Sichao Jiang

University of Oregon
Department of Economics
525 Prince Lucien Campbell
Eugene, OR 97403

Phone: (510)-384-8585
Fax: (541)-346-5026
Email: sichaoj@uoregon.edu

Education

Ph.D. Economics, University of Oregon, *expected* 2022.

M.S. Economics, University of Oregon, 2018.

B.S. Mathematics, Economics, Texas Tech University, 2017.

B.S. Mathematics, Lanzhou University, 2012-2014.

Fields of Interest

Industrial Organization, Applied Econometrics, Applied Microeconomics

Academic Experience

University of Oregon, Department of Economics

Independent Instructor,

Issues in Industrial Organization, Spring 2021 (Scheduled).
Introduction to Micro Economics, Winter 2021 (Scheduled).
Urban & Region Economics, Fall 2019.
Issues in Industrial Organization, Summer 2019.

Teaching Assistant,

Introduction to Econometrics (II), Edward Rubin, Spring 2020.
Introduction to Econometrics, Amna Javed, Winter 2020.
Introduction to Macro Economics, Melissa Wilson, Spring 2019.
Introduction to Micro Economics, Kyle Raze, Winter 2019.

Texas Tech University, Department of Mathematics and Economics

Mathematics and Economics Tutor, University Learning Center, Jan 2015 – May 2017.

Lanzhou University, Department of Mathematics

Research Assistant, Continued Fraction and its Application, Spring 2013.

Research

Working Papers

Exit Decisions in Canadian Grain Elevator Industry, with James Nolan, and Wesley W. Wilson.

Abstract: Grain elevators play a central role in the movement of grain to market and to rural economies in terms of employment and investment. Over the last three decades, the grain elevator industry in Canada has experienced a major decline in the number of elevators as older and technologically obsolete elevators have been replaced by larger and more technologically advanced elevators. We develop a model of exit in the Canadian grain elevation industry using data from 1999 to 2016 collected at the individual elevator level. Our specification explains elevator exit based on traditional variables used in the industrial organization literature such as capacity, multi-plant ownership, and vintage. But, we also include a measure of vertical linkage in the industry (i.e., elevator linkage to the freight transport sector) as well as spatial measures to account for local demand, supply and competition. The results provide strong evidence that exit in this key agricultural and trade industry is affected by whether an elevator is a recent entrant (vintage), its size, vertical linkages, local demand and supply conditions, and spatial competition.

Watching the Grass Grow: Does Recreational Cannabis Legalization Affect Labor Markets?, with Keaton Miller.

Abstract: Over the past several years, cannabis has become legal for recreational use in several U.S. states and jurisdictions around the world. The opening of these markets has led to the establishment of hundreds of cannabis production and retail firms with accompanying demand for labor, leading to concerns about spillover effects on wages from incumbents. We study the markets for agricultural and retail labor in Washington and Colorado, early legalizers with now-established cannabis markets. Using a synthetic control technique to account for the possibility of border-state spillover effects and machine learning techniques for data imputation and variable selection, we find that cannabis legalization is associated with a measurable increase in employees, but no increase in per-employee wages, even when we restrict to the categories of labor most similar to cannabis production and retail. We conclude that cannabis legalization is unlikely to negatively impact incumbent firms through the labor market channel.

A Study of the Modal Competitive Factors Among Truck, Rail, and Barge in Agriculture, with Wesley W. Wilson.

Work in Progress

Professional Activities

Research Consultant, Western Economic Association International, Sept 2020–Present.

Organizer, UO Microeconomics Group, 2019–2020.

Conferences and workshops attended:

AES Summer School on Structural Estimation, Virtual, July 27th - August 1st, 2020.

Western Economic Association International, Virtual, June 26–30, 2020.

Seminar on Federalism and Competition, Institute of Humane Studies, Arlington, Virginia, October 6–8, 2017.

Summer Seminar on Political Economics, Cato Institute, July 24–29, 2016.

Summer Seminar on "Exploring Liberty: Tools for the Passionate World-Exchanger", Institute of Humane Studies, Wake Forest University, July 7–11, 2016.

Referee for:

Economic Inquiry

Honors, Awards, & Fellowships

Economics Transportation Scholarship, University of Oregon, 2020

Graduate Teaching Fellowship, University of Oregon, 2018-Present.

Edward G. Daniel Scholarship, University of Oregon, 2018.

Kleinsorge Fellowship Award and Distinctive Scholar Award, University of Oregon, 2017.

Graduate School First-Year Fellowship, University of Oregon, 2017.

Miscellaneous

Computer Skills: R, LaTeX, Stata, Matlab, SQL, Python, C++.

Languages: Mandarin (native), English (full professional proficiency), German (elementary proficiency).

References

Prof. Wesley W. Wilson
University of Oregon
470 PLC
Eugene, OR 97403
☎ (541)-346-4690
✉ wwilson@uoregon.edu

Prof. Keaton Miller
University of Oregon
535 PLC
Eugene, OR 97403
☎ (541)-346-4653
✉ keatonm@uoregon.edu