



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

GIS & EMS – Utilizing Geospatial Data for EMS Response & Planning

Speaker: Tyler Selby

**Friday, March 16, 2018 - 12:00 to 12:50 p.m.
G500 - Health Sciences Centre, 3330 Hospital Dr NW**

Geographical Information Systems can be used to modernize and increase efficiency for almost any industry. This presentation details how Alberta Health Services (AHS) in Emergency Medical Services (EMS), leverages GIS technology to provide effective EMS call taking and dispatching for all Alberta residents. This is extended into post event analysis, as well as future demand modelling to effectively plan for potential EMS system demands in the future.

Tyler Selby is the GIS Manager of Alberta Health Services, in EMS dispatch. He is responsible for a GIS team that produces geospatial products and services used by EMS dispatchers and EMS field staff province wide. The GIS group is part of the larger System Status Management (SSM) team that is tasked to provide effective systems management for EMS dispatch operations. Tyler has 13 years of experience in the GIS industry including experience in both private and public environments. Tyler has worked for EMS dispatch since 2013, and works with a variety of departments within AHS including Emergency & Disaster management, facilities, and Health Research.

Objectives:

1. Introduce Geographic Information Systems (GIS)
2. Introduce the concept of adding geospatial context to health the EMS research
3. Identify measureable results based on GIS analysis

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

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This session will not be recorded for later viewing at the request of the speaker.