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**Title of presentation:** Criminal Movement and the Dynamics of Hot Spots in Metro Vancouver

**Abstract**

In this presentation, we explore the dynamics of crime in Vancouver. This research sheds light on how criminals move around in a city many of us call home. Specifically, we share the basic foundations of our model and how it predicts crime to a reasonable degree. We also discuss how it helps us visualize the dynamics of hot spots in the city. Finally, we present the results of simulations and discuss our future research.