

# HAOYI WEI

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## EDUCATION

University of Kansas, Department of Economics, 2017-present

Ph.D. Candidate in Economics

Thesis Title: *“Essays on Gun and Marijuana”*

Expected Completion Date: May 2022

University of Minnesota Duluth, Labovitz School of Business and Economics

Bachelor of Arts, Magna Cum Laude, December 2016

Major: Economics

Minor: Mathematics

Dean’s List for Academic Excellence, 5 out of 5 semesters

Shanxi University

Bachelor of the Arts, December 2016

Major: Economics

## FIELDS OF SPECIALIZATION

Applied Microeconomics

Health Economics

Law and Economics

Economics of Education

## RESEARCH PAPERS

*“Do Stand-Your-Ground Laws Increase or Decrease Traffic Fatalities?”* (Job Market Paper)

**Abstract:** Historically, one has a duty to retreat before applying lethal force in self-defense. From 1994 to 2021, 31 states implemented stand-your-ground (SYG) laws to remove the retreat requirement in one’s vehicle or any place one is legally present. The laws could potentially increase gun prevalence on the road, decrease the expected cost of applying deadly force behind the wheel or raise the expected cost of aggressive driving and road rage. This paper is the first to evaluate the impact of SYG laws on traffic fatalities. Using state-level traffic fatality data and an event study approach, I find that the implementation of SYG laws is associated with a 3% increase in total traffic fatalities. The legalization raises the aggressive driving fatalities by 12% in the first year of implementation. In addition, the laws are associated with increases in both gun ownership and road rage crime. The evidence in this paper suggests broader impacts of SYG laws on public health than initially considered.

## WORKING PAPERS

*“Campus Concealed Carry Laws and Higher Education Outcomes,”* Working Paper

*“Medical Marijuana Laws and Abortion Rates,”* Working Paper

*“Medical Marijuana Laws and Youth Crime,”* Work in Progress

## **AWARDS AND HONORS**

- Doctoral Research Fellows, Institute for Policy & Social Research, University of Kansas, 2021-22
- University of Kansas Graduate Studies Summer Research Scholarship (30 recipients university-wide each summer), \$6000, 2021
- Department of Economics Charles W. Oswald Award, \$3000, 2021
- Passed with Distinction Ph.D. Oral Comprehensive Exam, 2021
- Department of Economics Summer Fellowship, University of Kansas, \$2000, 2018

## **RESEARCH EXPERIENCE**

**Research Assistant**, Center for Philosophy of Science and Technology of Shanxi University, 2014

*Responsibilities:* Surveyed and interviewed people in eight villages and two towns in Liulin County, Shanxi, PRC, about their idea towards the economic development in the heavily polluted county Liulin.

## **CONFERENCES**

Presenter, nominated by KU Department of Economics, Southern Economic Association Conference Graduate Student Invited Sessions, Houston, TX, November 2021

Presenter and Discussant, Midwest Economics Association Conference, virtual, October 2021

Presenter and Discussant, Missouri Valley Economic Association Conference, virtual, March 2021

## **TEACHING EXPERIENCE**

### **Course Instructor**

Principles of Macroeconomics, in-person, Spring 2021

*Course Description:* An analytical introduction to macroeconomics. Topics include determination of aggregate income, employment, inflation, exchange rates, and the role of fiscal and monetary policy in dealing with unemployment, inflation, and economic growth.

*Responsibilities:* Taught an enhanced introductory course in macroeconomics with ten students which met in-person four times a week. Presented the course material three times a week, led discussion sessions solving in-class problem sets once a week. Held regular/extended office hours and taught exam review sessions.

### **Teaching Assistant**

Introduction to Econometrics, hybrid class, Fall 2021

*Responsibilities:* Led 75-minutes in-person problem-set-solving courses for 18 students biweekly. Designed and recorded biweekly 45-minutes STATA practice videos for students. I was responsible for explaining course materials, teaching additional material related to STATA, holding regular office hours, reviewing, proctoring and grading exams.

Introduction to Macroeconomics, Fall 2019 - Fall 2020

*Responsibilities:* Head Graduate Teaching Assistant. Coordinated with professor and other GTAs, designed and taught review sessions for big lectures with over 100 students twice per semester, and led problem-set-solving courses for class with 25 students three times a week. I was also responsible for holding regular office hours, proctoring and grading tests.

Introduction to Macroeconomics, Fall 2018 - Spring 2019

Introduction to Microeconomics, Fall 2017 - Spring 2018

*Responsibilities:* Led three-hour ECON Labs each week. I offered one-on-one instruction, tutoring, and opportunities to work in small groups. I was also responsible for grading assignments and tests.

## **PROFESSIONAL ORGANIZATION**

American Economic Association (AEA)

Southern Economic Association (SEA)

Midwest Economics Association (MEA)

Missouri Valley Economic Association (MVEA)

## **COMPUTER SKILLS**

STATA, R, Eviews, SPSS, and L<sup>A</sup>T<sub>E</sub>X

## **LANGUAGE SKILLS**

Mandarin (Native), English (Fluent) .

## **CITIZENSHIP**

China

## **REFERENCES**

### **Professor Donna Ginther**

Professor of Economics  
(Dissertation Chair)  
Department of Economics  
University of Kansas  
Email: dginther@ku.edu  
Phone:(785)864-3251

### **Professor David Slusky**

De-Min and Chin-Sha Wu  
Associate Professor  
Department of Economics  
University of Kansas  
Email: David.slusky@ku.edu  
Phone:(785)864-3501

### **Professor Jo Lugovskyy**

Director of Undergraduate  
Studies  
Department of Economics  
University of Kansas  
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