

# Connor Dowd

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## Education

- PhD University of Chicago - Booth School of Business *2015-2020?*  
*PhD Candidate in Econometrics and Statistics*
- BSc (Hons) University of St. Andrews *2011-2015*  
*Economics and Statistics*

## Research Interests

- Areas Causal inference, nonparametric tools, structured data, energy policy, financial decisions
- Ongoing Projects Synthetic Controls with Spillovers — Ensemble-building in time series — Cross validation with dependent errors — ECDF based randomization tests — Using data structure in random forests — Wait time based tools for spotting the 'hot hand' in basketball — Student loans and mortgages — Optimally Constructing Tax policy predictions — Line/Grid interference in experimental data

## Recent Research Experience

- 2017 *Research Assistant* *Energy Policy Institute at Chicago – India*  
– Evaluating energy curtailing in rural areas.  
– Started an experiment on the effect of microgrids  
– Helped with a project looking at evaluating pollution
- 2017 *Research Assistant* *Professors Chris Hansen and Max Farrell*  
– Evaluating treatment policies under heterogeneous effects  
– Built out codebase to run analysis on any properly organized dataset
- 2016 *Research Assistant* *Social Enterprise Initiative (AKA Rustandy Center)*  
– Worked with a larger team to determine the scope of a data collection project  
– Found companies for project to survey, leveraging Booth & Wharton alumni  
– Evaluated research literature on ESG investments.

## Teaching Experience

- 2018 TA – PhD – New Developments in Public Finance *Professors Neale Mahoney, Seth Zimmerman, & Eric Zwick*
- 2016,2017,2018 TA – MBA, Executive MBA – Applied Regression Analysis *Professor Panos Toulis*
- 2016 TA – MBA – Advanced Microeconomic Analysis *Professor Kevin Murphy*
- Ongoing Tutor — MBA — Applied Regression Analysis, Business Statistics, Microeconomics, Advanced Microeconomic Analysis, Pricing Strategies