

## **BRE PhD Students/Graduate Winning Occupational Safety & Health Best Project Scholarship (2017-18)**

Congratulations to our PhD students and graduate, Ms Yiu Sze Nga Nicole, Mr. Maxwell Fordjour Antwi-Afari and Dr Zhao Yijie on winning the Occupational Safety and Health (OSH) Best Project Scholarship for the academic year of 2017/18!

Organized by the Occupational Safety and Health Council (OSHC), the OSH Best Project Scholarship aims to encourage post-secondary students in Hong Kong to better understand the occupational safety and health as well as recognize those students who have successfully demonstrated capabilities of implementing quality applied research related to OSH in their studies.

On 18 January 2019, Nicole, Maxwell, Prof. Albert Chan, Chief Supervisor of Yijie and Dr Daniel Chan, Chief Supervisor of Nicole were most grateful to receive the accolades and the warmest congratulations at the Award Presentation Ceremony at the Hong Kong Convention and Exhibition Centre.



*Winning PhD student,  
Ms Yiu Sze Nga,  
Nicole\* and her Chief  
Supervisor, Dr Daniel  
Chan*

*Nicole got the  
certificate along with  
the prize of  
HK\$10,000-.*

*\*Nicole will graduate  
soon.*

Under the supervision of Dr Daniel Chan (Chief Supervisor), Associate Head (Teaching and Learning) of BRE and Prof. Albert Chan (Co-supervisor), Head of BRE, Nicole researched the safety management system in her PhD study. Her remarkable effort on the thesis, entitled '*An Empirical Investigation of the Current Application and Future Development of the Safety Management System (SMS) in the*

*Hong Kong Construction Industry'*, was rewarded with the OSH Best Project Scholarship.

*Winning PhD student, Mr. Antwi-Afari Maxwell Fordjour\* receiving the award at the Ceremony.*

*Maxwell got the certificate along with the prize of HK\$10,000-.*

*\*Maxwell will graduate soon.*



Maxwell's winning research project was entitled '*Evaluation of Biomechanical Risk Factors for Work-Related Musculoskeletal Disorders and Fall Injuries among Construction Workers*'. Under the supervision of Prof. Heng Li (Chief Supervisor), Dr. JoonOh Seo (Co-supervisor) and Dr. Arnold Yu Lok Wong (Co-supervisor), Maxwell explored the feasibility of using a wearable insole pressure system. It can serve as an automated risk assessment tool to allow practitioners to take proactive actions for identifying risk factors (e.g. awkward working postures, loss of balance events) that may lead to developing work-related musculoskeletal disorders and non-fatal falls injuries among construction workers.



*Chief Supervisor, Prof Albert Chan receiving the award on behalf of his winning PhD graduate, Dr Zhao Yijie.\**

*Yijie got the certificate along with the prize of HK\$4,000-.*

*\*Yijie graduated in Sept 2018*

At the Award Presentation Ceremony, Prof. Albert Chan received the award for his winning graduate, Yijie who was out of town. Her thesis, *'The Role of Personal Cooling System (PCS) in Combating Body Heat Strain: A Case Study in Hong Kong'* says a lot about her clear understanding of the great importance of occupational safety and health to the industry.

Let's give a big clap to the winning students and graduate as well as their supervisors! The achievement is a reward for their perseverance and great work, and a big step to their exciting research journey. We wish Nicole, Maxwell and Yijie a new chapter of achievements, vibrancy and joy.

*Jan 2019*