

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

Causal Inference, Machine Learning, Social and Health Disparities

## Publications

Nima Dahir, Jackelyn Hwang, and **Ang Yu**. 2024. “[Cleaning Up the Neighborhood: White Influx and Differential Requests for Services](#)”. *Socius* 10.

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](#).

## Papers under Review

(\* = Equal authorship)

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

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

**Ang Yu** and Jiwei Zhao. [Counterfactual Slope and Its Applications to Social Stratification](#). (Submitted)

## Work in Progress

**Ang Yu**, Jiwei Zhao, and Felix Elwert. General Selection-aware Decomposition of Disparities.

**Ang Yu**, Li Ge, and Felix Elwert. On the Difference between Natural Mediation Estimands and Their Randomized Interventional Analogues.

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

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

Tarjei Widding-Havneraas, **Ang Yu**, Felix Elwert, and Henrik Daae Zachrisson. Family Structure and the Intergenerational Persistence of Educational Inequality: A Nonparametric Causal Decomposition Analysis Using Population-Wide Data.

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.

Maria Schletzbaum, **Ang Yu**, Brad Astor, W. Ryan Powell, Shivani Garg, Andrea Gilmore-Bykovskiy, Joseph Kramer, Amy Kind, and Christie Bartels. Associations of Retention in Care by Visits or Lupus-Specific Labs with Acute Care among Young Adults: a Medicare cohort study.

## Conference Presentations

(ICLC=Interactive Causal Learning Conference; 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)

2024 Conference on Quantitative Methods for Assessing the Potential to Disrupt Disparities in and through STEM Education at the University of Chicago; ACIC (Seattle)

2023 ICLC (Boca Raton); ASA (Philadelphia); JSM (Toronto); RC28 (Paris)

2022 RC28 (South Bend); ACIC (Berkeley); PAA (Atlanta)

2021 Workshop on Causality in the Social Sciences at the Leibniz Institute for the Social Sciences (online); RC28 (online)

2020 ASA (online); Stanford Conference on Computational Sociology (online)

2019 RC28 (Princeton)

2018 ICSA (Hong Kong)

## Service

Reviewer, Sociological Methods and Research (×6)

Annals of Applied Statistics

Journal of the Royal Statistical Society, Series A

Journal of Policy Analysis and Management

Sociological Methodology

Sociology of Education

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

## Awards

- 2023 Professor Archie O. Haller Memorial Scholarship (\$2000)
- 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 (\$11000)
- 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.