# Applied Economics (APEC) Skill Series

### FALL 2023 SERIES PRESENTS: MATT BOMBYK PHD STUDENT

## Advancements in the Difference in Differences Literature



**Time:** 

Wed. Dec. 6th, 2-3PM CT

**Place:** 

119 Ruttan Hall

#### Zoom Option:

https://umn.zoom.us/j/98749918936

#### **Details:**

https://apecseminar.github.io/

#### ABSTRACT:

In this presentation, I will introduce the key concepts and foundational papers of the Difference-in-Difference (DID) "revolution" that has occurred in the past five years in econometrics. The focus will be on assumptions needed to use two-way fixed effects (TWFE) models for estimating DID and event study models, the importance of "clean control" units, and treatment effects that are heterogeneous on multiple dimensions. Alternative estimation methods that solve the problems with TWFE will be discussed and compared. The most important papers in the literature will be briefly summarized and additional resources provided for further study.