

HONOREES

Listed in alphabetical order according to the last name of professor



Dr Jason Kwan Kit CHAN

Lecturer II in the Department of Chemistry

Recipient of the **2018 University Grants Committee (UGC) Teaching Award** under the category of Early Career Faculty Members

The annual UGC Teaching Award was introduced in 2011 to honor academics of the UGC-funded institutions, for their outstanding teaching performance and achievements as well as their leadership and scholarly contribution to teaching and learning within and across institutions. It currently represents the highest honor bestowed by the Hong Kong Government for college teaching.



Professor Man Sun CHAN

Chair Professor in the Department of Electronic and Computer Engineering

Recipient of the **2017 IEEE Electron Devices Society Education Award**

Presented annually since 2006, the award is IEEE Electron Devices Society (EDS)'s highest honor to recognize distinguished contributions to education within the field of interest of EDS. Professor Chan received the award for his pioneering innovative approaches in electronic engineering education.



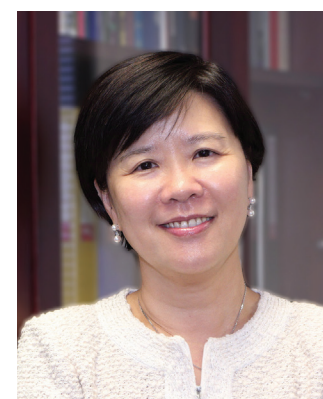
Professor Simon Wan CHAN

Associate Professor in the Department of Chemistry and the Division of Environment and Sustainability

Awarded the **2017 Research Article of the Year in the Journal of Agricultural and Food Chemistry**; also recipient of **2018 Chemical Research in Toxicology Young Investigator Award**

Professor Chan's paper entitled "*Quantitation of aristolochic acids in corn, wheat grain, and soil samples collected in Serbia: Identifying a novel exposure pathway in the etiology of Balkan endemic nephropathy*" was awarded the "Research Article of the Year" in the Journal of Agriculture and Food Chemistry by the American Chemical Society (ACS) and the ACS Division of Agrochemicals.

Professor Chan was also elected to receive the Chemical Research in Toxicology Young Investigator Award from the ACS Division of Chemical Toxicology which honours the contributions of a young individual who has had a major impact on research in chemical toxicology or a related field.



Professor Nancy IP

The Morningside Professor of Life Science and Chair Professor in the Division of Life Science

Received a large-scale grant from the **RGC Theme-based Research Scheme 8th Round (2018/19)** for the project entitled "A Stem Cell Approach to Dissect the Molecular Basis of Neurodegenerative Diseases"

The Theme-based Research Scheme is a very competitive and highly-selective funding scheme for projects of strategic importance to Hong Kong's long-term development. Professor Ip's project aims to address the urgent need for innovative therapies to treat age-related neurodegenerative disorders such as Alzheimer's disease, a highly prevalent and devastating disease and one of the leading causes of mortality in the elderly.



Professor Joseph Hun-wei LEE

Professor Emeritus and Visiting Professor in the Division of Public Policy and the Department of Civil and Environmental Engineering

Recipient of the **First Prize of 2017 Hong Kong Construction Industry Council (CIC) Innovation Award** in the Construction Sustainability Category; also elected as one of seven **Invisible Silent Superheroes** by the Institution of Civil Engineers Hong Kong Association

Established in 2015, the Hong Kong Construction Industry Council (CIC) Innovation Award aims to recognize new technologies and scientific breakthroughs by academia and industry practitioners, as well as to stimulate international awareness on achievements in research and innovation in the construction industry of Hong Kong SAR, the mainland China and overseas. In collaboration with the Hong Kong Drainage Services Department and Black and Veatch (Hong Kong) Ltd., Professor Lee (as the lead applicant) won the First Prize of the 2017 award in the category of construction sustainability for his project “Supercritical vortex intakes for urban stormwater management”.

In June 2018, Professor Lee was also showcased by the Institution of Civil Engineers Hong Kong Association as one of seven “invisible silent superheroes” who have made outstanding contributions to the civil engineering field through signature projects in shaping the city and transforming lives.

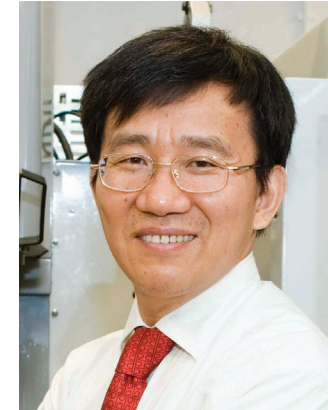


Professor Yingying LI

Associate Professor in the Department of Information Systems, Business Statistics and Operations Management and the Department of Finance

Elected as **Fellow of the Society for Financial Econometrics in 2017**

Each year the Society for Financial Econometrics (SoFiE) Council elects several “SoFiE Fellows” in recognition of their outstanding contributions to financial econometrics. In 2017, Professor Yingying Li was named Fellow of the Society. Professor Li has made fundamental and highly influential contributions to the methodology and theory for high-frequency volatility estimation as well as novel and deep investigations into market microstructure noise. She is a pioneer in studies on inference about high-dimensional co-volatility matrices and has made innovative and insightful contributions to large portfolio selection and management. Professor Li has also conducted outstanding services to the profession.



Professor Zexiang LI

Professor in the Department of Electronic and Computer Engineering

Recipient of **2019 IEEE Robotics and Automation Technical Field Award**

Professor Li Zexiang received the 2019 IEEE Robotics and Automation Technical Field Award from the IEEE Robotics and Automation Society along with his former student Mr Frank Wang, DJI founder and CEO, for their contributions to the development and commercialization of civilian drones, aerial imaging technology, robotics engineering advancement, innovation and entrepreneurship. Established in 2002 by the IEEE board of directors, the award is one of the most prestigious awards in the field of robotics and automation.



Professor Charles Wang Wai NG

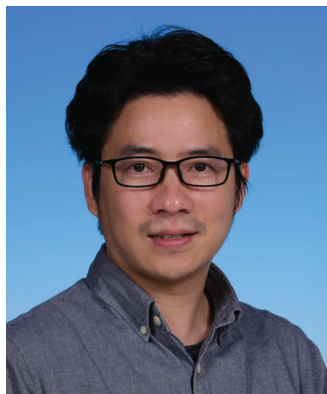
CLP Holdings Professor of Sustainability and Chair Professor in the Department of Civil and Environmental Engineering

Elected as **President of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) in 2017**; and also recipient of **2017 Telford Premium Award** and **2017 Prix R M Quigley Award (Honorable mention)**

Professor Ng was elected by 89 member countries together with 2 special regions as President of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) for 2017 to 2021. He is the first president from Greater China and the third one from Asia since the establishment of ISSMGE in 1936. The ISSMGE is the supreme body representing the interests and directing activities of engineers and academics in geotechnical engineering all over the world.

Professor Ng received the Telford Premium Award presented by the Institution of Civil Engineers, the United Kingdom, in 2017. The Telford Premium Award recognizes authors from both industry and academia who have produced work of exceptional quality and benefits civil engineering, construction and materials science. It was the first time that the award was given to a Greater China team with members all from Hong Kong.

Professor Ng also received the Prix R M Quigley Award (Honorable Mention) presented by Canadian Geotechnical Society to recognize considerable contributions and achievements to the advancement of the geotechnical field. Professor Ng is the third-time recipient of this award and had won it previously in 2008 and 2013. This is the first time all Hong Kong team has won this annual award since it was established in 1973.



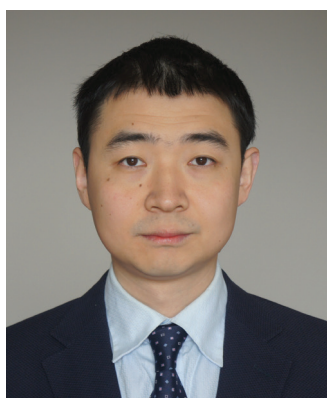
Professor Tuan Anh NGUYEN

Assistant Professor in the Division of Life Science

Recipient of the **Croucher Innovation Awards 2018**

The Croucher Innovation Award is given to “rising stars” – exceptionally talented young scientists working at an internationally competitive level. By offering funding of up to HK\$5 million each for research expenses, the award enables recipients to pursue their own scientific, intellectual and professional inclinations, to advance their expertise, to engage in bold new work, and to contribute to the development of education and research in Hong Kong.

Two HKUST faculty members were honored with the prestigious Croucher Innovation Awards 2018 for their distinguished scientific research achievements. Professor Nguyen is one of the two recipients. His research focuses on the comprehensive understanding of how modulated and structured elements of pri-miRNAs are recognized and interact with multiple RNA-interacting proteins, enzymes and small chemical molecules, by employing multidisciplinary approaches, including biochemistry and bioinformatics techniques.



Professor Ding PAN

Assistant Professor in the Department of Physics and the Department of Chemistry

Recipient of the **Croucher Innovation Awards 2018**

Professor Pan is the other recipient of the Croucher Innovation Awards 2018. His group develops and applies computational and numerical methods from first principles to seek answers to the urgent and fundamental scientific questions relevant to sustainable development, e.g., water science, deep carbon cycle, and clean energy.

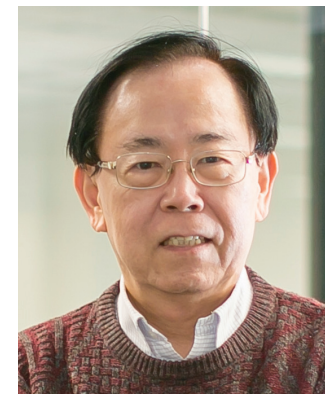


Professor David Paul ROSSITER

Associate Professor of Engineering Education and Senior Lecturer in the Department of Computer Science and Engineering

Recipient of the **2017 Michael G. Gale Medal for Distinguished Teaching**

The Michael G. Gale Medal for Distinguished Teaching, established by HKUST University Council in 1994, is awarded each year to a member of the academic staff who best exemplifies continued pursuit of excellence, devotion to teaching, and the ability to inspire and motivate others. The recipient is representative of the high quality of teaching and learning that the University offers and promotes. Professor Rossiter is recognized for his contributions in new curriculum design and course development, and for creating an innovative and creative pedagogical approach to promoting student engagement.



Professor Ping SHENG

Chair Professor in the Department of Physics and Dr William M W Mong Professor of Nanoscience

Recipient of the **2018 Rolf Landauer Medal** by the International Association for the Science of Electrical Transport and Optical Properties of Inhomogeneous Media (ETOPIM)

The ETOPI Association Rolf Landauer Medal is awarded once every 3 years for excellence in the field of composite science. Professor Sheng received the Medal for his pioneering research contributions to the electrical transport and acoustic properties of inhomogeneous media that include the notable fluctuation-induced tunneling conduction mechanism and acoustic metamaterial.



Professor Benzhong TANG

Stephen Kam Chuen Cheung Professor of Science and Chair Professor in the Department of Chemistry and the Department of Chemical and Biological Engineering

Recipient of **First-class State Natural Science Award 2017** and **2017 Prize for Scientific and Technological Progress of the Ho Leung Ho Lee Foundation**

The State Natural Science Award (SNSA) is the highest honor in China’s natural science community, in particular the first class award. Since its establishment in 1956, only 33 scientists or research groups received the top honor. Professor Tang is the first recipient of the first-class award at HKUST and the second Hong Kong scientist who has earned the honor since Hong Kong’s participation in SNSA in 1989. Professor Tang received the award in recognition of his outstanding achievements in research on aggregation-induced emission (AIE), and the significant contribution.

The Ho Leung Ho Lee Foundation was established in 1994, with donations from the charitable foundations of Dr. Ho Sin Hang, Dr. Leung Kau-Kui, Dr. Ho Tim, and Dr. Lee Quo-wei’s Wei Lun Foundation Limited. The Prize for Scientific and Technological Progress is a technology award established with the aims of rewarding outstanding and innovative Chinese academics and promoting science and technology development in the country.



Professor Kar Yan TAM

Chair Professor in the Department of Information Systems, Business Statistics and Operations Management

Elected as **President of Association of Asia-Pacific Business Schools**; also received a large-scale grant from the **RGC Themed-based Research Scheme 8th Round (2018/19)** for the project entitled “Contributing to the Development of Hong Kong into a Global Fintech Hub”.

Established in 2004, the Association of Asia-Pacific Business Schools provides leadership and representation to advance the quality of business and management education in the Asia-Pacific region. As a leading business education association in the region, it works in partnership with over 120 member schools to improve business school standards and quality.

The Theme-based Research Scheme is a very competitive and highly selective funding scheme for projects of strategic importance to Hong Kong’s long-term development. Professor Tam’s Fintech project aims to promote Hong Kong as a global Fintech hub and to examine the interplay between technology, financial services, regulation, and Fintech manpower development.



Professor Ching W. TANG

IAS Bank of East Asia Professor, Chair Professor in the Department of Electronic and Computer Engineering, the Department of Chemistry and the Department of Physics

Inducted to **US National Inventors Hall of Fame in 2018**; also recipient of the **2018 Doctor of Science honoris causa** from the University of Hong Kong

Professor Ching W. Tang has been inducted into the US National Inventors Hall of Fame for his ground-breaking research on organic light emitting diodes (OLEDs). The US National Inventors Hall of Fame was founded in 1973, with a mission to recognize those who have conceived, patented, and advanced some of the most groundbreaking technological achievements of the world.

Professor Tang also received the Doctor of Science honoris causa from the University of Hong Kong in May 2018 for his impactful invention of the OLED technology.



Professor Xiaogang WU

Chair Professor in the Department of Social Science

Elected as **Inaugural President of the International Chinese Sociological Association**

The International Chinese Sociological Association (ICSA) was renamed from the North American Chinese Sociological Association (NACSA), a nonprofit organization established in 1981 and registered in the State of California, USA. It aims to promote social scientific research on Chinese societies, cultures, and populations in the world. ICSA will continue to promote NACSA’s missions organizing research symposiums and annual conferences to facilitate the interaction and collaboration between scholars in North American and scholars in the Greater China Region and elsewhere.



Professor Mingjie ZHANG

Kerry Holdings Professor of Science and Chair Professor in the Division of Life Science

Recipient of **Croucher Senior Research Fellowship Award for 2018-19**

The Croucher Senior Research Fellowships scheme was first introduced in 1997. It is awarded to local academics who have excelled in scientific research work. Funds are awarded to the universities of the fellowship recipients, enabling the university to recruit replacement teachers to take over the award winner’s duties for the period of the fellowship. This allows the awardees to devote more time and effort to research work with grant support from the Foundation. This is the second time that Prof. Zhang was awarded this fellowship.



Professor Tianshou ZHAO

Cheong Ying Chan Professor of Engineering and Environment and Chair Professor in the Department of Mechanical and Aerospace Engineering

Received a large-scale grant from the **RGC Theme-based Research Scheme 7th Round (2017/18)** for the project entitled “Creation of Rechargeable Electron-fuels for Stationary Power Supplies and Electric Vehicles”

The Theme-based Research Scheme is a very competitive & highly selective funding scheme for projects of strategic importance to Hong Kong’s long-term development. The project led by Professor Tianshou Zhao, received HK\$50 million in funding and aims to create a novel e-fuel energy storage technology. Success of this research will revolutionize energy technology and facilitate the adoption and deployment of renewable energy.