

ANG YU

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## Education

	<b>University of Wisconsin-Madison</b>
2025 (expected)	PhD Sociology (Qualifying Exams: Methods and Statistics, Social Stratification)
2022	MS Statistics
2021	MS Sociology
	<b>Stanford University</b>
2019	MA East Asian Studies
	<b>Shandong University</b>
2017	BA Sociology (Exchange Semester at the University of Hong Kong)

## Research Interests

Quantitative Methodology (Causal Inference and Nonparametric Statistics), Social Stratification and Mobility, Sociology of Education, Health Disparities

## Publication

Schletzbaum, Maria, Nadia Sweet, Brad Astor, **Ang Yu**, W. Ryan Powell, Andrea Gilmore-Bykovskyi, Farah Kaiksow, Ann Sheehy, Amy J. Kind, and Christie M. Bartels. 2023. “[Associations of Postdischarge Follow-Up With Acute Care and Mortality in Lupus: A Medicare Cohort Study](#)”. *Arthritis Care & Research* 75:1886–1896.

## Software

Ang Yu (2023). [cdgd: Causal Decomposition of Group Disparities](#).

## Working papers

(\* = Equal authorship)

**Ang Yu** and Felix Elwert. [Nonparametric Causal Decomposition of Group Disparities](#). (Submitted)

Qi Zheng\* and **Ang Yu**\*. Inequality in the Shadow: The Role of Private Tutoring in SES Achievement Gaps. (Submitted)

Jackelyn Hwang, Nima Dahir, and **Ang Yu**. Cleaning Up the Neighborhood: Using Computer Vision to Assess Differential Requests for Service. (R&R)

## Work in Progress

**Ang Yu** and Jiwei Zhao. Counterfactual Slopes as Selection-free Tests for Two Sociological Theses.

**Ang Yu**, Eric Grodsky, and Felix Elwert. What Do Income Inequalities in Preparation Among College Entrants Tell Us About Stratification in Higher Education?

**Ang Yu**, Eric Grodsky, and Felix Elwert. Causal Decomposition of Racial Disparities in Mortality.

Jen-Chen Chao, **Ang Yu**, and Felix Elwert. Are Schools the Great Equalizer in a Stratified School System? Evidence from Taiwan.

Christie Bartels, **Ang Yu**, Felix Elwert, Andrea Gilmore-Bykovskiy, Shivani Garg, W Ryan Powell, and Amy Kind. Retention in Rheumatology Care and Hydroxychloroquine Associations with Acute-Care- and Kidney Failure-Free Survival in SLE: A Medicare cohort study.

## Conference Presentation

(JSM=Joint Statistical Meetings; RC28=Research Committee on Social Stratification and Mobility of the International Sociological Association; ACIC=American Causal Inference Conference; PAA=Population Association of America; ASA=American Sociological Association; ICSA=International Chinese Sociological Association)

2023.8 Counterfactual Slopes as Selection-free Tests for Two Sociological Theses. Oral presentation at ASA in Philadelphia, PA.

2023.8 Nonparametric Causal Decomposition of Group Disparities. Oral presentation at JSM in Toronto, Canada.

2023.5 Nonparametric Causal Decomposition of Group Disparities. Oral presentation at RC28 in Paris, France.

2022.8 Counterfactual Covariances. Oral presentation at RC28 in South Bend, IN.

2022.5 Causal Decomposition of Group Disparities. Oral presentation at ACIC in Berkeley, CA.

2022.4 Causal Decomposition of Group Disparities. Oral presentation at PAA in Atlanta, GA.

2021.10 Causal Decomposition of Group Disparities. Oral presentation at the workshop “Causality in the Social Sciences” organized by Leibniz Institute for the Social Sciences in Mannheim (online).

2021.6 What Do Income Inequalities in Preparation Among College Entrants Tell Us About Stratification in Higher Education? Oral presentation at RC28 (online).

2020.8 Leveraging Machine Learning to Estimate Effect Moderation. Oral presentation at ASA (online).

2020.8 Leveraging Machine Learning to Estimate Effect Moderation. Oral presentation at the Stanford Conference on Computational Sociology (online).

2019.9 The Impact of Parental Wealth on Nest-leaving and Homeownership: Interdependent Life Course Transitions. Poster presentation at RC28 in Princeton, NJ.

2018.12 The Impact of Parental Wealth on the Transition to Homeownership in Urban China. Oral presentation at ICSA in Hong Kong.

## Invited Talk

2023.12 Nonparametric Causal Decomposition of Group Disparities. Interactive Causal Learning Conference in Boca Raton, FL.

## Service

Reviewer, Sociological Methods and Research ( $\times 3$ ); Sociology of Education; Journal of Policy Analysis and Management

Member (2022-), Committee on Professional Development, Departmental Graduate Student Association.

## Awards

2023 UW-Madison Graduate School Conference Presentation Award (\$1500)

2018 Stanford East Asia Graduate Summer Grant (\$7400)

2018 Stanford Center for East Asian Studies Continuing Student Fellowship (\$10990)

2018 Stanford Global Perspectives Award (\$1574)

## Summer Schools

2019 Human Capital and Economic Opportunity Global Working Group Summer School on Socioeconomic Inequality at Southwestern University of Finance and Economics in China.

2019 Summer Institute in Computational Social Science at UCLA.

2018 ICPSR Summer Sessions at the University of Michigan, Ann Arbor (Empirical Implications of Theoretical Models Certification for three seminars).

2017, 2016 Workshop on Applied Social Science Research Methods at Shanghai University.

2016 Summer Session with Econometrics Coursework at the University of Adelaide.