

# W. Jesse Wood

📞 334-707-6394  
✉ woodwil2@msu.edu  
🌐 wjessewood.com

## Education

- Ph.D. **Economics**, *Michigan State University*, expected April 2022.  
*Dual Major with Economics of Education*
- M.A. **Economics**, *University of Texas, Austin*, May 2016.
- B.S. **Applied Mathematics**, *Auburn University*, *summa cum laude*, May 2015.  
*Minor in Business*

## Relevant Experience

- 2016-Present Graduate Assistant, *MSU*
- Led research projects to study the distributional effects of teacher quality for students with disabilities
  - Designed and utilized econometric procedures to estimate causal relationships aimed at improving equity and overall teacher quality in various U.S. school districts
  - Wrote quantitative research papers for publication in peer-reviewed journals
- 2017-2021 Research Assistant, Education Policy and Innovation Collaborative, *MSU*
- Processed, maintained, and analyzed administrative panel datasets for multiple school districts across the U.S.
  - Incorporated recent advances in staggered treatment causal analysis techniques to identify the impacts of school choice on educational outcomes
  - Generated value-added measures of teachers to study the distribution of education quality across special education and general education students
  - Populated and presented figures conveying descriptive statistics of Michigan public schools
- Summer 2019 Teaching Assistant, Intro to Econometrics, *American Economic Association Summer Program*
- Taught advanced econometric methods to students interested in pursuing graduate research in economics
  - Mentored underrepresented minority college students regarding their interest in economics graduate school
- Summer 2016 Economics Instructor, *Johns Hopkins Center for Talented Youth*
- Taught several college-level courses in microeconomics and game theory
- Spring 2016 Student Research Assistant, Prof. Cynthia Osborne, *UT-Austin*
- Transcribed, coded, and reformatted qualitative interview data
  - Cleaned and maintained survey data using Dedoose data management software
- 2010-2016 Technical Engineer Specialist, *U.S. Army*
- Led a team of engineers in designing airfields, roads, and tank trails for U.S. Army bases
  - Presented plans for approval to high ranking military officers

## Publications

- 2021 Teacher Quality Gaps by Disability and Socioeconomic Status: Evidence From Los Angeles. *Educational Researcher*, 50(2):74-85. with Lai I, Imberman SA, Jones ND, & Strunk KO.

## Working Papers

**Job Market Paper:** "Student-Teacher Race Matching on Student Learning Skills and Behavioral Outcomes"

"Effects of School Openings and Inter-District Choice: Evidence from Michigan" (with Danielle Edwards-Sanderson & Joshua Cowen).

"Are Effective Teachers for Students with Disabilities Effective Teachers for All?" (with Ijun Lai, Scott Imberman, Katharine Strunk, & Nathan Jones).

"Student-Teacher Race Match Effect: Student with Disability Identification"

## Conference & Seminar Presentations

- 2021-2022 Association for Public Policy Analysis & Management Fall Research Conference (Scheduled), Missouri Valley Economic Association, Southern Economic Association
- 2020-2021 Human Capital, History, Demography, & Development (H2D2) Research Day (Poster), Association for Public Policy Analysis & Management Fall Research Conference, Association for Education Finance & Policy Annual Conference
- 2019-2020 Association for Public Policy Analysis & Management Fall Research Conference, Association for Education Finance & Policy Annual Conference
- 2018-2019 Association for Education Finance & Policy Annual Conference

## Research Experience

- 2019-2021 Graduate Assistant, Education Policy and Innovation Collaborative, *MSU*
- 2019-2021 Graduate Assistant, National Center for Research on Education Access and Choice, *MSU*
- 2017-2020 Research Assistant, Prof. Katharine Strunk, *MSU*
- 2016 Student Research Assistant, Prof. Cynthia Osborne, *UT-Austin*
- 2015 Research Assistant, Prof. Kevin Phelps, *Auburn*

## Teaching Experience

- Spring 2021 Teaching Assistant, EC201 Introduction to Microeconomics, *MSU*
- Fall 2020, Summer 2018, 2019, 2020 Teaching Assistant, EC485 Economics of Education, *MSU*
- Summer 2019 Teaching Assistant, Introduction to Econometrics, *American Economic Association Summer Program*
- Fall 2017 Teaching Assistant, EC202 Introduction to Macroeconomics, *MSU*
- Spring 2017 Teaching Assistant, EC301 Intermediate Microeconomics, *MSU*
- Fall 2016 Teaching Assistant, EC302 Intermediate Macroeconomics, *MSU*

Summer 2015 Instructor, Introduction to Game Theory, *Johns Hopkins Center for Talented Youth*

## Awards, Honors, & Service

- 2021 Equity and Inclusion Fellowship, *APPAM*
- 2021 Dissertation Completion Fellowship, *MSU*
- 2017 Veterans Affairs Fellowship, *MSU*
- 2015 Department of Economics Merit Scholarship, *UT-Austin*
- 2014 Army Achievement Medal, *U.S. Army*
- 2011 Sapper Spirit Award (Advanced Individual Training Top Graduate), *U.S. Army*

## Skills & Proficiencies

### Proficient

Stata, Matlab, Excel, LaTeX, AutoCAD

### Working Knowledge

SQL, R, Python, Gauss, ArcGIS

### Research Designs

Difference-in-differences, Event Study, Instrumental Variable, Fixed Effects

### Econometric Modeling

Factor Analysis, Cox Proportional Hazard, Poisson Count Data, Discrete Choice

## References

### Prof. Scott Imberman

Department of Economics and  
College of Education  
Michigan State University  
✉ [imberman@msu.edu](mailto:imberman@msu.edu)  
☎ 517-355-4667

### Prof. Jeffrey Wooldridge

Department of Economics  
Michigan State University  
✉ [wooldri1@msu.edu](mailto:wooldri1@msu.edu)  
☎ 517-353-7972

### Prof. Todd Elder

Department of Economics  
Michigan State University  
✉ [telder@msu.edu](mailto:telder@msu.edu)  
☎ 517-355-0353

### Prof. Katharine Strunk

College of Education  
Michigan State University  
✉ [kstrunk@msu.edu](mailto:kstrunk@msu.edu)  
☎ 517-884-6289