



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

Age stratified SEIR models of social distancing and relaxation scenarios in COVID 19
with Mark Lowerison, PhD Candidate, Community Health Sciences, Biostatistics

Friday, May 22, 2020 - 12:00 to 12:50 p.m.

Zoom - Register here:

https://ucalgary.zoom.us/webinar/register/WN_XA2CDpiXTGupsm5PPI_LAw

Mark Lowerison will review and discuss a series of city level models of COVID-19, strategies to model the impact of social distancing and projections of the impact of the relaxation of social distancing policy. Canadian, American and Indian city examples will be presented.

Objectives:

- To discuss challenges with traditional epidemic models in real world applications. Calibration, Structure, Assumptions.
- To highlight challenges specific to COVID-19's age varied presentation and asymptomatic transmission.
- To explore and discuss differing relaxation scenarios in context of health system capacity and other factors.

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.

The recording will be archived and accessible for later viewing [here](#).