**Wendan Zhang**

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[Personal Website](u.arizona.edu/~wzhang357/) [LinkedIn](https://www.linkedin.com/in/WendanZhang357/) [GitHub](https://github.com/Danny1127)

Education

**University of Arizona** Tucson, AZ Ph.D., May 2021 (expected)

Major: Economics Master’s degree, Dec 2017

Minor: Geographic Information Systems Technology (GIST)

**University of Wisconsin-Madison** Madison, WI Master’s degree, May 2016

Major: Mathematics

**Shanghai Jiao Tong University** Shanghai, China Bachelor of Science degree, June 2015

Major: Mathematics and Applied Mathematics

Minor: Business Administration, **East China Normal University** Shanghai, China

Fields

**Environmental and Energy Economics; Applied Microeconomics; Applied Econometrics;**

Working Papers

***Job Market Paper:***

[**Effects of Market Conditions, Environmental Regulations and Regulatory Uncertainty on Investment and Exit**](http://www.u.arizona.edu/~wzhang357/paper/WendanZhang_JMP.pdf)

*Other:*

[**Emissions from Coal-Fired Power Plant Retirements**](http://www.u.arizona.edu/~wzhang357/paper/WendanZhang_Emission.pdf)

[**Electric Vehicles are driven less: selection or substitution**](http://www.u.arizona.edu/~wzhang357/paper/WendanZhang_EV.pdf)

Research Assistant Experiences

**Measuring the Economic Consequences of Uncertainty** University of Arizona, AZ

Research Assistant to Prof. Ashley Langer and Prof. Derek Lemoine Summer 2017, 2018

• Made use of option data to reveal the market expectation for certain event

• Utilized Stata to provide empirical evidence for the project

**Computational Biochemistry Lab** University of Wisconsin-Madison Madison, WI

Research Assistant to Prof. Julie Mitchell 01/2015 – 07/2016

• Applied Machine Learning algorithms to data analysis and build models to describe patterns in DNA sequences

• Processed large data with High Throughput Computing (HTC), created graphs to visualize large data with Matlab, Python, and R

• Explained and reported research results to group members

Workshop/Conference

2020 Chinese Economists Society North America Annual Conference 3/26-3/28 2020

*Presentation: Emissions from Coal-Fired Power Plant Retirements*

Women in Data Science (WiDS) 4/5/2019

Arizona Student Energy Conference 11/7-11/9 2018

*Panel Presenter; Poster; Fast Pitch; Grand Challenge Winning Team*

*Presentation: Emission Footprint: the dying message from coal power plants*

International GIS day workshop 11/13/2019; 11/14/2018

2018 Berkeley Summer School in Environmental and Energy Economics 8/13-8/17 2018

Research Computing: NVIDIA GPU Workshop 4/25-4/26 2018

Teaching Experiences

**Sole Instructor University of Arizona, Tucson, AZ**

Econ 330 Macroeconomic and Global Institutions and Policy (Online) Summer, Winter 2019; Summer 2020

Econ 431 Games and Decisions Summer 2019; Winter 2017

Econ 436 Behavioral Economics Summer 2018

**Teaching Assistant University of Arizona, Tucson, AZ**

Econ 519 Mathematical Economics Fall 2017

Econ 330 Macroeconomic and Global Institutions and Policy Fall 2017

Econ 340 International Economics and Policy Spring 2019

Econ 431 Games and Decisions Spring 2017

Econ 300 Microeconomic Analysis for Business Decisions Fall 2016; Winter 2016 (online)

Econ 200 Basic Economic Issues Fall 2016 (online); Spring 2017; 2018; 2019; Spring 2020

Volunteer

Eller Make A Difference Day 10/26/2019

UA Women's Hackathon (Python for Programmers; Cloud Based GIS with Python) 10/19-10/20/2019

University of Arizona Global Health Competition 10/12-10/13 2019

University of Arizona Graduate and Professional Student Council Grants Judge 2016-2019

Software/Data Carpentry Workshop (Assistant) 08/2017

UW Arboretum restoration (organized by UW actuarial club) 01/2016

UW Homecoming -- run for literacy 10/2015

Shanghai International Marathon Volunteer 12/2012

Awards & Exams

U of Arizona, Department of Economics, Travel Grant 2018, 2020, 2021

U of Arizona, Department of Economics, Graduate Assistantship 2016-2021

Received ASA from the Society of Actuaries 02/2018

GRE: Verbal 161 (87%), Quantity 170 (98%) 08/2015

Outstanding graduate of the Shanghai Jiao Tong University 06/2015

Japanese Language Proficiency Test N1 (the highest level): passed 12/2013

Affiliations

[Graduate Student Affiliate (Institute for Energy Solutions) 2019 - current](https://energy.arizona.edu/person/wendan-zhang)

U of Arizona, Department of Economics, Graduate Assistantship 2016-2021

Received ASA from the Society of Actuaries 02/2018

GRE: Verbal 161 (87%), Quantity 170 (98%) 08/2015

Outstanding graduate of the Shanghai Jiao Tong University 06/2015

Japanese Language Proficiency Test N1 (the highest level): passed 12/2013

Technical Skills

**Advanced**: R, Stata, Python, Latex, ArcGIS Pro

**Basic**: Microsoft Word, Excel (VBA), PowerPoint, C, SPSS, SQL, Matlab, PHP, Bash, HTML, CSS, AWK, GitHub

Languages

**Citizenship:** China

**Native:** Mandarin, Cantonese, Chaoshan dialect

**Fluent:** English, Japanese

**Basic:** Korean

References

Coming soon.

Last updated on February 20, 2020