

ANG YU

December 2023

Department of Sociology  
University of Wisconsin-Madison  
3317 William H. Sewell Social Sciences Building  
1180 Observatory Dr.  
Madison, WI 53706

Website: [ang-yu.github.io](https://ang-yu.github.io)  
Email: [ayu33@wisc.edu](mailto:ayu33@wisc.edu)  
Twitter: [@AngYu\\_soci](https://twitter.com/AngYu_soci)  
Google Scholar: [Link](#)  
ORCID: [0000-0002-1828-0165](https://orcid.org/0000-0002-1828-0165)

## 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, Semiparametric Statistics, Social Stratification and Mobility, Health Disparities

## Publications

Jackelyn Hwang, Nima Dahir, and **Ang Yu**. Cleaning Up the Neighborhood: Using Computer Vision to Assess Differential Requests for Service. Forthcoming at Socius.

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](#). (R&R)

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

## Work in Progress

**Ang Yu** and Jiwei Zhao. Counterfactual Slope and Its Use in Two Sociological Theses.

**Ang Yu**, Jiwei Zhao, and Felix Elwert. Sequential Decomposition of Disparities.

**Ang Yu** and Li Ge. On causal estimands involving cross-world potential outcomes.

**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-Bykovskyi, 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.

Jonathan Katz, Bryn Sutherland, **Ang Yu**, Jenna Cormier, Yiran Jiang, Dave Gazeley, Felix Elwert, and Christie Bartels. Association Between Area Deprivation Index and Organ Damage Accumulation in a Statewide Incident Lupus Cohort.

## Invited Talk

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

## 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.

## Service

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

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.