

# WILLY (WEI-LI) CHEN

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## EDUCATION

### **The University of Chicago, Chicago, IL**

October 2019 - June 2020

*Master of Arts in Social Science; Concentration: Economics*

- Phoenix Research Award
- Director's Scholarship

### **The Ohio State University, Columbus, OH**

August 2015 - May 2019

*Bachelor of Science in Economics*

*Bachelor of Science in Theoretical Mathematics*

- GPA: 3.92/4.0 - 8 term Dean's List
- Summa Cum Laude with Research Distinction in Economics

## SKILLS & INTERESTS

- Interests: Public Economics, Policy, Social Services
- Skills: Standard Diff-in-Diff, Fixed-Effect, Probit, Logit, Tobit, Lasso, K/NN-Clustering
- Data Analytics and Econometrics: Stata, R, PostgreSQL, LaTeX
- Languages: Fluent in English, Taiwanese, and Chinese

## RESEARCH EXPERIENCE

### **The University of Chicago, Chicago, IL**

October 2019 – Present

*Graduate Student Researcher, MA Thesis Project*

- Managing independent research project examining immigration influx and the impacts on community
- Handling proposal, research design, data collection, statistical analysis, and writing

### **The Ohio State University, Columbus, OH**

May 2017 - May 2019

*Undergraduate Student Researcher, BA Thesis Project*

- Authored: "Fact Checking: An empirical analysis of the effect of sanctuary city policy"
- Cleaned and prepared raw data directly from the Census Bureau American Community Survey (ACS)
- Used city-year-fixed-effect regressions to conduct analysis on the effect of sanctuary city policy

### **Data Fest at The Ohio State University**

April 2019

*Research Team Member*

- Cleaned and prepared raw data from Canada Women's Sevens (rugby team) for analysis
- Collected dataset from individual players over 32 games for every 1/10<sup>th</sup> second (GPS tracking, X axis, Y axis, Z axis, and force vectors); Created personalized index for each player
- Created a new metric to track real-time physical toll in game to increase player output based on exertion
- Received Honorable Mention. Judges Choice

## STUDENT EMPLOYMENT

### **The University of Chicago, Chicago, IL**

October 2019 – Present

*Teaching Assistant, ECON20000/ECON20100*

- Instruct materials on basic microeconomic theory including: choice theory, elementary price theory.

### **The Ohio State University, Columbus, OH**

*Buckeye Student Leadership Academy Collegiate Mentor, University Admissions*

May 2018 - May 2019

- Used programming to help targeted high school juniors understand the college life
- Assist students through their college application and selection process

*Peer Leader, First Year Experience*

May 2016 - May 2018

- Use student data to provide tailored outreach and support for first-year students
- Facilitate discussions regarding topics surrounding social justice for first-year students
- Create community social and educational events for first-year students.

## PAPERS & PRESENTATIONS

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**W. Chen.** March 2019. *Fact Checking: An empirical analysis of the effect of sanctuary city policy.* Undergraduate Thesis, J. Chen (advisor), Department of Agricultural, Environmental, and Developmental Economics, The Ohio State University, Columbus OH. (unpublished thesis)

**W. Chen.** June 2018. *How to reach students in assessment surveys*, Keynote Speaker, Student Affairs Assessment Research Conference (Attended by about 300 academic scholars), The Ohio State University, Columbus OH.

**W. Chen.** April 2019. *Why College Football needs a 6-team playoff: Evidence in AP rankings and team strength*, Presented poster at the Sports and Society Initiative Undergraduate Research Fair, The Ohio State University, Columbus OH.

**W. Chen.** February 2019. *Fact Checking: An empirical analysis of the effect of sanctuary city policy*, Presented poster at the Denman Research Forum, The Ohio State University, Columbus, OH.

## SELECT COURSEWORK

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### Graduate

*Price Theory I (Murphy - PhD Level), Empirical Analysis (Shaik - PhD Level), Price Theory II (Reny – PhD Level), Empirical Analysis (Mogstad/Heckman - PhD Level), Social Interaction and Inequality (Durlauf - PhD Level), Household Decisions and the Market (Voena - PhD Level)*

### Undergraduate

*Applied Econometrics in R (Ruddy – Master's Level), Mathematical Methods in Economics (Miyazaki – Master's Level)*

## REFERENCES

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### Name: Joyce Chen

*Title: Associate Professor of Agricultural, Environmental, and Developmental Economics*

University: The Ohio State University

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### Name: Bruce Weinberg

*Title: Professor of Economics*

University: The Ohio State University

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Phone: 614-292-5642

### Name: Ryan Ruddy

*Title: Senior Lecturer of Economics*

University: The Ohio State University

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