

## Statistics Seminar

Friday, April 28, 2023

12:00 – 1:00 PM

DERR 325

### Group Presentations of Student Projects in MATH 5345/7335.

Three groups of students will make a 15-minute presentation followed by a 5-minute Q & A.

**Abstract:** Linear regression and logistic models are the most commonly used statistical models in applications. Three groups of students from MATH5345/7335 will present their course projects using data sets from various disciplines:

1. **Jialong and Bridget** use experimental data from North Carolina to study the relationship between important soil characteristics and the biomass of the soil.
2. **Michael, Nicolas and Kaarin** analyze data provided by the World Health Organization to investigate the association between life expectancy and many potential predictors such as immunization rates, mortality rates, alcohol consumption rates, amounts spent on healthcare, population, GDP, and schooling.
3. **Kate, Stephanie and Dharmanie** conduct a discriminant analysis to classify two groups of eye movements based on four descriptive features from experimental data.