
STATISTICS SEMINAR

UW-Department of Statistics

www.stat.wisc.edu



TITLE: Urban Analytics in Philadelphia

Speaker: Shane Jensen

Statistics Professor
Wharton School
University of
Pennsylvania

Time & Place:

Wednesday,
November 6, 2019

4:00, Room 140

Bardeen

Cookies & Coffee @

3:30, Rm 1210 MSC

Abstract: How can we use data to understand and improve our cities? Urban analytics has recently been improved through publicly available high resolution data, allowing us to empirically investigate urban design principles of the past half century. We are exploring how safety in Philadelphia relates to local neighborhood features such as land use zoning and business activity, as well as economic measures and population density. I will discuss matching analyses of the relationship between the built environment and safety as well as spatial modeling of the change in crime over the past decade. Philadelphia is an interesting case study for this work with its recent population growth and substantial urban development.

