



Eric Hsienchen Chu

212 N Bassett St
Madison, WI 53703

☎ +1 (608)334-7314
✉ hchu38@wisc.edu
🌐 hsienc.github.io
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EDUCATION

University of Wisconsin–Madison

Bachelor of Science, Economics(Honors) and Mathematics

*2021–Present**

GPA: 3.90/4.00

- PHD-LEVEL COURSEWORK: Microeconomics I & II sequence (First-year core), Econometrics I & II sequence (First-year core), Advanced International Economics I & II sequence (Second-year field), Asset Pricing Theory (Second-year field). Refer [here](#) for a detailed list.

RESEARCH INTERESTS

International Economics (Trade and Finance), Industrial Organization

RESEARCH PROJECTS

Trade Exposures in Local Pricing

Senior Honors Thesis

*Fall 2024–Present**

Elasticities of Related-party Trade

Junior Honors Proposal

Spring 2024

[\[Draft\]](#) [\[Slide\]](#)

RESEARCH EXPERIENCE

Independent Study: “Trade Exposure in Local Pricing”

Thesis advisors: Prof. Lydia Cox, Prof. Jesse Gregory

*Fall 2024–Present**

Madison, WI

- Investigate non-uniform “local pricing” under the uniform pricing pattern in DellaVigna and Gentzkow (2019), assessing the variations in trade cost pass-through and local pricing through lens of local bike shops (LBS)
- Scrape online price data to examine pricing patterns of LBS across the US and provide insights with this novel dataset, following the guidance of implementing unstructured data in Cavallo (2017) & Cavallo (2018)
- Construct county-level trade exposures and local demand elasticity by connecting the scraped LBS price data, 5-year American Community Survey (ACS) data, and the NielsenIQ panels

Research Assistant to Prof. Lydia Cox

Department of Economics, University of Wisconsin–Madison

*February 2024–Present**

Madison, WI

- Explore international trade by digitizing archived trade documents and producing analytical reports on agricultural trade metrics and patterns
- Develop Python codes for cleaning and verifying the United States Imports of Merchandise for Consumption (USIMC) data digitized by the AWS Textract services
- Develop Python codes for cleaning and preparing the USDA Global Agricultural Trade System (GATS) data & the USDA Production, Supply and Distribution (PS&D) data for research use

Independent Study: “Elasticities of Related-party Trade”

Main faculty advisors: Prof. Simeon Alder, Prof. Corina Mommaerts, Prof. Lydia Cox

Spring 2024

Madison, WI

- Estimated the trade elasticities of multinational enterprises (MNE) during the 2017-18 Trump administration tariff period, using Amiti et al.(2019) data and related-party trade records
- Followed the identification strategies in Fajgelbaum et al.(2020) & Amiti et al.(2019) and estimated the elasticities of related-party imports to be more elastic than arms-length counterparts
- Discussed the profit-shifting process of MNEs as a potential mechanism in why a higher elasticity and a more significant drop in import quantities in the short run are observed

Research Assistant to Dr. Reka Sundaram-Stukel

Department of Economics, University of Wisconsin–Madison

August 2023–December 2023

Madison, WI

- Worked with a team of research assistants on a local beer retail estimation (IO) and a sleep study (Health).
- Used R to clean and merge consumer panel data and scanner data provided through the Kilts Center NielsenIQ Marketing datasets
- Used R to merge American Time Use Survey and Irish Longitudinal Survey for well-being measures

Directed Study with Prof. Matteo Camboni
Department of Economics, University of Wisconsin–Madison

Spring 2023
Madison, WI

- Explored research in Microeconomic Theory specifically for market mechanism, searching, and network theory
- Modeled how candidate–candidate peer effects and department’s placement policy influence Job Market Candidates’ academic inclination and career choices (supermodular game) in the Econ Job Market
- Presented “A Network Approach to Academic Inclination and Placement” at Econ UGRD Research Showcase

Research Assistant to CALL–ECL Project
Wisconsin Center for Education Research (WCER)

January 2023–May 2024
Madison, WI

- Assisted CALL-ECL project to prepare equity-centered school leaders (ECPI program)
- Applied data cleaning skills of transforming survey and interview data for quantitative and qualitative research
- Conducted Social Network Analysis in R (*igraph*) to investigate leadership networks fostering equity in curriculums

Research Assistant to Ruo-Fan Liu
Department of Sociology, University of Wisconsin–Madison

June 2022–August 2023
Madison, WI

- Advanced organizational strategy and examined the use of merits in creating social closure in college admission
- Used R and Stata to analyze institutional exclusions and visualize results using administrative data
- Presented manuscripts “Inside the Black Box of College Admissions: How Universities Screen and Why Variation Matters” at RC28 2023 Summer Meeting.

AWARDS AND HONORS

Dean’s List
University of Wisconsin–Madison

All semesters
Madison, WI

Grainger Academic Excellence Scholarship
Department of Economics, University of Wisconsin–Madison

2023
Madison, WI

Undergraduate Scholarship for Summer Study
University of Wisconsin–Madison

2022, 2023, 2024
Madison, WI

MISCELLANEOUS

Presenter, RC28 2023 Summer Meeting
Session 5.1 – Education 2: Higher Education

August 2023
Ann Arbor, MI

Presenter, Inaugural Economics Undergraduate Research Showcase
University of Wisconsin–Madison

April 2023
Madison, WI

Editor-in-Chief, Equilibrium: The Undergraduate Journal of Economics
Department of Economics, University of Wisconsin–Madison

Vol.13, Vol.14
Madison, WI

Selected Participant, FODSI Summer School on Foundation of Data Science
Bryn Mawr College

July 2023
Bryn Mawr, PA

Board Member, Inaugural Economics Inclusion Board, Department of Economics
Department of Economics, University of Wisconsin–Madison

2023–Present
Madison, WI

Board Member, International Student Advisory Board
International Student Services, University of Wisconsin–Madison

2022–2023
Madison, WI

Team Member/Rider, The Brazen Dropouts Cycling Team

*August 2023–Present**

ADDITIONAL INFORMATION

Languages: English (fluent), Mandarin Chinese (native)

Programmings: Python (primary), Stata, R, L^AT_EX

Citizenship: Taiwan (F-1 Visa)