

## Keynote Speech 2 (11:30 to 12:15 HKT, 9<sup>th</sup> July 2024/C-LP-11)

**Professor Chetwyn CHAN**

**The Education University of Hong Kong, Hong Kong SAR**

### **Translational Research and Sustainability in Higher Education?**

#### **Abstract**

Sustainability is a concept embraced in higher education. In my talk, I will use my works in aging and neurodegeneration to explore how academic research can be sustained under a translational research framework. I will share findings of cognitive slowness in the brain, reflecting cognitive declines in normal aging. The EOmciSS, an electronic digital health product developed based on cognitive slowness, has been implemented in pilot population-based screening programs in China. The challenges encountered and their mitigations to navigate among the policymakers, statutory bodies, professionals, businesses, and users are discussed.

#### **Biography**

Professor Chetwyn Chan is Peter T. C. Lee Chair Professor of Psychology at The Education University of Hong Kong, and Vice President (Research and Development). His research focuses on exploring mechanisms underlying human learning, particularly perceptual and cross-modal learning employing brain imaging, electroencephalograms, and behavioural methods. He also applies the mechanisms to understand the behaviours of people with disabilities and older individuals, and design interventions to enhance the functional capabilities of these individuals. In 2019, his research team won the Second Class State Scientific and Technology Progress Award from the State Council of the People's Republic of China for integrating Chinese medicine into innovative post-stroke rehabilitation. He is Elected Fellow of the American Psychological Association and a Fellow of the Hong Kong Psychological Society. In 2023, Professor Chan received the Chief Executive's Commendation for Community Service from the Chief Executive of the Hong Kong Special Administrative Region, PRC. He has been the Chairperson of The Hong Kong Society for Rehabilitation since 2023.

