UNIVERSITY OF CALGARY

**The O'Brien Institute for Public Health &
the Department of Community Health Sciences present:**

mHealth, Artificial Intelligence, and Aging-in-place: Why this Combination Makes a Lot of Sense

Speaker: Dr. Joon Lee

**Friday, April 26, 2019 - 12:00 to 12:50 p.m.
G500 - Health Sciences Centre, 3330 Hospital Dr NW**

Aging populations are poised to put substantial pressure on our health care system. As a potential solution, this talk will discuss how mobile health (mHealth) and artificial intelligence (AI) technologies can be leveraged to support aging-in-place by empowering older adults and caregivers. Several relevant topics will be discussed including wearable technology acceptance, fall risk estimation, and frailty tracking.

Dr. Joon Lee is the Director of the Data Intelligence for Health Lab (cumming.ucalgary.ca/dih) and an Associate Professor of Health Data Science in the Cumming School of Medicine, University of Calgary. He holds a PhD in Biomedical Engineering from the University of Toronto and completed postdoctoral training in Medical Data Science at the Harvard-MIT Division of Health Sciences and Technology. His research applies data science, machine learning, artificial intelligence, natural language processing, and mobile technology to a wide range of health domains including intensive care medicine, aging, and population health surveillance.

Objectives:
1. Appreciate why mHealth and AI are well-suited to support aging-in-place
2. Describe what factors older adults consider when accepting/rejecting wearable technology
3. Understand how wearable data can be used to estimate fall risk and frailty

This event is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada. **This seminar is also available via an online AdobeConnect session:** To attend the seminar from another location via your computer, click on this link:
https://connectmeeting.ucalgary.ca/oiph-apr26-19/

Enter as a guest. You may join the session at any time. It is advisable to test your audio before the seminar starts. The AdobeConnect session will be archived and accessible for later viewing at:
https://www.obrieniph.ucalgary.ca/events/chsobrien-institute-seminar-series