

UNIVERSITY POSTGRADUATE FELLOWSHIPS SCHEME (2018-19)

- **HKU Foundation Postgraduate Fellowships**
- **Jessie Ho Memorial Postgraduate Fellowships**
- **Lee Shau Kee Postgraduate Fellowships**
- **Philip K H Wong Foundation Postgraduate Fellowships**

University Postgraduate Fellowships are awarded to competitively selected new full-time PhD students who have excellent academic records. To raise the University's research profile and increase its ranking among the top universities in the world, it is important for the University to expand the size of its research postgraduate population. This Postgraduate Fellowships scheme was first introduced in 2007 and serves the purpose of attracting high-calibre applicants from around the world for admission to our various PhD programmes. To date, 489 outstanding students have been awarded the fellowships.

The University Postgraduate Fellowships Scheme is generously supported by **The University of Hong Kong Foundation for Educational Development and Research** ("HKU Foundation"), the **Jessie & George Ho Charitable Foundation**, **Dr Lee Shau Kee**, and the **Philip K H Wong Foundation**. The list of fellowship recipients are as follows:

HKU Foundation Postgraduate Fellowships

Faculty of Architecture

Miss WANG Ting (*Department of Architecture*)

Research Field: Environmental and Resource Management, Landscape Architecture and Planning

Faculty of Arts

Ms RUNGE, Nicky (*School of English*)

Research Field: English Studies

Mr LI Ming Yeung (*School of Humanities (History)*)

Research Field: Hong Kong History

Miss CHEN Sixing (*School of Modern Languages and Cultures (China Studies)*)

Research Field: Chinese Christian Literature

Faculty of Business and Economics

Miss GU Jingyang

Research Field: Management and Strategy

Faculty of Dentistry

Miss FAN Yanpin

Research Field: Dental Public Health

Faculty of Education

Miss LAI Xiaoyan

Research Field: E-learning, MOOC, Learning Analytics

Mr ZHANG Junjie

Research Field: Learning and Instruction, Learning Sciences, Knowledge Building

Faculty of Engineering

Mr CHEN Lijie (*Department of Civil Engineering*)

Research Field: Structural Engineering

Mr SUN Tonghai (*Department of Civil Engineering*)

Research Field: Geotechnical Engineering

Mr LUO Ziyue (*Department of Computer Science*)

Research Field: Systems and Networking

Ms OU Wanjing (*Department of Mechanical Engineering*)

Research Field: Tissue Engineering

Mr XIAO Jiaren (*Department of Mechanical Engineering*)

Research Field: Control Engineering

Li Ka Shing Faculty of Medicine

Ms LIU Xiaodi (*Department of Medicine*)

Research Field: Dementia

Miss MA Jie (*Department of Medicine*)

Research Field: Immunology

Miss CHEUNG Tan (*School of Nursing*)

Research Field: Psycho-oncology

Miss HO Long Kwan (*School of Nursing*)

Research Field: Psycho-oncology

Miss TAO Jun (*School of Public Health*)

Research Field: Epidemiology and Biostatistics

Faculty of Science

Miss CHEN Yanwen (*School of Biological Sciences*)

Research Field: Ecology, Botany, Systematics, Phylogenetics and Reproductive Biology

Faculty of Social Sciences

Ms SU Yining (*Department of Geography*)

Research Field: Urban Ecology

Miss TAM Yuen Yan (*Department of Psychology*)

Research Field: Psychology

Miss FUNG Hiu Ying (*Department of Social Work and Social Administration*)

Research Field: Mental Health, Family Expressed Emotions, Stigma, First Episode Psychosis

Jessie Ho Memorial Postgraduate Fellowships

Faculty of Arts

Ms LI Xiaowei (*School of English*)

Research Field: Language and Health Communication

Faculty of Business and Economics

Miss ZHENG Wanyi

Research Field: Marketing

Faculty of Education

Miss JIA Chengyuan

Research Field: The Relationship between Interactivity and Learner Autonomy in Blended Learning Afforded by Virtual Learning Community

Mr ZHONG Yiyang

Research Field: Educational Policy, System and Development in China

Faculty of Engineering

Mr HU Hanpeng (*Department of Computer Science*)

Research Field: System and Networking

Mr HUANG Wenhui (*Department of Electrical and Electronic Engineering*)

Research Field: Computer Systems and Networking

Li Ka Shing Faculty of Medicine

Dr LI Bofei (*Department of Surgery*)

Research Field: Esophageal and Upper Gastrointestinal Surgery

Mr HE Yi (*School of Biomedical Sciences*)

Research Field: Aging

Mr YU Jucheng (*School of Public Health*)

Research Field: Exercise and Health

Faculty of Science

Mr ZHU Jiang (*Department of Chemistry*)

Research Field: Inorganic Chemistry

Mr WU Di (*School of Biological Sciences*)

Research Field: Cellular and Molecular Biology

Faculty of Social Sciences

Mr BERNARDI JUNQUEIRA, Luis Fernando

(*Hong Kong Institute for the Humanities and Social Sciences*)

Research Field: History of Science and Technology in China

Lee Shau Kee Postgraduate Fellowships

Faculty of Architecture

Miss GUO Hui (*Department of Real Estate and Construction*)

Research Field: Construction Waste Management, Smart Construction

Miss ZHANG Anqi (*Department of Urban Planning and Design*)

Research Field: Urban Planning and Geographical Modelling

Faculty of Business and Economics

Ms WU Yue

Research Field: Economics

Faculty of Engineering

Miss ZHENG Qi (*Department of Civil Engineering*)

Research Field: Water and Environmental Engineering

Mr REHMAN, Baber (*Department of Computer Science*)

Research Field: Programming Languages

Mr GONG Xin (*Department of Mechanical Engineering*)

Research Field: Control Engineering

Li Ka Shing Faculty of Medicine

Miss CHEU Wing Sum (*Department of Pathology*)

Research Field: Tumor microenvironment

Mr GUO Jilong (*School of Biomedical Sciences*)

Research Field: Stem Cell

Mr LAM William (*School of Biomedical Sciences*)

Research Field: Skeletal Biology and Diseases

Miss LI Junshi (*School of Biomedical Sciences*)

Research Field: DNA Damage Response

Faculty of Science

Mr CHENG Xiang (*Department of Chemistry*)

Research Field: Materials Science

Faculty of Social Sciences

Miss MEN Yu (*Department of Social Work and Social Administration*)

Research Field: Health and Mental Health

Philip K H Wong Foundation Postgraduate Fellowships

Faculty of Architecture

Mr CHU Xiaoling (*Department of Real Estate and Construction*)

Research Field: Real Estate and Construction

Li Ka Shing Faculty of Medicine

Miss SHI Jian (*School of Public Health*)

Research Field: Epidemiology

Faculty of Science

Miss LYU Dengping (*Department of Chemistry*)

Research Field: Materials Chemistry

Faculty of Social Sciences

Miss KWOK Ching Yan (*Department of Psychology*)

Research Field: Educational Psychology

AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Award for Outstanding Research Postgraduate Student was established by the Graduate School in 2002 to give due recognition to research postgraduate students who have submitted a thesis of exceptional quality and demonstrated outstanding performance in other academic aspects. Each year, not more than 10 students will receive this award among hundreds of students who have submitted their thesis during the specific academic year.

Dr CHEUNG Ka Shing (*PhD, Department of Real Estate and Construction*)

Dr GHOSH, Shrestha (*PhD, School of Biomedical Sciences*)

Dr KHAN, Arshad (*PhD, Department of Mechanical Engineering*)

Dr LIU Qian (*PhD, Department of Earth Sciences*)

Dr LUO Na (*PhD, Centre for Applied English Studies*)

Miss PENG Qiaoyang (*MPhil, Department of Sociology*)

Dr SHAO Xiang (*PhD, Faculty of Business and Economics*)

Dr WONG Yun Sum (*PhD, Department of Pharmacology and Pharmacy*)

Dr YEUNG Wai Kan Andy (*PhD, Faculty of Dentistry*)

Miss YU Kexin (*MPhil, Department of Statistics and Actuarial Science*)

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Dr CHEUNG Ka Shing (PhD)

Department of Real Estate and Construction

Thesis Title:

The Lock-in Effects of Subsidized Homeownership in Hong Kong

Supervisors:

Professor K.W. Chau, Department of Real Estate and Construction

Dr S.K. Wong, Department of Real Estate and Construction

Dr Cheung's research topic, subsidized home ownership, is a crucial area of interest for many policymakers. His interdisciplinary doctoral research unites two strands of real estate and urban economics, i.e., the access to subsidized homeownership for building wealth among historically disadvantaged groups and residential mobility among low-income families.

Dr Cheung provides a thought-provoking and focused angle with particular reference to the "lock-in" effects of Hong Kong's subsidized housing programme. This is imperative and timely as the SAR government has always emphasized the role of subsidized housing as a significant housing ladder rung, but the circulation of subsidized housing units has not been evident.

By generalizing various concepts like institutional economics into the analytical framework of the impacts of Home Ownership Scheme (HOS), Dr Cheung's thesis demonstrates a strong theoretical foundation that helps fill the current gap in the research on housing tenure choice.

Dr Cheung also has an impressive list of scholarships and academic awards. His passion for research earned him various prizes, fellowships and scholarships including but not limited to the Fulbright-Lee Hysan Hong Kong Research Scholar Award, Endeavour Australia Cheung Kong Research Fellowship and The Ronald Coase Institute Fellowship. He has published three papers and eleven conference papers during his PhD studies at HKU.

Following completion of his PhD degree, Dr Cheung is currently working as a Lecturer in Property at The University of Auckland (UOA) Business School. His appointment will also be conducive to the future collaboration between HKU and UOA under the Universitas 21 (U21) research-intensive universities network.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Dr GHOSH, Shrestha (PhD)
School of Biomedical Sciences

Thesis Title:
SIRT6 Activities in DNA Damage Repair and Premature Aging

Supervisor:
Professor Z. Zhou, School of Biomedical Sciences

Dr Ghosh started her thesis work by examining the potential mechanisms resulting in an accelerated aging disorder called Hutchinson-Gilford progeria syndrome (HGPS). She demonstrated for the first time that lamin A is an endogenous SIRT6 activator and impaired function of SIRT6 contributes to the accelerated aging in HGPS. This is the first activator described for SIRT6 and has a huge potential in the application of intervention in either normal aging or laminopathy-based premature aging. She also identified p53 as a new substrate for SIRT6-mediated deacetylation. She proposed a novel SIRT6-p53 axis in the causation of premature aging with implications in cancer. During her doctoral study, she also identified acetylation as a novel post-translation modification of SIRT6 with potential implications in DNA damage repair pathways.

These findings are particularly important as they significantly advance the current understanding of the molecular mechanisms underlying SIRT6-mediated lifespan control. By generating compound mutant mice with heterozygosity of *TP53* in *SIRT6*-null background, she further demonstrated the importance of this SIRT6-p53 axis in aging and achieved a 16-fold lifespan extension in *SIRT6* knockout mice which exhibit accelerated aging.

Dr Ghosh has an impressive record of publications in influential journals, relating to her research. A gold medalist from India's National Institute of Technology Durgapur, Dr Ghosh received many awards during her PhD study including Reaching Out Excellence award provided by HKSAR government fund in 2017. She is currently a Post-doctoral Fellow with Dr Laurie H. Glimcher, President and CEO of Dana-Farber Cancer Institute, Harvard Medical School.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Dr KHAN, Arshad (PhD)

Department of Mechanical Engineering

Thesis Title:

Novel Embedded Metal-mesh Transparent Electrodes: Vacuum-free Fabrication Strategies and Applications in Flexible Electronic Devices

Supervisors:

Dr W. Li, Department of Mechanical Engineering

Professor L. Wang, Department of Mechanical Engineering

Dr Khan's thesis addresses key challenges facing the transparent conductors used in future flexible electronic devices, such as non-smooth surface topography, poor mechanical stability, low fabrication throughput, and high manufacturing cost, by introducing embedded metal-mesh transparent electrodes (EMTE) and vacuum-free fabrication strategies for the novel transparent electrodes. Various prototype flexible micro-EMTEs and nano-EMTEs with transmittance higher than 90% and sheet resistance below 1 ohm/sq, as well as extremely high figures of merit (ratio of electrical to optical conductivity) up to 1.5×10^4 are demonstrated, which are among the highest reported values in recent studies.

The structure and techniques developed here in this dissertation have successfully led to real products. Based on this research, a spin-off company named "Flectrode Technology Limited" (www.flectrode.com) has been established through the Technology Start-up Support Scheme for Universities (TSSSU) supported by HKU and Hong Kong SAR government. With further development and investment, the technologies developed in the PhD work can be expected to make a high impact in industry and attract venture capitalists to HKU.

Dr Khan's thesis has produced excellent publications in high-quality journals, multiple conference presentations, and a patent application.

Following his graduation, Dr Khan took up a Post-doctoral Research Fellow position jointly with the Max Planck Institute for Informatics (MPI-informatics) and the Leibniz Institute for New Materials (Leibniz-INM) in Germany. His current research focuses on printed electronics and digital fabrications for on-skin interactive devices. He plans to pursue an academic career in top research universities after completion of the postdoctoral appointment.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Dr LIU Qian (PhD)

Department of Earth Sciences

Thesis Title:

Tectonic Evolution of the Middle Segment of the Southern Central Asian Orogenic Belt: Insights from Plutonic and Sedimentary Rocks in the Alxa Terrane and Adjacent Regions

Supervisor:

Professor G. Zhao, Department of Earth Sciences

Dr Liu's thesis advances understanding as to where, when, and how the middle segment of the Paleo-Asian Ocean was consumed and closed, leading to the final assembly of Tarim-North China and Siberia-East Europe. Her research involved extensive field-based structural, petrological, geochronological, and geochemical investigations on the middle segment of the Central Asian Orogenic Belt, which resulted from the consumption and closure of the Paleo-Asian Ocean.

Dr Liu's findings confirm that the middle segment of the Paleo-Asian Ocean commenced to subduct at about 500 million years (Ma) and was closed along the Alxa Terrane about 280-265 Ma ago. This new tectonic model has led to re-interpretation of the Central Asian Orogenic Belt. The discovery and research outcomes of Dr Li's PhD thesis have produced 6 high-quality first-author papers in high-impact publications. The model produced from her PhD thesis has been widely accepted by international peers and publications produced from it have been highly cited even though it has been less than three years since their publication.

Since completing her PhD degree, Dr Liu has worked as a Research Assistant with Professor Guochun Zhao in the Department of Earth Sciences at HKU.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Dr LUO Na (PhD)

Centre for Applied English Studies

Thesis Title:

Chinese Scientists Writing for International Publication: The Use of Mediation Services

Supervisor:

Professor K.L. Hyland, Centre for Applied English Studies

Dr Luo's thesis tackles a novel topic that is relevant to most academics in many countries. She did groundbreaking work on a little studied area of applied linguistics – the support Chinese scientists get when writing for international publication. Despite the dubious practices of “literary agents” who would ghost-author or rewrite papers for Chinese scientists for a huge fee, this topic has been taboo for some time. Dr Luo, however, using her insider status as a literary mediator assisting academics, shows the resources and pitfalls that these scholars face in international publishing. Based on these findings, she proposes the development of in-house international research communication centres to serve Chinese scientists for their international publishing. The thesis is well-researched through a number of detailed case studies and uses a blend of interviews, auto-ethnography and text analysis of submitted drafts, reviewer comments and mediator-author interactions to show the workings of this challenging new aspect of China's publish-or-perish culture.

Based on her thesis, Dr Luo has written four papers, two having appeared in leading journals of writing studies and the other two under review. She has also presented four conference papers based on her thesis and these have attracted the attention of leading figures in the field of applied linguistics.

Immediately after graduation, Dr Luo served as Associate Professor of English at Wuhan University of Science and Technology before she returned to Hong Kong in the early summer of 2018 to join The Chinese University of Hong Kong as a Post-doctoral Fellow.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Miss PENG Qiaoyang (MPhil)
Department of Sociology

Thesis Title:

Grassroots NGOs and their Strategic Alliances with the Chinese State: A Case Study in Guangzhou

Supervisors:

Dr D.A. Palmer, Department of Sociology

Dr C.S.C. Chan, Department of Sociology

Miss Peng breaks new ground with her study of how Chinese grassroots NGOs negotiate alliances with the government, despite missions, values and identity that push them to keep their distance from the state. She uses ethnographic data to engage with theories of organizational values and neo-institutionalism to shed new light on the dynamics and tensions inherent in the Chinese state's policy of "purchasing social services" from NGOs. She proposes the new concept of the "safe zone" that is preferred by NGOs, avoiding being too close to the state whilst avoiding crossing the state's political lines.

The empirical puzzle examined here is both intriguing and important. Why in recent years have grassroots NGOs that were initially reluctant to have any contact with the Chinese state, now chosen to accept government funding and ally themselves with the government? Based on close ethnographic work, this thesis provides detailed accounts of the broader contexts within which the grassroots NGOs are located, and also looks at the rationale behind the decision of grassroots NGO leaders to apply for government resources. Miss Peng brings original data to bear on the topic through an in-depth case study of an NGO in Guangzhou that provides educational enrichment programmes for teenage children of migrant workers.

Since completion of her thesis, Miss Peng has been working on several academic articles based on her findings. She is continuing her academic career in the Department of Sociology at HKU as a PhD student.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Dr SHAO Xiang (PhD)
Faculty of Business and Economics

Thesis Title:
Two Essays on the Impacts of Globalization

Supervisors:
Professor Z. Tao, Faculty of Business and Economics
Dr W. Zhou, Faculty of Business and Economics

Dr Shao addresses one of today's most pressing issues: the impact of globalization on outsourcing, off-shoring and tax avoidance, its subsequent effect on labour market outcomes in developed countries such as layoffs and unemployment, slants in media reports, and ultimately the election outcomes, which determine public policies that may limit the scope of globalization. Dr Shao's research has important implications for company strategy and public policies, especially in view of the electoral success of Donald Trump and his economic policies in the past year.

This thesis comprises two papers, which are among the first to connect international economics and media economics. The first studies the relationship between competition caused by Chinese imports on the US markets and the US media slant on China. The second paper examines the relationship between competition caused by Chinese imports on the US markets and the tendency of US companies to evade taxes in these markets.

Aside from academic research, Dr Shao is recognized as an all-round scholar who emphasizes teaching and knowledge exchange.

Following his graduation Dr Shao joined the School of Management, Fudan University as an Assistant Professor. He is also a fellow of Fudan Development Institute and has written several government advisory reports on trade disputes and US-China relationships.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Dr WONG Yun Sum (PhD)

Department of Pharmacology and Pharmacy

Thesis Title:

To Elucidate the Role of Macrolides in Cardiovascular Events: the Use of Different Observational Study Designs and Methodologies

Supervisors:

Dr E.W.Y. Chan, Department of Pharmacology and Pharmacy

Professor A. Xu, Department of Pharmacology and Pharmacy

Dr A.J. Worsley, Department of Pharmacology and Pharmacy

Clarithromycin is a commonly prescribed antibiotic for the treatment of respiratory diseases, *Helicobacter pylori* infections and skin infections. Dr Wong's thesis reported an increased risk of myocardial infarction, arrhythmia, and cardiac death only during the current use of clarithromycin. No long-term effect was observed after the treatment ended. The findings of this study suggest the need for vigilant patient monitoring for clarithromycin-related cardiovascular events. It led to an update in an international treatment guideline for the management of *Helicobacter pylori* infection in 2017. In addition to clarithromycin, the systematic review and meta-analysis presented in this thesis further summarized the cardiovascular risk associated with macrolides. The study results also inform the management of arrhythmia in sepsis and septic shock, as cited by a recent review.

Dr Wong's findings have a significant impact on clinical treatment and practice. Her research output has been widely published and presented at international conferences. She has received many awards from the Faculty of Medicine in HKU and international conferences.

After completion of her PhD in November 2017, she joined the London School of Hygiene and Tropical Medicine (LSHTM) as a Research Fellow in January 2018. Her research team (Electronic Health Records) in LSHTM has extensive expertise in conducting observational studies to inform the disease management, efficacy and adverse effects of medicines. With her experience in using Hong Kong's electronic health records, she is now studying the epidemiology of skin diseases using clinical data from the United Kingdom and Denmark. She is also involved in supervision of master students in LSHTM. Based on her training and international exposure during her PhD, she is keen to develop as an independent epidemiologist in academia.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2016-17)

Dr YEUNG Wai Kan Andy (PhD)
Faculty of Dentistry

Thesis Title:

Human Insular Cortex: the Hub for Taste Sensation and Dental Perception Processing

Supervisors:

Professor W.K. Leung, Faculty of Dentistry

Professor T. Goto, Faculty of Dentistry

Dr Yeung's thesis covers six studies that examine the neural basis of taste. Two studies represent reviews of the literature, which formed the basis for the current work; two are meta-analyses, with one showing that the insula and the post-central gyrus are the neocortical hotspots of taste processing and the other on fear processing in dentistry; one study examines connectivity in relation to taste processing, and finally one fMRI study covers the induction of dental anxiety.

The main conclusion was that the insula is responsible for integration of sensations and cognition relevant to the oral region. Dr Yeung describes the insula as a crucial hub for processing oral/dentally-related perceptions: both neurophysiological processes are crucial for human general and dental behavior. This work can have significant impact for patients and doctors as few researchers have studied brain activation following gustatory stimulation, and equally few work conducted on brain activation in response to fear related stimuli in association with dentistry.

In addition to major publications based on research for his thesis, Dr Yeung has published widely in professional journals relating to his field of study. He is an editorial board member of *Frontiers in Human Neuroscience* and also an ad-hoc reviewer for a number of high-profile publications.

Since completion of his degree, Dr Yeung has continued to work in the Faculty of Dentistry, HKU, as a Tutor in Radiography. He is also actively involved in teaching, research and knowledge exchange activities.

RECIPIENTS OF THE AWARD FOR OUTSTANDING RESEARCH POSTGRADUATE STUDENT (2015-16)

Miss YU Kexin (MPhil)

Department of Statistics and Actuarial Science

Thesis Title:

Statistical Analysis in Genetic Imprinting on the X Chromosome and DNA Forensics

Supervisor:

Professor T.W.K. Fung, Department of Statistics and Actuarial Science

Miss Yu's thesis describes her development of interesting statistical methods to test for imprinting effects for quantitative traits on the X chromosome, and to evaluate the accuracy of parentage testing in cases of suspected child trafficking. She has developed novel, solid and widely applicable statistical methods and conducted statistical analyses to tackle real scientific problems. Several chapters of this thesis have already been published (and some potentially to be published) in biostatistics journals, a notable achievement for an MPhil candidate.

Publications from the thesis include:

Detection of Imprinting Effects for Quantitative Traits on X Chromosome Using Nuclear Families with Multiple Daughters, published in *Annals of Human Genetics* (Impact factor: 1.659) 2017 Jul; 81(4): 147-160.

Evaluation of Parentage Testing Accuracy of Child Trafficking Cases: Combining the Exclusion Probability and Likelihood Ratio Approaches, published in *Forensic Science International: Genetics* (Impact Factor: 3.911, Ranking: Medicine, Legal 1 out of 15) 2018 May; 34: 81-87.

Following her graduation, Miss Yu joined a subsidiary of MCC Group, a government-owned engineering company registered in Beijing and listed in Hong Kong. This enterprise specializes in entertainment related projects and is currently involved in Hong Kong theme parks, shopping malls, theatres and hotels. Miss Yu joined the company as a Contract Manager in 2017. Her main job responsibilities include risk management and cost analysis for contracts and projects. She is also engaged in a new team studying development of analytical tools and bringing total solutions to theme parks using big data to improve user experience.

LI KA SHING PRIZES (2016-17)

The Li Ka Shing Prizes are highly competitive and the recipients are the best of our elite students.

The Prizes were established in 1991. Previously they were awarded every two years to one MPhil and one PhD student in the Faculties of Humanities and Science. The number of prizes increased to two MPhil and four PhD students every year starting from 2005-06.

Best MPhil thesis in the Faculties of Architecture, Arts, Business & Economics, Education, Law and Social Sciences

Mr MEGGITT, Gary (*MPhil, Department of Law*)

Best MPhil thesis in the Faculties of Dentistry, Engineering, Medicine and Science

Mr CHONG Chun Kong (*MPhil, Department of Medicine*)

Best PhD theses in the Faculties of Architecture, Arts, Business & Economics, Education, Law and Social Sciences

Dr POUPARD, Duncan James (*PhD, School of Chinese*)

Dr REPOUSIS, Odysseas (*PhD, Department of Law*)

Best PhD theses in the Faculties of Dentistry, Engineering, Medicine and Science

Dr LI Bowen (*PhD, Department of Electrical and Electronic Engineering*)

Dr CHIU Kung Chun (*PhD, Department of Pathology*)

LI KA SHING PRIZES (2016-17)

Best MPhil thesis in the Faculties of Architecture, Arts, Business & Economics, Education, Law and Social Sciences

Mr MEGGITT, Gary (MPhil)
Department of Law

Thesis Title:
Mediation and ADR Privilege – the Existing Law and Potential Reforms

Supervisor:
Ms J.M. Brabyn, Department of Law

This thesis is highly topical as it studies the confidentiality of various ADR processes, especially mediation, and the general dissatisfaction with regards to the current situation in many jurisdictions, including Hong Kong.

As a lawyer, academic and mediator himself, Mr Meggitt perceives and explains why, in addition to traditional forms of confidentiality, privilege and the without prejudice doctrine, a much stronger ‘ADR privilege’ is needed to ensure that mediation and other forms of ADR serve as a true alternative to the civil courts.

Mr Meggitt’s groundbreaking work is a major achievement with great potential for encouraging lasting improvements in mediation practice in Hong Kong far beyond the academic world. It is therefore highly commended for pursuing HKU's Impact strategy.

A prestigious publishing house will shortly publish the thesis as a sole-authored book as part of a series of highly reputable books about East Asian Law. Given this frontline status and prominence as a book, the research carried out for this thesis has the potential to make significant changes for the better in the areas described above, both on its own terms and as a springboard for further research. As a member of the Department of Professional Legal Education, Mr Meggitt's thesis research continues to inform his teaching and scholarship. In practical terms his work is of tremendous benefit to students training as lawyers, as well as informing mediation and ADR practice in Hong Kong.

Mr Meggitt is currently working as an Associate Professor in the Faculty of Law, HKU.

LI KA SHING PRIZES (2016-17)

Best MPhil thesis in the Faculties of Dentistry, Engineering, Medicine and Science

Mr CHONG Chun Kong (MPhil)

Department of Medicine

Thesis Title:

Role of Hepatitis B Core and X Proteins in HBV Transcription and Recruitment of Histone Modifying Enzymes to HBV Covalently Closed Circular DNA

Supervisors:

Dr D.K.H. Wong, Department of Medicine

Professor R.M.F. Yuen, Department of Medicine

Dr W.K.W. Seto, Department of Medicine

Mr Chong's passion for his subject and his calibre as a researcher combined with his desire to apply his knowledge for the good of society as a whole shine through his MPhil project. His work has been published in one peer-reviewed scientific paper and one first-author publication with three abstracts.

Mr Chong's research has provided insight into the pathology of chronic hepatitis B infection. Widely prevalent in Asia, at present the disease can only be controlled, but not cured. Mr Chong's study on the role of hepatitis B core and X proteins in HBV replication has enhanced our understanding of the epigenetic regulation of HBV transcription. Moreover, his study further demonstrates the role of viral components of the HBV covalently closed circular DNA mini-chromosome in regulating viral replication. Mr Chong's thesis, which identified several viral protein domains that are important for viral replication, has paved the road to the discovery of novel therapeutic targets, leading one step closer to a complete cure. Mr Chong aimed to identify specific amino acid residues of HBC and HBx that are responsible for their interaction with cccDNA and regulate viral replication through epigenetic regulation.

Currently working as Associate Clinical Specialist in a surgical device company named Medtronic, Mr Chong is responsible for providing clinical and technical support during or after surgical operations in Hong Kong and Macau hospitals. He is currently looking for an opportunity to enter a medical programme at a local university.

LI KA SHING PRIZES (2016-17)

Best PhD theses in the Faculties of Architecture, Arts, Business & Economics, Education, Law and Social Sciences

Dr POUPARD, Duncan James (PhD)
School of Chinese

Thesis Title:

Rescued into Extinction? The Case of the Naxi Texts in Translation

Supervisors:

Dr L.R. Klein, School of Chinese

Mr J.H.K. Poon, School of Chinese

Dr Poupard's thesis makes an original and impressive contribution to several fields of research whose interrelationship is not generally acknowledged: translation studies, anthropology, poetics, and ethics. His research has directly resulted in a strong record of publication and his thesis is currently being reworked into a monograph.

The crux of this thesis considers the relationship between the idea of translation and oral literature. By focusing upon the Naxi Dongba texts and their unique oral property, it succeeds in challenging many of our preconceived notions regarding the nature of translation and its role (positive or negative) in the preservation of culture.

The thesis is original in concept and holds theoretical significance in translation and postcolonial theory, Chinese ethnic literature studies, and studies of the Naxi ethnic group literature. The thesis contributes to postcolonial translation studies, ethnography of Chinese minorities, and study of oral literary traditions, providing a precious missing link between orality and literacy. He uses key sources in Naxi studies and other disciplines as he effectively combines literary theory, translation theory and post-colonial theory with orality theory as well as some input from Ethnopoetics.

While completing his PhD, in the academic year 2016-2017, Dr Poupard was working full time as Lecturer in translation at The Chinese University of Hong Kong, and was nominated for the Vice-Chancellor's Teaching Award for that year due to his outstanding teaching performance.

He was appointed Assistant Professor in the Department of Translation at The Chinese University of Hong Kong in August 2017.

LI KA SHING PRIZES (2016-17)

Best PhD theses in the Faculties of Architecture, Arts, Business & Economics, Education, Law and Social Sciences

Dr REPOUSIS, Odysseas (PhD)

Department of Law

Thesis Title:

The Rise of Multilateral Investment Treaties and the Development of Customary International Investment Law

Supervisor:

Dr J.D. Fry, Department of Law

Dr Repousis was a model RPG student and junior member of academia with an impressive publications and conference paper record that would be the envy of many tenured and tenure-track professors. He had the rare honour almost unheard of for a PhD student of an entire conference panel at the Joint Winter Forum of 2014 of the Institute of Transnational Arbitration and the Institute of Energy Law devoted to debating his paper, which became a chapter in his thesis.

Dr Repousis will undoubtedly continue to have a great impact in the field of international law and international arbitration. The thesis is unique in at least four respects. This is the first study to make a holistic examination of multilateral treaties that promote and protect foreign investments. Second, this is the first study that discusses multilateral investment treaties through the prism of codification. Third, this study establishes that international investment law is a product of multilateral as much as bilateral treaties and free trade agreements. Fourth, this study shows that multilateral investment treaties were initially used as instruments of the New International Economic Order Movement.

Dr Repousis is currently practising as an Associate with the leading law firm Quinn Emanuel Urquhart & Sullivan, LLP in London where he focuses, among others, on public international law cases and cases under multilateral investment treaties. Until recently, he also worked with the United Nations' International Law Commission, where he assisted H.E. Ambassador Juan Manuel Gómez-Robledo.

LI KA SHING PRIZES (2016-17)

Best PhD theses in the Faculties of Dentistry, Engineering, Medicine and Science

Dr LI Bowen (PhD)

Department of Electrical and Electronic Engineering

Thesis Title:

Advanced Temporal Imaging Systems for Ultrafast Optical Dynamics Observation and Signal Processing

Supervisors:

Professor K.K.Y. Wong, Department of Electrical and Electronic Engineering

Dr K.K.M. Tsia, Department of Electrical and Electronic Engineering

From the start of his PhD study Dr Li successfully collaborated with other colleagues at the HKU and the University of California at Los Angeles (UCLA). His record of 17 publications (9 as first-author/equally contributed first-author) in first-tier journals is a remarkable achievement for a PhD student in two diverse research areas, namely the ultrafast all-optical signal processing and fundamental study on laser dynamics. He was invited to visit UCLA twice for his technical contribution.

Dr Li developed several new temporal imaging systems, and also demonstrated applications of temporal imaging methods. This thesis on advanced temporal imaging system describes an outstanding piece of work on exploiting the full potential of ultrafast all-optical signal processing to unveil the frequency and time characteristics of optical signals for use in signal monitoring, optical instrumentation, and biomedical engineering. Dr Li shows an impressive breadth of knowledge in diverse areas including laser dynamics, optical phase-locked loop, soliton generation, advanced soliton dynamics, temporal Talbot effect, time lens, optical parametric processing, and data signal analysis. He also shows the ability to merge these areas to develop innovative schemes and produce impressive results that outperform existing commercial products.

Dr Li is also a gifted teacher, winning Outstanding Teaching Assistant Award for three times in the Department of Electrical and Electronic Engineering, HKU.

After completion of his thesis he spent one year as a Post-doctoral Fellow in the Department of Electrical and Electronic Engineering, HKU, until he took up a Post-doctoral Fellowship in the Department of Electrical and Computer Engineering, University of Colorado, Boulder.

LI KA SHING PRIZES (2016-17)

Best PhD theses in the Faculties of Dentistry, Engineering, Medicine and Science

Dr CHIU Kung Chun (PhD)

Department of Pathology

Thesis Title:

The Role of Hypoxia on Myeloid-derived Suppressor Cell Accumulation in Hepatocellular Carcinoma

Supervisors:

Dr C.C.L. Wong, Department of Pathology

Professor I.O.L. Ng, Department of Pathology

The scientific reasoning in Dr Chiu's thesis is strong and supported by many advanced experimental platforms and compelling data. He addresses many hitherto unanswered questions regarding the recruitment of immune cells to cancer and how we could leverage this knowledge to develop effective therapeutic strategies in combination with immune therapies.

Dr Chiu's PhD work has had great scientific and clinical impact and led us to a comprehensive understanding of the immunology of liver cancer which is an uncharted and challenging area. His study has established the foundation for new therapeutic strategies, particularly more effective strategies involving immune therapies, for liver cancer patients. His work has the potential to make considerable impact on society and clinical practice.

Dr Chiu has maintained an impressive publications output and his research work has resulted in two peer-reviewed articles in leading international journals. His many outstanding achievements include numerous local and international awards throughout his PhD study, indicating how highly his work is appreciated by scientists in the field.

As a Post-doctoral Fellow in the Department of Pathology, HKU, Dr Chiu is currently focusing on a new area of cancer biology which is the involvement of the immune system in cancer development. He plans to go to the Stanford University for further postdoctoral training to further his knowledge of cancer immunology and develop his career in academia and cancer research.

HONG KONG PhD FELLOWSHIPS (2018-19)

The Hong Kong PhD Fellowship (HKPF) Scheme was established by the Hong Kong Research Grants Council (RGC) in 2009. The HKPF aims at attracting the best and brightest students across the world to pursue their PhD programmes in Hong Kong.

Faculty of Architecture

Miss ZHAO Ya

(Department of Real Estate and Construction)

Mr YAN Xiang

(Department of Urban Planning and Design)

Faculty of Arts

Mr WHITAKER, Simon

(School of English)

Mr GREATREX, Jack Edward

Miss KEON Hayley

(School of Humanities (History))

Faculty of Business and Economics

Ms SHI Wenjing

Faculty of Dentistry

Miss BHATI, Aradhana

Miss SHAN Zhiyi

Faculty of Education

Miss GAO Lin

Ms KONG Tsz Ching

Ms PEI Leisi

Mr YE Jiachu

Faculty of Engineering

Mr FAN Linhao

Mr FEI Fan

Mr HE Jun

Mr HEWA WELEGE, Nandun Madhusanka

Mr PHO, Andy Prabowo

(Department of Civil Engineering)

Mr JI Zhuoran

Mr LONG Xiaoxiao

Mr MA Haoyu

Ms YU Huijing

(Department of Computer Science)

Mr CHEN Guanhua

Mr YIP Gwing Kei

(Department of Electrical and Electronic Engineering)

Miss SUN Chuying

(Department of Mechanical Engineering)

Faculty of Law

Miss ANANSARINGKARN, Pattamon

Ms MYSAK, Yuliia

(Department of Law)

Li Ka Shing Faculty of Medicine

Mr GONG Lanqi

(Department of Clinical Oncology)

Mr CHIU Man Chun

Miss HUANG Xiner

(Department of Microbiology)

Mr BLAIS, Joseph E

Mr LONG Kaiqi

(Department of Pharmacology and Pharmacy)

Miss LUI Nga Chu

(Department of Surgery)

Mr CHU Ka Chi

Miss DUNNETT, Sophie Louise

Mr KUWENTRAI, Chaiyaporn

Miss WANG Pei Hsuan

Miss YU Wing Shan

(School of Biomedical Sciences)

Mr OONG, Xiang Yong

(School of Public Health)

Faculty of Science

Miss LIU Jiamei

Miss NG Un I

(Department of Chemistry)

Mr DING Anyang

Miss SHI Xiaoyan

(Department of Earth Sciences)

Mr YI Weizhu

(Department of Physics)

Miss HUANG Feiqing

Mr JIN Huaqing

(Department of Statistics and Actuarial Science)

Miss CARINI, Alessia

Ms CORLEY, Alison Diane

Miss YAN Ruolin

(School of Biological Sciences)

Faculty of Social Sciences

Ms VON PEZOLD, Johanna Elisabeth

Miss YUEN Kwan Yee

(Department of Sociology)

CROUCHER FOUNDATION FELLOWSHIPS/SCHOLARSHIPS (2018-19)

The Croucher Foundation is a private endowment set up in 1979 and permanently domiciled in Hong Kong, with the objective of promoting excellence in natural science, technology and medicine in Hong Kong. One of the Foundation's regular funding initiatives is to provide financial support for promising young people in Hong Kong to pursue scientific research at postdoctoral and doctoral levels.

Dr CHOI Tsun Man William (*PhD, Faculty of Education*)

Dr FUNG Sin Ki (*PhD, Department of Chemistry*)

Dr WANG Yuan (*PhD, School of Biological Sciences*)

HKU – CAMBRIDGE HUGHES HALL SCHOLARSHIPS SCHEME (2018-19)

The Scheme supports HKU graduates and PhD students to pursue Master's degrees at Hughes Hall of University of Cambridge with the aim of fostering cultural and intellectual exchanges between students from both universities. The Scheme is funded by **Doris Zimmern Charitable Foundation, Dr Edwin Leong and Mr Tse Sik Yan**. In 2018-19, the following PhD student is awarded a scholarship and currently pursuing his Master's studies at Hughes Hall of Cambridge.

Dr Edwin Leong HKU - Cambridge Hughes Hall Scholarships

Mr NG Ka Tsun (*PhD, Department of Industrial and Manufacturing Systems Engineering*)

FULBRIGHT-RGC HONG KONG RESEARCH SCHOLAR AWARD PROGRAMME (2018-19)

Starting from the 2002-2003 academic year, the Research Grants Council, in collaboration with the United States Consulate-General in Hong Kong, launched the Fulbright Hong Kong Scholar Programme to support Hong Kong scholars to undertake research and teaching work in the United States.

Miss LEUNG Ka Man (*PhD, Department of Real Estate and Construction*)

Miss LIU Huiying (*PhD, Department of Social Work and Social Administration*)

THREE MINUTE THESIS COMPETITION AWARDS (2018)

The Three Minute Thesis (3MT[®]) Competition was developed by The University of Queensland, Australia in 2008. This is an academic competition that challenges research postgraduate (RPg) students to explain their research within three minutes to a general audience. The Knowledge Exchange Office and the Graduate School has jointly organized the HKU 3MT[®] Competition since 2011.

Champion and People's Choice Award Winner

Dr KHONG, Mei Li (*PhD, School of Biomedical Sciences*)

1st Runner-up

Dr SETHI, Jasmeen Kaur (*PhD, Department of Pathology*)

2nd Runner-up and Online People's Choice Award Winner

Miss CHONG Pang (*MPhil, School of Humanities (History)*)