

Connor Dowd

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Education

- PhD University of Chicago - Booth School of Business *2015-2020?*
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, health policy
- Ongoing Projects Regression discontinuity under uncertainty — Policy creation with heterogeneous effect sizes — Cross validation with dependent errors — ECDF based randomization tests — Using known data structure to improve random forests — Building wait time based tools to detect the 'hot hand' in basketball — Using bayesian tools to improve estimates of autonomous car safety — Looking at relationships between tobacco and marijuana usage with an eye towards assessing effects on children.

Research Experience

- Ongoing *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*
– Worked with a larger team to determine the scope of a data collection project
– Found companies for project to survey, leveraging Booth & Wharton alumni
- 2014-2015 *Research Assistant* *Professor David Ulph*
– Compared wellbeing and happiness for the voluntarily and involuntarily unemployed
– Worked to make predictions from 'keeping up with the Joneses' model of utility
– Assessed compatibility of results from comparison and theory based predictions.
- 2014 *Intern* *Social Security Advisory Board*
– Worked with SSA's ORDP to evaluate the distributional effects of policy proposals regarding changes to the windfall elimination provision and the government pension offset
– Synthesized information on the Social Security marriage penalty
- 2013 *Intern* *No Labels*
– Built databases of all individuals running for national office based on FEC filings
– Assessed legal designations for political entities prior to the creation of the No Labels Foundation

Teaching Experience

- Spring 2017 *Teaching Assistant – Executive MBA* *Professor Panos Toulis*
Applied Regression Analysis
- Fall 2016 *Teaching Assistant – MBA* *Professor Kevin Murphy*
Advanced Microeconomic Analysis