

# YUJUAN GAO

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## EDUCATION

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<b>University of Florida</b> Ph.D., Food and Resource Economics	<i>2021 - Current</i>
<b>Shaanxi Normal University</b> M.A., Economics	<i>2016 - 2020</i>
<b>Shanxi University of Finance and Economics</b> B.S., Statistics	<i>2012 - 2016</i>

## PROFESSIONAL SUMMARY

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Experienced econometrician and statistical researcher specializing in experimental design and causal inference methodologies. Proven expertise in implementing diverse empirical approaches including field experiments, laboratory studies, and quasi-experimental methods using Stata, with supplementary experience in R and Python. Advanced proficiency in econometric techniques including instrumental variable estimation, spatial analysis, and machine learning applications for large-scale datasets. Demonstrated success in developing automated statistical workflows for geographic data processing and causal inference analysis. Strong track record of communicating complex statistical concepts through peer-reviewed publications and research presentations. Actively contributes to statistical communities through impact evaluation consulting and cross-disciplinary collaboration in economics, public policy, and social sciences. Committed to advancing statistical software capabilities and expanding methodological frameworks for research professionals.

## SKILLS

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**Programming and Software:** R, Stata, Python, SPSS, SAS, ArcGIS, L<sup>A</sup>T<sub>E</sub>X, GitHub, Survey Solutions

**Research Expertise:** Econometric Modeling, Experimental Design; Impact Evaluation; Causal Inference

**Language:** English (fluent), Chinese (native)

## WORK HISTORY

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<b>Teaching and Research Assistant at University of Florida</b>	<i>August 2021 - Current</i>
<ul style="list-style-type: none"><li>Developed and implemented sophisticated statistical analyses using Stata for multiple published research papers:<ul style="list-style-type: none"><li>Lead author on spillover effects analysis in targeted supplementary education interventions, <i>Job Market Paper</i> [click here]</li><li>Designed peer effects estimation strategy using spatial distribution data and instrumenal variable analysis (with Yu Bai and Scott Rozelle), under review at <i>China Economics Review</i> [click here]</li><li>Implemented impact evaluation of a teaxt message program by analyzing RCT data (with Yue Ma and Susanna Loeb), under review at <i>Journal of Comparative Economics</i> [click here]</li></ul></li><li>Created custom Stata programs for complex RCT analysis, including power calculations, treatment effect estimation, and multiple hypothesis testing for child development research</li></ul>	

- Developed automated data processing workflows in Stata for large-scale geographic and longitudinal datasets, including 3G network coverage and DHS survey data
- Contributed to statistical methodology as Journal Referee for *BMC Public Health*

#### Stanford Center on China's Economy and Institutions

August 2018 - August 2019

Visiting Graduate Research Fellow

- Developed and implemented statistical analysis workflows in Stata for multiple research projects, resulting in three peer-reviewed papers
- Led data quality assurance processes, creating automated Stata scripts for data cleaning, validation, and standardization of large-scale survey datasets
- Streamlined research workflows by developing reproducible analysis protocols and maintaining detailed technical documentation
- Collaborated with cross-functional teams to optimize research methodologies and ensure rigorous statistical implementation
- Provided Stata programming and statistical methodology training to undergraduate researchers

#### Research Assistant at Minzu University of China

July 2020 - January 2021

- Developed automated data collection protocols and statistical analysis workflows for longitudinal program evaluation
- Authored technical evaluation report incorporating advanced econometric methods and visualization techniques using Stata and LaTeX for *Save the Children's* early childhood development initiative
- Created reproducible statistical documentation and analysis scripts for future program evaluations

### PUBLICATIONS

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Chen, Xuqi, Lisa House, Zhifeng Gao, **Yujuan Gao** (2024). Do Color-Coded Nutrition Facts Panels Nudge the Use of Nutrition Information on Food Packaging? *Food Policy*. [click here]

Ma, Yue, Xinwu Zhang, Lucy Pappas, Andrew Rule, **Yujuan Gao**, Sarah-Eve Dill, Tianli Feng et al. (2023). "Associations between Urbanization and the Home Language Environment: Evidence from a LENA Study in Rural and Peri-urban China." *Child Development*. [click here]

**Gao, Yujuan**, Derek Hu, Even Peng., et al. (2020). "Depressive Symptoms and the Link with Academic Performance among Rural Taiwanese Children." *International Journal of Environmental Research and Public Health*. [click here]

Ma, Yue, **Yujuan Gao**, Jason Li., et al. (2020). "Maternal Health Behaviors during Pregnancy in Rural Northwestern China." *BMC Pregnancy and Childbirth*. [click here]

**Gao, Yujuan**, Yu Bai, Yue Ma., et al. (2018). "Arrival Order for Positive and Negative Effects of Parental Migration on the Academic Performance of Left-behind Children in Rural China." *Studies in Labor Economics (in Chinese)*.

Ma, Yue, **Yujuan Gao**, Yue Wang., et al. (2018). "Impact of a Local Vision Care Center on Glasses Ownership and Wearing Behavior in Northwestern Rural China: A Cluster-Randomized Controlled Trial." *International Journal of Environmental Research and Public Health*. [click here]

### AWARDS AND SCHOLARSHIPS

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University of Florida Graduate School Fellowship, University of Florida	<i>2021-2025</i>
J. R. Greenman Memorial Scholarship from CALS, University of Florida	<i>2022, 2024</i>
Scholarship for Graduate Researcher at Stanford, China Scholarship Council	<i>2018-2019</i>
Best Paper Awards in 2021 Agricultural & Applied Economics Association Annual Conference	<i>2021</i>
First-Class Scholarship for Elite Graduate in Experimental Economics, Shaanxi Normal University	<i>2018</i>
Excellent student leaders, Shanxi University of Finance and Economics	<i>2015</i>

## CONFERENCES AND SEMINAR PRESENTATIONS

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AERE@ASSA (Scheduled); APPAM Fall Conference; CES North America Annual Conference; PacDev at Stanford; SSC Young Researcher Workshop at Stanford; AAEA Annual Conference; NEUDC at Harvard; WEAI 97th Annual Meeting