

Special Seminar

Dalla Lana School of Public Health

Monday March 1, 2010

11:00am to 12:00pm, Room 108

An overview of occupational and environmental health studies conducted in Scotland, Nova Scotia and Africa: highlighting methodological and data analysis treatments

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Atlantic RURAL Centre / Community Health & Epidemiology Dalhousie University

Seminar description:

An important consideration often face when conducting occupational and community exposure studies is determining the source contribution to the total air pollution mix that an individual or community is exposed to. Understanding the source contribution to the total air pollution burden is integral to understanding potential health outcomes, exposure risk factors and how to mitigate exposure in occupational and community settings. This presentation will provide examples of sampling methodologies and data analysis treatments used in a number of occupational and environmental health studies conducted in Scotland, Nova Scotia and Africa.

Guest Speaker Biography:

Formerly an assistant professor in Environmental Health at the University of Strathclyde, Dr. Mark Gibson is currently a Senior Research Scientist with the Atlantic RURAL Centre in the Department of Community Health and Epidemiology at Dalhousie University. Dr. Gibson's research focus centres on the multimedia exposure assessment, control and health effects of toxic agents in occupational and community settings, with a special focus on the source apportionment of atmospheric aerosols and associated gases. He manages the Centre's Environmental Health Laboratory based at the National Research Council in Halifax. Dr. Gibson is a member of the Nova Scotia, Air Quality Health Index implementation committee and the Health Canada, Health and Environment Experts group for the Canadian Longitudinal Study on Aging. He received his PhD in Environmental Health from Strathclyde, investigating the source apportionment of PM₁₀ in Glasgow, Scotland and also holds an MSc in Environmental Chemistry from the Department of Pure and Applied Chemistry at Strathclyde.

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