



Pacific Institute *for the*
Mathematical Sciences

PIMS LUNCHBOX LECTURE

KRISZTINA VASARHELYI

24 February, 2016

12:00 pm

UBC at Robson Square

The University of British Columbia

SYSTEMS MODELING FOR HIV HEALTH SERVICE DELIVERY

Krisztina Vasarhelyi
(IMPACT-HIV and SFU
Health Sciences)



Public health program managers and policy makers are regularly faced with complex decisions that affect the health and well-being of the public. Mathematical models and operations research tools can be used to consider diverse interacting factors, such as the epidemiology and clinical aspects of a condition, delivery methods of health services, and constraints on budget and resources. Creating reliable, data-driven models that are tractable and useful for informing policy decisions requires close collaboration of stakeholders and mathematicians.

This presentation will describe a health systems modeling project to inform the delivery of HIV health services in Vancouver, which illustrates the promise, challenges and rewards of cross-sector collaborations and offers possible avenues for the expanded use of modeling in public policy.

WEBSITE & REGISTRATION: www.pims.math.ca/industrial-event/160224-pllkv

(A light lunch will be served before the lecture. Please RSVP)