

Time: Tuesday May 3rd, 2011 3:30pm
Location: Buchanan A202

**Modeling the Dynamics of Latent TB in Canada and Evaluating
Intervention Strategies for TB Control**

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It is estimated that the overall incidence of Tuberculosis (TB) in Canada was 5.2/100 000 person-years in 2002. However, the incidence of TB among the foreign-born was 19.4/100 000 person-years and accounted for 67% of all reported cases in Canada in 2002. Is there an effective strategy that can reduce TB cases in Canada? This important public health question was addressed by integrating real-data into a system of ordinary differential equations to describe the baseline dynamics of TB among the foreign-born in Canada. Various intervention strategies aimed at reducing TB were evaluated based on incidence rate reductions from the baseline model.

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