



The Chinese University of Hong Kong  
**Department of Biomedical Engineering**



**Time: 9:30 am, 29 August 2019 (Thursday)**  
**Venue: Room 513, William M.W. Mong Engineering Building**

## **Research in the Faculty of Applied Health Sciences at the University of Waterloo: Potential for collaborations**



**Prof. Lili Liu**

**Dean of Applied Health Sciences  
University of Waterloo**

### **Abstract**

The purpose of this seminar is to foster student exchanges and international research collaborations. This presentation begins with an overview of the Faculty of Applied Sciences (AHS) at the University of Waterloo in Ontario, Canada. The Faculty of AHS consists of the Department of Kinesiology, Department of Recreation and Leisure Studies, and the School of Public Health and Health Systems. UWaterloo is an international leader in co-op work experiences for undergraduate students, and graduate studies with research experts who focus on investigations across the lifespan, physical to mental health, and even in space! Next, I will provide an overview of my research program as an investigator with the AGE-WELL Network of Centres of Excellence. Over the past five years, with my colleagues at the University of Alberta, we have pursued research on technologies for cognitive and mental health. Research topics include user adoption of smart home technologies, serious games for cognitive and mental health, and strategies for management of risks of wandering in persons living with dementia. The presentation will conclude with a preview of our research program for the next years.

### **Biography**

Lili Liu (PhD, McGill 1993) is a Professor and Dean of the Faculty of Applied Health Sciences. She is an occupational therapist and her research focuses on user adoption of technologies for rehabilitation assessments and interventions, and ways technologies can help older adults and family caregivers. She is an investigator with Age-Well Network of Centres of Excellence. At the University of Alberta, she was academic co-lead of the Smart Condo™ at the University of Alberta. a living laboratory where health sciences students learn in an interprofessional environment and researchers collaborate with industry on validating technologies that help older adults remain independent in their homes.

**\*\*\* ALL ARE WELCOME \*\*\***

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