



**Summer Program on Transportation Statistics
August 14-18, 2017**

Lecture: *Statistical Issues of Evaluating Traffic Safety Using Naturalistic Driving Study*

Speaker: Feng Guo

Abstract:

This talk will focus on challenges in analyzing naturalistic driving study (NDS) from the perspectives of epidemiological design, causal inference, recurrent event models, and other related issues such as crash surrogates. The application of NDS to autonomous driving safety evaluation will also be discussed.