

MAX GROSS

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Education

- Ph.D. Economics**, University of Michigan *Expected Apr 2020*
– Research fields: economics of education, labor economics, child welfare, public policy
- M.A. Economics**, University of Michigan *Dec 2015*
- B.A. Economics and B.S. Mathematics (with honors)**, University of Maryland *May 2014*

Data Management Skills

- Programming:** Stata (advanced), R (familiar)
- Research Assistant**, Education Policy Initiative *Sep 2016-Aug 2018*
– Managed administrative state education data containing millions of records for research use
– Streamlined data manipulation procedure to more efficiently create longitudinal database
– Standardized data fields like assessment scores to ensure consistency across reporting periods
– Prepared technical memos and codebooks to facilitate new user onboarding

Research Experience

- Causal Effects of Foster Care** *Sep 2017-Present*
– Designed rigorous study to assess causal impacts of intervention for vulnerable population
– Analyzed large administrative data to examine effects on child safety, education, and crime
– Presented at interdisciplinary seminars and conferences to communicate findings
- Summer Youth Employment Program Evaluation** *June 2017-Present*
– Performed impact evaluation of employment program to support stakeholder improvement efforts
– Employed matching, regression adjustment, and bounding methods to address selection bias
– Composed academic paper and non-technical policy brief for dissemination to multiple audiences
- Community Colleges and Course Availability** *Oct 2016-Present*
– Collaborated with team to examine how funding of higher education influences student outcomes
– Conducted regression discontinuity analysis to study over five million course registration records
- Child Maltreatment and Education** *Sep 2016-Nov 2018*
– Teamed with interdisciplinary researchers to determine prevalence of child abuse and neglect
– Assembled novel database linking statewide child welfare investigations to education records
– Contributed to data visualization to highlight maltreatment rates across schools and districts

Facilitation and Community Engagement

- Volunteer**, Avalon Housing After School Youth Development Program *Jan 2017-Present*
– Helped facilitate after school programming in supportive housing community
- Coordinator**, Causal Inference in Education Research Seminar *May 2018-Sep 2019*
– Organized over 50 seminars for students and faculty to present quantitative education research
- Teaching Assistant**, University of Michigan *Sep 2015-Aug 2016*
– Led six weekly discussion sections of 30 students for Introductory Microeconomics course

Honors and Awards

- Fellow**, IES Pre-Doctoral Program in Causal Inference in Education Policy Research *Sep 2016-Present*
- Recipient**, Bobbe and Jon Bridge Award for Engaged Scholarship (\$3000) *Jan 2018*
- Participant**, Workshop on Quasi-Experimental Design and Analysis *Aug 2017*