

# GRADUATE SEMINAR

**Name: Haruna Ismaila**

**Title: On the Uniformly Most Powerful Test  
for Distinguishing Between Lifetime  
Distributions**

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Date: Tuesday, March 28, 2017

Time: 3.15 – 4.15 pm

Location: CL 313

**Abstract:** Generalized Gaussian, Gamma and Weibull distributions are the most popular in analyzing skewed lifetime data. They have many similar properties. Nevertheless they are some differences among these distributions, especially when the lifetime data is used for an analysis of the tail of a distribution. It will be more efficient if we can select the correct distribution for the given data. Therefore in this talk I will introduce uniformly most powerful test statistic for distinguishing these distributions and discuss about the main characteristic properties of the test statistic.

