



Department of Mathematics

Fall 2022

Colloquium Series

What's Best? An Introduction to Model Selection and Causal Diagrams

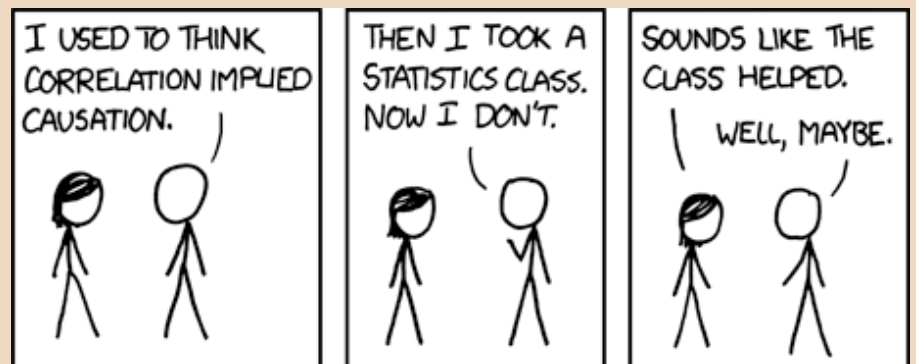
With Rosanna Overholser

If you've ever taken a stats class, you've probably heard the phrase "correlation is not causation". Since many interesting research questions are about causes and effects, but statistical methods are limited to mere correlations, one might wonder how best to use data to answer questions about causation. The ideal solution, the randomized controlled trial, is not always feasible. In this talk, I'll introduce causal diagrams as a tool for decomposing correlation into parts that are interesting and parts that are not. These diagrams can be used as a preliminary step in modeling data collected from observational studies and should be a part of every data scientist's toolkit.

Thursday, September 22,
2022

4:00 pm

BSS 166



FOR MORE INFO GO TO [HTTPS://MATH.HUMBOLDT.EDU/GET-INVOLVED/MATHEMATICS-COLLOQUIUM](https://math.humboldt.edu/get-involved/mathematics-colloquium)
WE CORDIALLY INVITE YOU TO THE PRE-COLLOQUIUM TEA ON THE THIRD FLOOR
OF BSS AT 3:30 PM