Department of Materials Science and Engineering

Prof Aser Alz and Dr Li Dengyuan were conferred the Outstanding Research Award and the Outstanding Research Award for Junior Faculty respectively for their outstanding research achievements. The Awards will be formally presented to them at the University's Congregation.

Department of Mechanical Engineering

Prof Takashi Hibiki and a newly hired Chair Professor received the Global STEM Professorship from the UGC. The scheme aims to support UGC-funded universities to recruit internationally renowned innovation and technology scholars by providing them with substantial support, including salary and funding for the establishment of research laboratories and the formation of research teams.

Department of Mechanical Engineering

A fast-track ventilation system which can thoroughly filter viral particles at relatively low cost, developed by Dr Steven Wang’s research team, was widely reported in local media including TVB, Now TV, The Standard and Ming Pao. The system can be used in high-risk places like hospitals and washrooms, thus reducing the risk of virus transmission and the spread of COVID.

Department of Biomedical Engineering

The start-up company co-founded by Dr Xu Chenjie beat over 100 competing teams and was made the second runner-up at the SME Innovation and Entrepreneurship Global Contest 2021 - Hong Kong Chapter. The contest provides a good opportunity for contestants to expand their business in the Greater Bay Area.

Department of Mechanical Engineering

Dr Yang Zhengbao received two grants from the Innovation and Technology Commission of the HKSAR for developing self-powered and wireless autonomous sensors for vehicles. With the funding, Dr Yang's research team will explore new energy conversion methods, optimise wireless power transfer and wireless communication strategies, and develop low-power circuits for the next-generation automotive sensor systems.

Department of Biomedical Engineering

Dr YU Xinge obtained NSFC’s Excellent Young Scientists Fund (Hong Kong and Macao) for his project entitled “Intelligent Sensing and Feedback Technology Based on Flexible Electronics”. The Excellent Young Scientists Fund is a prestigious award to support young scientists on the frontiers of international science.

Department of Computer Science

Miss Liu Wei was awarded the HKIE Scholarship, totalling HK$80,000. Established by the Hong Kong Institution of Engineers (HKIE), the scholarship is to recognise her outstanding academic achievements and active participation in HKIE activities.

Department of Biomedical Engineering

Mr Harvey Ng developed an Intelligent Tutoring System by using AI technology. Targeting at underprivileged students, the system helps identify students’ learning problems. His innovation has earned him the HSBC Overseas Scholarship, and he will receive a grant of HK$30,000 to pursue his studies at Columbia University in the US.

Department of Computer Science

PhD graduate Dr Zhu Qingfeng, and his two collaborators from Shenzhen University, under the supervision of Prof Zhang Guoyi, won the gold prize in the Competition on Dynamic Pickup and Delivery Problem organized by Huawei Technologies Ltd.