

**Indiana University-Purdue University
Indianapolis**
Department of Mathematical Sciences

STATISTICS SEMINAR

12:15pm—1:15pm, Tuesday, April 02, 2019
LD 265

Speaker: Dali Zhou
Department of Mathematical Sciences, IUPUI

Title: FDA internship report – About FDA, Automation Tool,
NLP and CRMST

Abstract:

This talk will be an internship report. In this talk, I will briefly introduce about FDA, my internship projects at FDA and some job searching tips. I joined mainly three projects during my last year's internship, one is developing the Automated Biopharmaceutics Tool under CDER/OPQ, which is a powerful tool with a web interface that could save biopharm reviewer's time and make the biopharm review process more efficient. This tool has four main tabs with multiple subtabs, including data retrieval tool, data analyzing tool, PDF parsing tool etc. The second one is applying natural language processing to ECTD and Mercado PDF files to perform text classification and text clustering. The third project is the Conditional Restricted Survival Time Estimation joint with CDER/OTS.