEUNG/ Fun Science Workshop for Primary School Students 2013-2014/ Lok Sin Tong Leung Kau Kui Primary School
Mr Cheuk Pui WONG, Miss Charmaine Sze Man CHO and Miss Lu Ling WONG	Professor W K CHAN and Mr Sze-leung CHEUNG/ HKU Science Discovery Day Camp 2013-2014/ Cosmoers
Miss Manni MO, Miss Kai Lai YUEN, Miss Hiu Ming MA, Mr Yu Hong CHENG, Mr Chek Ming HO, Ms Wai Hing LAU, Miss Yuk Ki CHEUNG, Mr Michael Ching Ho CHAN and Mr Ling CHO	Dr Thiyagarajan VENGATESEN/ Science Workshop for Secondary School Students – Exploring a Drop of Seawater/ Carmel Divine Grace Foundation Secondary School
FACULTY OF SOCIAL SCIENCES	
Mr Ricky Van Yip TSO, Miss Wing Yan CHAN, Miss Wing Yee WONG, Mr Ka Shing CHUNG and Mr Saifullah	Dr Janet Hui-wen HSIAO/ Inspiration Network – Mentorship Programme for Matriculation Non-Chinese Speaking Minorities/ Sir Ellis Kadoorie Secondary School (West Kowloon)
Miss Lily Wai Ling LEE, Miss Fiona Hiu Ching LI and Miss Stephanie Long Ting LOK	Mr Jeffrey TIMMERMANS/ Training Next-Generation Journalists/ The Young Generation's Note Journal

To streamline the support for students to engage in community projects, after the 2013/14 exercise, the Student KE Project Grant Scheme has been subsumed under the Service 100 Fund administered by the Centre of Development and Resources for Students (CEDARS).

Celebrating Knowledge Exchange Achievements 2013



The Knowledge Exchange (KE) Awards 2013 were presented at the Award Presentation Ceremony for Excellence in Teaching, Research and Knowledge Exchange 2013, which was held on March 26, 2014 in Loke Yew Hall.

This annual ceremony honours and celebrates the outstanding achievements of our distinguished colleagues in teaching, research, and KE.

Ten Faculty KE Awards for 2013 were presented at the Ceremony. The Faculty Knowledge Exchange (KE) Awards were introduced in 2011 in order to recognize each Faculty's outstanding KE accomplishment that has made demonstrable economic, social or cultural impacts to benefit the community, business/industry, or partner organizations.

Pro-Chancellor, Dr the Honourable Sir David Li Kwok Po, was the Guest of Honour at the Ceremony. A summary of the awardees' achievements is at www.hku.hk/award. Their success stories were featured in Issue 5 of this newsletter: <http://www.ke.hku.hk/eng/newsletter/issue5>.

KE Project Featured in TVB Programme

The University Grants Committee (UGC) recognizes that knowledge transfer (KT)/knowledge exchange (KE) has become an important mission of Hong Kong's higher education institutions. In order to increase public awareness of the good work that has been done by institutions in this area, the UGC commissioned TVB to produce a 30-minute programme in the form of a documentary, and selected a KT/KE project from each of the eight UGC-funded institutions to be featured in this programme.

The HKU KE project featured in the programme is "Support for Students with Reading and Writing Difficulties" (支援讀寫障礙學童), which is led by Professor Connie Suk-han Ho of the Faculty of Social Sciences.

The programme, "知識大轉移", was broadcast on TVB Jade on December 18, 2013. According to the UGC, this programme is positioned to be an introductory episode that provides the public with a layman understanding of KT/KE, and they hope that the public will have a better idea and appreciation of institutions' KT/KE efforts through this documentary.

Details of Professor Ho's project can be found in the KE Newsletter issue 1 (<http://www.ke.hku.hk/eng/newsletter/issue1>).



Professor Connie Suk-han Ho

Finding Experts

The **HKU Scholars Hub** is the University's online expertise directory, which makes HKU researchers and their research visible. It provides an expert finder for businesses, industries, social enterprises, the public sector, and interested student applicants to find HKU experts for contract research, consultancies, and postgraduate student supervision etc. Please visit the HKU Scholars Hub at <http://hub.hku.hk/>.



Tech Ready

For a complete list of HKU technologies that are currently available, please visit: <http://www.tto.hku.hk>.



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