



JOHNS HOPKINS
BLOOMBERG
SCHOOL OF PUBLIC HEALTH

Department of Biostatistics

BIostatISTICS SEMINAR

Measurement Challenges in Built Environment Health Effects Studies

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ABSTRACT:

The presence of specific features in the built environment, for example food outlets and/or recreation centers may impact diet and physical activity, thereby affecting the subsequent risk of important health conditions like cardiovascular disease. However, methodological challenges make it difficult to identify the true impact of the built environment on individual behaviors. These challenges include measurement issues including geocoding error and unknown geographic and temporal scales that are relevant for quantifying exposures, as well as lack of knowledge regarding how to measure specific causal mechanisms involved in built environment health effects. This talk will discuss innovative applications of statistical methods to address measurement challenges in this area, as well as touch on how mixed methods research can inform causal mechanisms and thus the development of improved exposure assessment methods.

Johns Hopkins Bloomberg School of Public Health, Department of Biostatistics
Monday, November 18, 2019, Room W2008 (Refreshments 12:00pm)

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