

# PIZZA WITH THE PROFS

Wednesday September 26, 2018

12:00 pm - 1:00 pm

VC2Boardroom

Grand River Hospital

Freeport Campus



## THE NEW AGE OF POPULATION LEVEL SURVEILLANCE - IOT, WEARABLES, AND ZERO EFFORT TECHNOLOGIES

Smart home technologies have become part of our daily lives and a wealth of untapped data is at our disposal. Through industry-government-academia collaborations, the UbiLab has developed a research program combining data from smart thermostat manufacturer (ecobee) with population-level health surveillance indicators from the Public Health Agency of Canada to improve data collection methods and develop novel surveillance mechanisms for sleep quality, physical activity, and sedentary behaviour. In this presentation, Dr. Morita will describe the use of smart home technologies for remote patient monitoring and population-level surveillance in the Canadian context.

### PLINIO MORITA

Dr. Plinio Morita is an Assistant Professor at the School of Public Health and Health Systems at the University of Waterloo and the J.W. Graham Information Technology Emerging Leader Chair in Applied Health Informatics. Dr. Morita also holds appointments as an affiliated scientist at the Centre for Global eHealth Innovation, Techna Institute, University Health Network; as an Assistant Professor at the Institute of Health Policy, Management, and Evaluation, University of Toronto; and as a Research Scientist at the Research Institute for Aging.

Dr. Morita is the Director of the Ubiquitous Health Technology Lab (UbiLab). The vision at the UbiLab is to leverage mHealth, wearables, and IoT sensors for individual- and population-level public health surveillance. The UbiLab's multidisciplinary team researches, designs, develops, and evaluates health technology that leverages persuasive design to deliver maximum reliability, minimal user burden, along with an outstanding user experience.

To attend RSVP via Eventbrite

Questions? Please contact [cbb@uwaterloo.ca](mailto:cbb@uwaterloo.ca) or [sarah.laferriere@grhosp.on.ca](mailto:sarah.laferriere@grhosp.on.ca)

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