



Eric Hsienchen Chu

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(December 2024)

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), International Trade & International Finance sequence (Second-year field), Asset Pricing Theory (WSB second-year field). Refer [here](#) for a detailed list.

RESEARCH INTERESTS

International Trade and Finance

RESEARCH PROJECTS

Trade Exposures in Local Retail 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 Retail 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) and modify the identification in Amiti and Heise (2024) to assess the effect of trade exposure to local retail prices
- Scrape online price to examine pricing patterns of local bike shops (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 by connecting the scraped LBS price data, US imports data, and 5-year American Community Survey (ACS) data

Independent Study: “Elasticities of Related-party Trade”

Main faculty advisors: Prof. Simeon Alder, 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 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

Directed Study with Prof. Jesse Gregory & Sarah Bass

Department of Economics, University of Wisconsin–Madison

Fall 2024–Present*

Madison, WI

- Explore household finance and applied microeconomics through the scope of equitation sales and consumption
- Develop Python codes for scraping Hunters, Jumpers, and Equitation data from current/archived BIGEQ platform
- Use Stata to compile data summary statistics, analysis, and preliminary figures for future research use

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

AWARDS AND HONORS

Grainger Academic Excellence Scholarship*Department of Economics, University of Wisconsin–Madison**2023, 2024*

Madison, WI

Dean’s List*University of Wisconsin–Madison**All semesters*

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, with Dr. Ruo-Fan Liu**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*

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)