



## Award



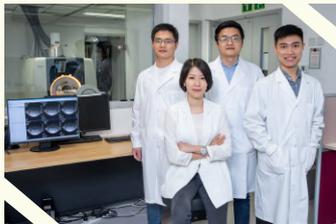
## Departments of Biomedical Engineering and Computer Science

Dr Kannie CHAN from the Department of Biomedical Engineering, and a team comprising Dr WONG Hau San (leader), Dr CHAN Mang Tang, Dr Jacky KEUNG and Dr KWOK Lam For from the Department of Computer Science were selected as recipients of the Teaching Excellence Awards 2019-20. These colleagues will also be nominated for consideration of the UGC Teaching Award 2020.

## Faculty achievement

### Department of Biomedical Engineering

Dr Kannie CHAN and her team, in collaboration with Johns Hopkins University in the US, discovered a new, non-invasive way to detect early-stage Alzheimer's disease, helping patients get the necessary treatments around 10 years before any symptoms appear. The findings were published in *Science Advances* under the title "Altered D-glucose in brain parenchyma and cerebrospinal fluid of early Alzheimer's disease detected by dynamic glucose enhanced MRI".



### Division of Building Science and Technology

Prof John LIN introduced a new ventilation system for reducing the risk of virus infection of healthcare workers in hospital wards in response to the outbreak of COVID-19. The research results were published in local newspapers and a Hong Kong Open TV programme "八時恭候".



## Faculty achievement

## Staff achievement

### Department of Mechanical Engineering

Dr ZHANG Shiwei received RGC's Postdoctoral Fellowship Award, which includes a stipend for a 3-year full-time appointment and allowances for conference and research-related activities. Dr ZHANG and his Project Investigator, Prof PAN Chin, will work on a project which enables more efficient phase-change heat transfer for various energy systems and high-power electronics.



### Department of Mechanical Engineering

Matthew CHUI under the supervision of Dr Janet WONG of the Imperial College London has contributed to a paper as the second author during his overseas internship at Imperial College. The paper, entitled Interactions between Organic Friction Modifier Additives, has been accepted for publication by *Tribology International*.



## Student achievement

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### Division of Building Science and Technology

WU Jialin received Dr Edwin Hsueh-Chi Tao Scholarship in recognition of his outstanding academic performance and contribution to the Hong Kong Chapter of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE).



### Department of Mechanical Engineering

Prof WANG Zuankai recently delivered via Zoom a talk titled "A big world in a small droplet", which discussed the potential of droplets for sustainable energy and solving water and energy crisis. The online lecture was well received with participants from Hong Kong, the US, and India etc.



## Activities