THE DEPARTMENT OF EPIDEMIOLOGY, BIOSTATISTICS AND OCCUPATIONAL HEALTH, - SEMINAR SERIES 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

LAURA C. ROSELLA, PhD

**Principle Investigator and Scientific Director
Population Health Analytics Lab
Assistant Professor, Dalla Lana School of Public Health, University of Toronto**

Using multi-linked health data to inform population health

MONDAY, 16 OCTOBER 2017 / 4:00 pm – 5:00 pm
McIntyre Medical Building

3655 promenade Sir William Osler – Meakins Rm 521

ALL ARE WELCOME

ABSTRACT

Increasingly we have access to more health data and are able to like across multiple types of data sources. While useful for etiological and health services research, these data also have the potential to influence population health planning and inform strategies to improve the sustainability and equity of the health system. This talk will review three key areas of research, which makes use of linked health data, and provide examples of how this research is being directly applied to inform population health in Ontario. The three specific applications presented are: Population predictive models, population health determinants health care costs, and linked mortality data.

OBJECTIVES

1. To learn about a range of linked population health, social and demographic databases in Ontario;

2. To review examples of how these data are being used to develop population risk tools and to address inequities in the health care system;

3. To discuss the pragmatic and methodological challenges of working with these databases.

BIO

Dr. Laura Rosella, is the Principal Investigator and Scientific Director of the Population Health Analytics Lab. She is an Assistant Professor in the Dalla Lana School of Public Health at the University of Toronto, and holds scientific appointments at the Institute for Clinical Evaluative Sciences (ICES) and Public Health Ontario (PHO). She also holds a Canada Research Chair in Population Health Analytics. Her research interests include population health, population based risk tools to support public health planning, and public health policy.

For more info please visit: http://pophealthanalytics.com/