



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

Type and Proximity of Green Spaces are Important for Preventing Cardiovascular Morbidity and Diabetes

Speaker: Roland Ngom

Friday, April 7th, 2017 - 12:00 to 12:50 p.m.

G500 – Health Sciences Centre, 3330 Hospital Dr NW

In a context of climate change and aging societies, green spaces offer ecological and social services of great benefit. Green spaces could be used in primary prevention to reduce the burden of many non-communicable diseases and alleviate the pressure on public health infrastructures. This presentation examines the role of proximity to specific types of green spaces. It also addresses the spatial location of the green spaces in relationship to the most morbid cardiovascular diseases (CVD) and diabetes in both Montreal and Quebec Census Metropolitan Areas (CMA). It also demonstrates how environmental injustice related to green gentrification may lead to inequity in health.

Roland Ngom is a Research Associate and GIS Senior Analyst in the Department of Research and Innovation at Alberta Health Services. He received his Ph.D. in Medical Geography from the University of Heidelberg in Germany and a Masters in GIS from University of Caen in France. Prior to joining Alberta Health Services, he worked in Quebec on various projects pertaining to environmental health, climate change and adaptation to climate change.

Objectives:

1. The role of environmental services in reducing cardiovascular diseases and diabetes
2. The role of GIS in measuring the spatial insertion of green spaces and spatial structuration of cardiovascular diseases
3. Environmental injustices and inequity in health

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 AdobeConnect session: To attend the seminar from another location via your computer, click on this link:

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Enter as a guest. You may join the session at any time. It is advisable to test your audio before the seminar starts. The AdobeConnect session will be archived and accessible for later viewing at:

<https://www.obrieniph.ucalgary.ca/events/chsobrien-institute-seminar-series>