

# MAX GROSS

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## Education

- Ph.D. Economics**, University of Michigan *Expected Apr 2020*  
– Research fields: economics of education, labor economics, 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

- Foster Care Study** *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
- Detroit 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 Project** *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 Project** *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

- Coordinator**, Causal Inference in Education Research Seminar *May 2018-Present*
- Organized 50+ seminars for faculty and students to present quantitative education research
- Volunteer**, Avalon Housing *Jan 2017-Present*
- Helped facilitate after school programming for children in supportive housing community
- Graduate Student Instructor**, University of Michigan *Sep 2015-Aug 2016*
- Led six weekly discussion sections of 30 students for Introductory Microeconomics course

## Honors and Awards

- Fellow**, Training 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*