



Knowledge Exchange

The University of Hong Kong

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NEWSLETTER



Let me extend a warm welcome to you all at the start of the 2013-14 academic year. I have much pleasure in sharing with you a few success stories of the colleagues who received the Faculty Knowledge Exchange Awards 2013. You will see that those success stories illustrate how the University's excellent research or teaching and learning could bring impact on society.

This issue is not only about awardees but also about how we nurture awardees. The story on the research postgraduate (RPG) student supervisor and his team in supporting his MPhil student to participate in the Three Minute Thesis Competition is of interest to not only our RPG supervisors but also everyone who cares about research education in the broadest sense.

Professor Paul K H Tam

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

The Teamwork Behind a Successful Soloist

Phoebe Tang Yin-hang was the People's Choice and 1st Runner-Up winner at the Three Minute Thesis (3MT®) competition 2013 at HKU for her impassioned presentation on NASA's efforts in the 1960s to secure popular support for its ambitious space exploration plan, Skylab. But as she will tell you, she was not the only person on stage.

Her presentation was honed after much feedback from members of the Department of History, including her MPhil supervisor and the Chairperson of History, Professor Charles Schencking, the department's Postgraduate Co-ordinator Professor John Carroll, and Research Assistant Professor, Dr Janet Borland. Fellow postgraduate students also watched her practice and provided invaluable comments on the content as well as delivery of her presentation.

Professor Schencking said the department threw their weight behind 3MT because of the value they saw in the exercise.

"At university, we train people to be good researchers, to be good writers, to ask good questions. We don't often train them to synthesise or distil their thesis in a very passionate and persuasive way. So 3MT is a great supplement to their postgraduate training," he said.

"It's also an important skill because people have very short attention spans. I want our postgraduate students to really make an impression when they go for job interviews, and when they tell people outside that they are from HKU and this is what they are doing."

Each of the academics gave Phoebe feedback on her script and also helped in her presentation. Professor Carroll organised the session with other students which not only improved Phoebe's presentation but showed those students the importance of communicating their thesis in a concise way.



(front) Phoebe Tang (right) and Professor Charles Schencking (left) after the prize presentation ceremony of the HKU 3MT 2013

Dr Borland gave her tips on such things as the words to emphasise, gestures and the use of eye contact to help Phoebe connect with the audience.

Phoebe was also encouraged to avoid language that was too academic and to relay the relevance of her research to people today. "Her research resonates with how big organisations today try to get money for their projects and have to be innovative in selling them," Professor Schencking said.

Phoebe said the approach worked as hoped: she emerged with sharper ideas about her thesis. "I'm

thinking of putting some of my script into my thesis now because it's much clearer than before," she said.

Professor Schencking said he would encourage every postgraduate student in the Department of History to participate in 3MT. Having a team behind them, and not just a single supervisor, helps them get the most out of sharing their knowledge with a wider audience. [KE](#)

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New Twists for Public Parks

Two projects involving students and staff of the Faculty of Architecture helped to introduce new ideas on the use of public space in Hong Kong's parks.

The projects, part of the Leisure and Cultural Services Department (LCSD) programme, "ArtAlive@Park", included installations such as metal fences that twist into park benches to transform urban barricades into areas for seating; a reflective wall that gave visitors a view of the skyline or themselves depending on the angle of view; and fabric walls that could be zipped opened and closed so people could play with the idea of forming and breaking down barriers.

A total of eight installations were created for two ArtAlive@Park exhibitions, in 2010 and 2012, each lasting three months. The success of HKU's participation in the first session helped to change the nature of the event, which originally focused more on art installations, according to Jason Carlow, Assistant Professor in the Faculty of Architecture.

"We take as a positive comment the fact that after the 2010 installations, the LCSD decided that instead of having arts students install these projects, they would invite more architecture programs from other universities in Hong Kong to participate," he said.

The first exhibition was held at Tuen Mun Park and focused on transcending borders and barriers in the park. Students designed and built their installations under the supervision of teachers in the faculty, and they worked with local builders, fabricators and park management on their construction.

They also designed pamphlets about the projects and led public tours of the installations, thus further enhancing the knowledge exchange.

The second exhibition was held at a coastal park near Victoria Harbour in East Tsim Sha Tsui and provided students with an opportunity to experiment with the interplay between the Hong Kong skyline, the harbour and the land. That event also brought extensive local media coverage and students were interviewed about their work.

"These projects have been important to demonstrate alternative ideas about public space and architecture to Hong Kong park management and the LCSD.



Fence Off, Tuen Mun Park, 2010

They have also been a very potent mechanism for the exchange of ideas between academia, the professional design community, the public, and the officials who regulate Hong Kong's public spaces," Mr Carlow said.

The projects were also a learning experience for the students, who were guided by Mr Carlow, Professor Wang Weijen and other members of the faculty. Further support was provided from the HKU Community Project Workshop and project manager, Inascio Chan Ping-chi. An HKU alumnus even got into the act, too: recent Masters of Architecture graduate Ricci Wong, who now has his own design and fabrication firm, returned to help out as a consultant and a project manager on site. [\[3\]](#)



Pixel Wall in Tuen Mun Park, 2010

Mr Jason Carlow received the Faculty Knowledge Exchange Award 2013 of the Faculty of Architecture for the 'ArtAlive@Park 2010' and 'ArtAlive@Park 2012'.



ArtAlive@Park 2010 student designers Gordon Chak, Toby Cheung, Jacqui Cheung, Lawson Lai, and supervisor Jason Carlow (2nd from left)

The Language of Genetic Counselling

Two pregnant women in their late 30s are at a higher risk of having a Down's Syndrome baby. The healthcare professional who counsels them is steering them towards taking a test for Down's Syndrome. But the clients have very different priorities.

One client, a nurse, is interested in the medical evidence and agrees with the healthcare professional. But the other, a Filipina domestic worker, has strong cultural and religious beliefs: she would never take the test because she would never terminate the pregnancy, whatever the test result.

How the options and risks are presented to these clients is a concern not just for healthcare professionals and clients but also linguists. Researchers at HKU have found the socio-economic, cultural and linguistic backgrounds of both clients and professionals may affect the ways in which counselling is done and they are working with healthcare professionals to help them understand this.

Dr Olga Zayts, Assistant Professor in the School of English, has been instrumental in bringing together linguists from Hong Kong, the UK and the US and healthcare professionals from the Hospital Authority and Tsan Yuk and Queen Mary Hospitals over the past six years.

She and her team focus on genetic counselling for prenatal (Down's Syndrome), postnatal (G6PD deficiency) and adolescent and adult (Sudden Arrhythmia Death Syndrome) conditions. They have worked with patients' and caregivers' associations to update information resources using language that is relevant to them and covers their concerns.

Dr Zayts has also organised local and international workshops, and the Winter School on Health Communication to raise the awareness of healthcare professionals, educators and researchers of the role of communication in healthcare. Additionally, HKU has launched the MMedSc specialized module of studies in Genetic Counselling to train counsellors to a high level.

Genetic counselling is different from genetic testing – you are not telling clients what to do but facilitating their decision-making. We are teaching linguistic strategies to healthcare professionals and making them more aware of their use of language and the impacts on genetic counselling," she said.

The focus on Asia is particularly important because most previous research on communication in genetic counselling has been done in the UK, the US and Australia.

Dr Brian Chung Hon-yin, Clinical Associate Professor at HKU's Department of Paediatrics and Adolescent Medicine and the lead clinical geneticist on the projects, said the work of Dr Zayts and her team has been influential in the development of professional standards and best practices for genetic counselling in Hong Kong and South-East Asia.

"Understanding how healthcare professionals can better communicate with clients is the key to good healthcare practice, particularly in genetic counselling," he said. [\[3\]](#)



Dr Olga Zayts (4th from right) together with members of her research team, healthcare professionals from the Hospital Authority, and researchers from overseas universities at the international workshop on communication in genetic counselling held at HKU

Dr Olga Zayts received the Faculty Knowledge Exchange Award 2013 of the Faculty of Arts for the 'Language and Communication in Genetic Counselling Settings in Hong Kong and South Asia' project.

Keeping the Blood Flowing

The health and medical needs of an ageing population mean Hong Kong has to store up increasing amounts of fresh blood products. This year alone, the Hong Kong Red Cross Blood Transfusion Service (BTS) needs 3.4 per cent more units of whole blood, plasma and platelets than it collected last year, when demand increased by 4.4 per cent.

Added to that growing demand is the fact that donations from first-time donors have fallen, in part because the revised school curriculum means Form 7 students are now spread out in universities and the workplace, rather than easily targeted in a school. So where can additional donors be found?

To help find an answer, the BTS has been turning to Dr Michael Chau, Associate Professor in the Faculty of Business and Economics, whose research focuses on data mining and analysis.


Dr Chau has applied his know-how to help the BTS target its services to the right people and in the right format, by looking for patterns and trends that would identify where and how the BTS could boost donations.

“We were particularly interested in seeing where people had to travel the furthest to the nearest blood collection centre to make a donation. Our results showed this was in Yuen Long so we recommended they establish a centre there,” he said.

The BTS took up the advice and opened a donation centre in Yuen Long in August 2011.

“The outcome was overwhelming,” Dr Chau said. “The centre attracted more than 400 donations per week and most of these donors came from the district, just as we had predicted in our analysis model.”

“This project has been highly beneficial in helping the BTS fulfil its mission of ensuring a steady supply of blood in Hong Kong, which is vital to public health.”

Dr Chau’s work is also contributing to wider knowledge about the workings of blood donation centres. He has produced several papers on the subject in academic journals and at an international conference, and this year he undertook a funded project for the Hong Kong Hospital Authority to do a multidimensional analysis of blood donation data. Hopefully the results will yield other useful information to keep the blood flowing in Hong Kong’s hospitals and medical centres. 



Dr Michael Chau



Opening Ceremony of the Yuen Long Donor Centre in 2011 officiated by the then Secretary for Food and Health, Dr York Chow (front row, middle)

Dr Michael C L Chau received the Faculty Knowledge Exchange Award 2013 of the Faculty of Business and Economics for the ‘Data Analytics for Blood Donation and Transfusion in Hong Kong’ project.

Protecting Babies’ Teeth

Good oral health starts from infancy, as dentists are well aware. But getting that message to parents and caregivers is both a challenge and a necessity: many children do not visit a dentist until primary school age, when problems may already be entrenched. A project in the Faculty of Dentistry is working to change that situation.

The project, led by Dr Yang Yanqi, is reaching out to three groups: preschool children aged 3-6 and their teachers and parents, infants aged 0-3 and their parents, and antenatal women.

The breadth of coverage was motivated by several research findings in Hong Kong that raised the alarm about young children’s oral health. Half of preschoolers surveyed had cavities (dental caries), and about 80 per cent of young adults surveyed had malocclusion (irregular tooth and jaw development which can be related to such things as sucking on objects during childhood), including 33 per cent who required expensive corrective treatment.

On the positive side, breastfeeding was confirmed to be associated with normal oral development, and parents’ knowledge of good oral habits was found to be related to children’s oral health.

“We want to empower families to prevent and arrest dental problems during early childhood so children can avoid serious problems later on that could be painful, costly to correct and reduce quality of life,” Dr Yang said.


She and her team of staff and students launched three campaigns in 2012-13. In a Student KE Project supported by the HKU KE Fund 2011-12, they reached out to pregnant women through workshops and consultation booths at Tsan Yuk Hospital’s antenatal clinic, providing women with information on children’s and their own oral health.

In a Student KE Project supported by the HKU KE Fund 2012-13, families with infants aged 0-3 were targeted through a baby expo, where the faculty gave a talk and provided information and individual consultations to visitors. A similar exercise was held for World Oral Health Day (March 20) at the Prince Philip Dental Hospital, and the faculty plans to make it an annual event.

Finally, in an outreach service programme supported by the Health Care and Promotion Fund of the HKSAR Government’s Food and Health Bureau, about a thousand 3-6 year olds were given oral examinations and education about oral health, in a joint project with the Hong Kong Society for the Protection of Children.

The materials developed for the three campaigns are available on the faculty’s website and Facebook page.

The campaigns have got the ball rolling on improving

young children’s oral health but they are not the only beneficiaries. “Parents can also benefit from being more aware of their own oral health,” Dr Yang said. 

Dr Yang Yanqi and her team received the Faculty Knowledge Exchange Award 2013 of the Faculty of Dentistry for ‘Improving Children’s Oral Health and Development by Terminating Poor Oral Habits and Promoting Healthy Ones’. The list of team members can be found on the KE website (http://www.ke.hku.hk/highlights/2013/ke_awards2013).



Dr Yang Yanqi (back row, 2nd from left) in discussion with parents of preschoolers



Baby Expo consultation desk

Detecting Crime in Cyberspace

Criminal activities on the Internet are on the increase, presenting new challenges to law enforcement agencies. Not only must they find the people responsible, they also have to keep up in the technological game in order to have any hope of uncovering cybercrimes in the first place.



Dr K P Chow, Associate Director, CISC

Law enforcement agencies in Hong Kong have therefore turned to HKU's Department of Computer Science for help. Over the past six years the department's experts have devised tools to improve detection work and strengthen enforcement efforts.

"The number of cybercrime incidents has increased significantly, such as online piracy, child pornography and auction fraud," Dr K P Chow, Associate Director of the Faculty of Engineering's Centre for Information Security and Cryptography (CISC), said.

"Technologies adopted by cybercriminals have also increased in their sophistication, evolving from traditional computer hacking to the sharing of confidential information using peer-to-peer networks, and the sharing of copyrighted videos and music using cloud based storage cyberlockers.


"CISC has been actively conducting research in this field since 2005 and we have developed systems for monitoring and analysing cybercrime."

For example, they have developed Lineament I, which detects suspected infringement of intellectual property rights over the Internet using BitTorrent; Lineament II, which uses cybercriminal profiling and artificial intelligence to detect potential auction fraud; and Lineament III, which analyses suspected criminal items in the cyberlocker.

Other programmes help to monitor the accidental leakage of confidential data and to collect useful statistical information from discussion forums, social media and peer-to-peer networks that can facilitate law enforcement activities, such as intelligence gathering, investigations and reporting.

The centre's research has also helped to shed light on important issues. One research paper has been used multiple times in Hong Kong courts to clarify digital evidence on child pornography cases. Recent research has looked more deeply into cybercrime investigation and forensics and how these can be enhanced. A new project supported by the Innovation and Technology Fund (ITF) will attempt to understand the behaviour and characteristics of cybercriminals.

In addition to projects that can help law enforcement agencies, the CISC also puts considerable effort into engaging the community on issues related to cybercrime. They have held numerous workshops, exhibitions and talks, and their work has received widespread coverage in the media.

Dr Chow added: "We are well aware of the importance of data privacy during investigations and we believe there should be a balance between investigating suspected criminal activities and data privacy protection." 

Dr K P Chow received the Faculty Knowledge Exchange Award 2013 of the Faculty of Engineering for the 'Fighting High-Tech Crime in Cyberspace' project.

A Portal on Human Rights

Human rights advocates, policy makers and researchers produce a great quantity of material on the subject – so much so that it can be a mighty task to stay on top of developments. A new website is helping to make the job easier by providing a one-stop source of information on human rights, with a particular focus on Asia.

The Human Rights Portal (<http://www.law.hku.hk/hrportal/>) is targeted at government officials and policy-making institutes, non-government organisations, and interested members of the general public.

"To the best of our knowledge, there is no such comprehensive database of materials housed in Asia in the manner that we are doing," said Professor Simon Young, who set up the website when he was Director of the Faculty of Law's Centre for Comparative and Public Law (CCPL).

"The Centre is uniquely positioned to fill this gap due to its global and regional connections, both politically and legally, and its past cooperation with international and regional human rights bodies."

The website available in both English and Chinese (traditional and simplified characters) includes materials from local and international NGOs, government bodies, academic scholars from around the world, and from the CCPL, that are organised into nine areas: Asia, Hong Kong, women, equality, migration, disability, diversity, criminal justice, and expression and religion. It also highlights human rights expertise in the HKU Faculty of Law.

There are nearly 200 web pages of human rights information, more than 70 video clips, numerous


reports and academic publications, interviews and case stories, links to media coverage of human rights, and the Hong Kong Human Rights Action Plan, which is an initiative by CCPL to promote discussion of human rights in Hong Kong.

The launch of the website in October 2012 generated international interest and was covered by the *New York Times*. Press statements were also uploaded from the CCPL on the case of Edward Snowden, who leaked information of mass surveillance programmes by the US and British governments and hid from US authorities in Hong Kong before flying to Russia.

"We learned from the Snowden case that short and clear advisory notes on important questions can have

a powerful impact in the media," Professor Young said.

"We are now going to prepare some human rights information notes on questions that ordinary people might ask in Hong Kong or China. For example, what if I am charged with a criminal offence in mainland China – what should I expect and be aware of?"

The Centre will also update the Human Rights Action Plan in light of new reviews by UN bodies of Hong Kong's human rights situation. 

Professor Simon N M Young received the Faculty Knowledge Exchange Award 2013 of the Faculty of Law for the 'Human Rights Portal'.



Professor Simon Young (middle) and members of the CCPL team

On-Line Service Helps Doctors Treat Tough Cases

The treatment of blood cancers and diseases is notoriously difficult because the conditions are often life-threatening, they require urgent treatment, and the medicines used can be toxic and complicated to administer. Even specialists find it difficult to manage patients well.

That situation inspired the Haematology team in the Department of Medicine to draw together the latest expert advice and practices and make them more accessible to doctors so they have a fuller range of information when treating their patients.

The Multi-media Haematology Protocol, which is available as an iPad/iPhone application, through a dedicated website (<http://www.hpshk.com>) and in book format, offers both the first unified protocol in this field in Hong Kong and a new model of medical practice for Hong Kong.

“This is the first time that online technology has been harnessed in the dissemination of medical management and treatment standards. Now, doctors, nurses and patients all have a common reference for blood disease management,” said Professor Kwong Yok-lam, Chui Fook-Chuen Professor in Molecular Medicine and Chair Professor of Medicine, who designed the protocol and led the project.



Professor Kwong Yok-lam (front row, second from left) and the Haematology Team of the Department of Medicine introduced the first unified Haematology Protocol in HK

Doctors can get the most up to date information on investigation strategies and treatments and they can quickly reference drug dosage, drug administration and side effects. They can also get an idea of what is working or not in other hospitals in Hong Kong and adjust their approach.

The handbook and applications are available free to all practicing haematologists, oncologists, nurses and other interested doctors in Hong Kong, who have given positive feedback on the materials to Professor Kwong and his team.

They also publish a quarterly newsletter which is sent to haematologists and oncologists in Hong Kong and to international collaborators, who similarly have offered positive comments on their work.

A Chinese translation of the protocol is planned so the information can be used by haematologists in Mainland China and elsewhere. Professor Kwong said they also hoped to secure funding so the online platform could be developed further to facilitate doctor-patient interactions and knowledge exchange between medical practitioners.

The Head of the Department of Medicine, Professor Karen Lam Siu-ling, who nominated the Haematology team's project for the Faculty KE award, said the combination of a unified protocol, transfer of knowledge and use of modern IT applications was an inspiring way to apply medicine. “Their innovative approach certainly serves as an excellent success model for all of us engaged in health care and education,” she said.

Professor Kwong Yok-lam and the Division of Haematology of the Department of Medicine received the Faculty Knowledge Exchange Award 2013 of the Li Ka Shing Faculty of Medicine for the 'Multi-media Haematology Protocol: Haematology Protocol Book, iPad / iPhone App, Internet website'.

Lifting the Veil on the Starry Sky

Hong Kong is one of the most light-polluted cities on Earth, a situation that not only blocks out the night but also represents a huge waste of energy. An astronomer at HKU has, fittingly, been at the forefront in calling attention to this problem.

Dr Jason Pun, Principal Lecturer in the Department of Physics, began studying the brightness of Hong Kong's night skies in 2003 over concern about declining conditions and public indifference to the situation.

“When we first raised the idea of ‘light pollution’, the general sentiment of society was that Hong Kong was supposed to be bright and that this wasn't a problem,” he said.

“But light pollution is a form of environmental degradation. Excessive artificial outdoor lightings, such as street lamps, neon signs and illuminated signboards, affect the natural environment and the ecosystem. Poorly designed outdoor lighting not only wastes energy, money and valuable resources, it also robs us of our beautiful night sky.”

To set the matter right, Dr Pun and his team, including project manager So Chu-wing, began gathering information and getting it out to people to raise awareness.

Their efforts resulted in two funded projects to survey the night sky and provide hard data on the problem.

The first project, completed in 2009, involved taking about 2,000 individual readings at nearly 200 locations, with participation from such groups as local secondary schools. The results confirmed that the night sky was excessively bright.

The second project, completed in 2012, used automatic night sky measuring stations to provide long-term readings at 18 urban and rural locations. The researchers found the urban skies to be 33 times brighter than rural skies on average, supporting the contention that Hong Kong had one of the brightest night-time skies in the world.

The results received extensive media coverage and a website has been set up to continue providing the public with real-time readings from the measuring stations. Dr Pun also met with professional bodies and government officials to discuss the findings and possible mitigation measures.

Dr Pun said he and his team will continue to monitor night-time brightness so they can reveal long-term trends. They will also continue to beat the drum to raise awareness – an approach that is getting results. “I think the public is having second thoughts about some of those carved-in-stone ideas about Hong Kong's night sky,” he said.

Principal Investigator Dr Jason Pun (right) and project manager So Chu-wing (left) of the Hong Kong Night Sky Monitoring project



Outreach event organized in the evening of Earth Hour 2013 at the Avenue of Stars, Tsim Sha Tsui for the public to understand the extent of light pollution in Hong Kong

Dr Jason C S Pun received the Faculty Knowledge Exchange Award 2013 of the Faculty of Science for the 'Dimming the "Bright Pearl" - Informing the Public on Light Pollution' project.

HKU Three Minute Thesis (3MT®) Competition 2013

The Three Minute Thesis (3MT®) Competition 2013 of HKU was successfully held on June 11, 2013. This year 40 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. 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, Dr Danny Chan, Associate Professor of the Department of Biochemistry, Professor Ying Chan, Director of Journalism and Media Studies Centre (JMSC), Professor Nirmala Rao, Associate Dean of the Graduate School, and Professor Ben Young, Assistant Dean of the Graduate School. Professor Becky Loo, Assistant Dean of the Graduate School, helped adjudicate at one of the parallel heats.

"3MT was really a challenging competition for me, and I bet for other participants as well. The challenge was not coming from giving a presentation to strangers - in which for a final year postgraduate he/she should have given presentations at local or international conferences before. The challenge was from how to consolidate your research findings in only 180 seconds, and communicate to your audience effectively. I always believe that communication is a key component of research, and this is what makes your findings and results meaningful. I must thank my friends and colleagues for practising with me and supporting me throughout the preparation and competition. I should give my special thanks to Dr Terence Ng, the champion of last year's 3MT, who gave me a lot of ideas on improving my presentation. And I also thank my supervisor, Dr Kenneth Leung, for giving me guidance and support throughout my study," says King Yan Ho, 2nd Runner-up.

"Bringing our research to the public is just as important as the science itself. On the path of our PhD study, we are always encouraged to strengthen our communication and presentation skill. However, our target audience is mainly our fellow researchers in the same field, which could sometimes be merely a small community. The 3MT competition is a brilliant idea, as it reminded us that the ultimate goal of research is, indeed, to contribute new knowledge to society. The attention of the audience is short-lived nowadays in this fast-paced world - we normally do not get more than a few minutes before they start pulling out their phones. I have learned in this competition that to successfully maintain their attention, creativity is needed to translate our "alien" language and simplify the complex plot in an engaging way. I would like to express my greatest gratitude to my supervisors, Dr C J Seneviratne and Prof. L P Samaranayake, for their guidance and support," says Sarah Wong, winner of the Online People's Choice Award.

"The 3MT event not only challenges me to articulate my study succinctly and transmit its significance effectively to the general community, it more importantly also provides a valuable opportunity to improve my public speaking skill, which I believe can only be developed through actualization. Even if you have numerous presentation experiences in various (international) academic conferences throughout the course of your postgraduate study, even if you have tons of teaching experience, and even if you have always been so composed and confident when presenting your thesis to your academic fellows and supervisors, believe it or not, 3MT is an entirely different experience. I treasure such experience tremendously. I sincerely encourage everyone to participate in the 3MT competition. It's fun! You will benefit from it more than you would have imagined," says Cassini Chu, Champion of the HKU 3MT 2013.

"Although I have explained my thesis to friends who are not interested in space or history before, I did not talk in the simplest language until I started writing my 3MT script. The competition was a great opportunity for me to learn to distill my thesis into a concise script of three minutes, using clear and effective vocabularies. The competition was an extremely fun, rewarding and enjoyable experience. A number of people made it possible. My deepest gratitude goes to Dr Janet Borland, Prof. John Carroll, and most importantly, my primary supervisor Prof. Charles Schencking for their time, guidance, support and encouragement. I would also like to thank my teachers and friends from the Department of History for their advice and support. The comments they offered greatly enhanced the strength and colour of my script and presentation," says Phoebe Tang, 1st Runner-up and winner of the People's Choice Award.

Congratulations to all the winners of the 3MT Competition 2013. They are:

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

NAME Ms Sai Kwan Cassini CHU, PhD candidate in the Faculty of Social Sciences
PRESENTATION TITLE Compensated Dating
PRIMARY SUPERVISOR Professor Karen Joe Laidler

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

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

NAME Ms Yin Hang Phoebe TANG, MPhil candidate in the Faculty of Arts
PRESENTATION TITLE Selling Skylab: Dreams and Challenges
PRIMARY SUPERVISOR Professor Charles Schencking

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

NAME Mr King Yan HO, PhD candidate in the Faculty of Science
PRESENTATION TITLE Ecological and Human Health Risks Associated with Organotin Contamination in the Marine Environment of Hong Kong
PRIMARY SUPERVISOR Dr Kenneth M Y Leung

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

NAME Ms Sarah Sze Wah WONG, PhD candidate in the Faculty of Dentistry
PRESENTATION TITLE Discovery of a "Magic Bullet" for a Deadly Fungus
PRIMARY SUPERVISOR Professor L P Samaranayake

Cassini will represent HKU at the Trans-Tasman 3MT Competition hosted by The University of Western Sydney (UWS) in Parramatta, Sydney on October 18, 2013.

"Through participation in the 3MT, I hope that our young researchers are equipped for the challenge to promulgate their research discoveries concisely and precisely, and make a real impact on the world," Professor Paul Cheung says.

The 3MT Competition was jointly organized by the Graduate School and KEO. The support of JMSC in event production is deeply appreciated. Videos on the presentations of the awardees and finalists can be viewed at the HKU 3MT website: www.ke.hku.hk/hku3mt.




Awardees and finalists of the 3MT Competition with the officiating guest, members of the adjudicating panel and supervisors of the awardees and finalists.

(From left, back row) Professor Charles Schencking (supervisor of the 1st runner-up Ms Phoebe Yin Hang Tang), Professor Ben Young (Assistant Dean of the Graduate School), Professor Paul Cheung (Associate Vice-President), Professor Nirmala Rao (Associate Dean of the Graduate School), Mr Man Cheuk Fei (HKU Council Member), Dr Danny Chan (Associate Professor of the Department of Biochemistry), Professor John Bacon-Shone (Associate Director of KEO), Dr Jan van Aalst (supervisor of the finalist Ms Ella Lai Fan Fu)

(From left, front row) Ms Kwan Lam Wong (finalist), Ms Sarah Sze Wah Wong (finalist), Professor Ying Chan (Director of JMSC), Ms Yuner Huang (finalist), Ms Cassini Sai Kwan Chu (Champion), Ms Phoebe Yin Hang Tang (1st Runner-up and the recipient of the People's Choice Award), Mr King Yan Ho (2nd Runner-up), Ms Linda Yeung (Education Editor of SCMP), Mr Ian Tsz Yat Chong (finalist), Ms Charmaine Kai Wing Fung (finalist), Ms Ella Lai Fan Fu (finalist), Mr Oscar Wai Ho Yeung (finalist)

An Exemplary Demonstration of School-University Partnerships

Dr Tammy Y L Kwan received the Faculty Knowledge Exchange Award 2013 of the Faculty of Education for her work in 'Achieving "Good Teaching Practice" by Student-Teachers, with Collaborative Support from Mentor-Teachers and University-Tutors: An Exemplary Demonstration of School-University Partnerships'. Please find her story in Issue 2 of the KE Newsletter on the KE website (http://www.ke.hku.hk/newsletter/issue2/a_mutual_learning_opportunity). 



Dr Tammy Kwan (3rd from left) and colleagues of the Partnership Office

Knowledge Exchange (KE) Funding Exercise 2013/14

The University Grants Committee (UGC) has confirmed that the annual special allocation for KE to UGC-funded institutions will continue for the 2012-15 triennium to enable them to build up their capacity and broaden their endeavour in KE.

With input from the faculty representatives on the KE Working Group, the KE Executive Group awards most of the UGC's annual special allocation through the KE Funding Exercise for Faculty Capacity Building, Impact Projects and Student KE Projects. Allocations for Faculty Capacity Building and Impact Projects for 2013/14

have been made. Proposals for the Student KE Project Grant Scheme 2013/14 are being considered and the exercise will soon be completed.

The KE funding for Impact Projects aims to support projects that have the potential to create impact on society. Proposed projects may be technology-based or non-technology-related. Proposals are considered on a competitive basis. The Impact Projects supported in 2013/14 are listed below. For more details, please visit the KE website (<http://www.ke.hku.hk/>).

Architecture

Ms Tris KEE	Community Exhibition on Sustainable Design Practices
Ms Tris KEE	Enhancing an Understanding of Urban Edge – An Architectural Engagement
Ms Tris KEE	Exploring Architecture Workshops with HK Secondary Schools
Ms Vincci MAK	Hong Kong Jockey Club "Heritage x Arts x Design" Walk Project 2013 – Planning with a Landscape Perspective: Design Exhibition About Alternative Planning Strategies to the "HKSAR North East New Territories New Development Scheme"

Arts

Dr Lisa LIM	LinguisticMinorities.HK: Connecting with the Communities
Dr Olga ZAYTS	Language in Healthcare (LiH)
Dr Opher MANSOUR	The Transit of Venus
Professor John CARROLL	Second Century Lecture Series
Professor J Charles SCHENCKING	Catastrophe and Rebirth: A Visual and Interactive History of the 1923 Tokyo Earthquake

Dentistry

Dr CH CHU	Empowering Kindergarten Teachers and Parents to Deliver Oral Health Education to Young Children
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Education

Professor Mark BRAY	Regulating the Shadow Education System: Private Tutoring and Government Policies in Asia
Dr Wai Lam HO	Community Rehabilitation for Stroke Patients with Communication Disorders
Dr Tammy KWAN	Creation of a Teacher Professional Development Platform to Address Learner Diversity in Classroom and to Understand Good Practice of Teaching
Dr Ming Fai PANG	New Perspective in Parent Education
Dr Allan H K YUEN	The Apps for Parents and Teachers: Nurturing the Digital Natives

Engineering

Dr Vincent LAU	3D Modeling and 3D Printing Workshop
Dr Chi Lap YIP	Birds of Hong Kong in Your Hands
Dr Wilton FOK	Knowledge Exchange on ICT for Education – e-Assessment for Learning

Law/ Education

Professor Anne Shann-Yue CHEUNG & Dr Dennis Chun-Lok FUNG	Y Law for Secondary School Liberal Studies Curriculum: Decoding Crimes to Prevent Crimes
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Knowledge Exchange (KE) Funding Exercise 2013/14 (Cont'd)

Medicine

Dr Lei LI	Chinese Medicine Culture in a Nutshell
Dr Julie Yun CHEN	The Art of Empathy
Mr Wai Keung CHEUNG	Community Health Care Training by Simulation
Miss Sze CHOW	Knowledge Exchange Project at AKA (Aberdeen Kai-Fong Association)
Dr Angela Yee Man LEUNG	Diabetes Risk Score Smartphone Application (DRS App): Its Application in Diabetes Prevention and Health Education
Dr Ching-Lung CHEUNG	Genomic Medicine: What is It About?
Dr Francois Sophana KIEN	"From the Plague to New Emerging Infectious Diseases" Exhibition
Dr Irene Oi Ling WONG	Promoting Informed Decision Making for Early Breast Cancer Detection Practices Among HK Chinese Women: Development of a Web-based Decision-Aid
Professor Ronald LI	Stem Cell Knowledge Exchange Program: From the Scientific Cutting Edge to Experience
Dr Roberta PANG	Knowledge Exchange from the Frontiers of Cancer Research: Integrating Cancer Science into Community Awareness

Science

Dr William M Y CHEUNG & Dr Aleksandra DJURISIC	Science for Everyone – HKU Sci-Tube Channel Project
Mr Sze-leung CHEUNG	Public Engagement in the Comet of the Century
Dr Benny C H NG	Science x Art II – Learning Science via Interactive Visual Art
Dr Yiliang LI	Astrobiology: An Integrative Approach on "Origin & Evolution of Life in the Universe"
Dr J C S PUN	Light Pollution Awareness Community Engagement Project

Social Sciences

Professor Cecilia CHENG	The "APPTT" Project: A New Dual-Process Scheme for Mitigating Job Stress Among Working Adults
Dr Chia-huei TSENG	HKU Young Brain Scientist Program
Dr Travis KONG	The Unforgettable and Unspoken: Oral Histories of Older Gay Men Living in Hong Kong
Professor Paul S F YIP	Knowledge Exchange of Problem-Solving Program

Communications and Public Affairs Office

Ms Katherine MA	Measurement of Positive Media Impact Related to HKU Knowledge Exchange
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Institute of Human Performance

Dr Michael TSE	Exercise Demonstration Video for People with Down Syndrome
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Journalism and Media Studies Centre

Dr King-wa FU	Dissemination of Chinese Social Media Data Analysis for the Understanding of Public Opinion in China
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University Libraries

Mr David PALMER	ORCID Membership
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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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