PUBLIC HEALTH DATA SCIENCE:
NOVEL APPROACHES TO CHARACTERIZING HEALTH

MONDAY, NOVEMBER 21
12-1PM
TRENT HALL, 040

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Modern public health research often relies on data with complex structures. For example, predictors of interest may be growth curves measured over time, exposures to highly-correlated environmental chemicals, or membership in rare groups. We will consider a variety of complex health studies, with a common focus on longitudinal or clustered data. In particular, we examine statistical models for longintudinal patterns of weight change and their association with diabetes risk in the China Health and Nutrition Survey before turning our attention to a study of disparities in birth outcomes as a function of maternal ethinic ancestry. Interesting substantive and statistical questions are highlighted in each example.

Lunch will be provided.

Add to calendar   **Join via livecast**

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