



Teaching Statistics Seminar
Challenges for Independent Student Project:
A Perspective for the Teacher

Layla Guyot, Amanda Walker, Alex White

Friday April 27, 2018
2:00 – 3:00 PM
DERR 338

Abstract: Including independent student projects in an introductory statistics course allows students to engage in the process of data analysis by applying and connecting concepts learned throughout the semester (Chance, 2002). Course projects provide opportunities for the students to investigate data in a context that is meaningful to them and practice statistical analysis. From our experience, students may face different obstacles during the data analysis process such as posing ambitious statistical questions, collecting data from reliable sources, or going beyond the scope of the course. These challenges require the teacher to be an expert in many different fields.

In this talk, we will discuss case studies of student independent projects and a group of students currently enrolled in an introductory statistics course will present their project for the semester Spring 2018.

Layla Guyot is a Doctoral Teaching Assistant at the Department of Mathematics

Amanda Walker is a Senior Lecturer at the Department of Mathematics

Dr. Alex White is an Associate Professor of Mathematics Education at the Department of Mathematics, Texas State University