



Eric Hsienchen Chu

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EDUCATION

University of Wisconsin–Madison

2021–Present*

Bachelor of Science, Economics(Honors) and Mathematics

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

Fall 2024–Present*

Senior Honors Thesis

Elasticities of Related-party Trade

Spring 2024

Junior Honors Proposal

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

RESEARCH EXPERIENCE

Independent Study: “Trade Exposure in Local Pricing”

Fall 2024–Present*

Thesis advisor: Prof. Lydia Cox

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

February 2024–Present*

Department of Economics, University of Wisconsin–Madison

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”

Spring 2024

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

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

August 2023–December 2023

Department of Economics, University of Wisconsin–Madison

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)