ANG YU

July 2024

Department of Sociology
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Education

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

Research Interests

Causal Inference, Machine Learning, Social and Health Disparities

Publications

Zheng, Qi, and **Ang Yu**. "Inequality in the Shadow: The Role of Private Tutoring in SES Achievement Gaps". Social Science Research 122 (2024): 103053.

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

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. "Associations of Postdischarge Follow-Up With Acute Care and Mortality in Lupus: A Medicare Cohort Study". Arthritis Care & Research 75, no. 9 (2023): 1886-1896.

Software

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

Working Papers

Ang Yu and Felix Elwert. Nonparametric Causal Decomposition of Group Disparities. (2nd round R&R)

Ang Yu and Jiwei Zhao. Counterfactual Slope and Its Applications to Social Stratification. (R&R)

Ang Yu, Li Ge, and Felix Elwert. When Do Natural Mediation Effects Differ from Their Randomized Interventional Analogues: Test and Theory.

Work in Progress

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

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-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.

Maria Schletzbaum, **Ang Yu**, Brad Astor, W. Ryan Powell, Shivani Garg, Andrea Gilmore-Bykovskyi, 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

(IBC=International Biometric Conference; 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 IBC (Atlanta); 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 ($\times 6$)
　　　　Annals of Applied Statistics
　　　　Journal of the Royal Statistical Society, Series A
　　　　Journal of Policy Analysis and Management
　　　　Sociological Methodology
　　　　Sociology of Education

Member (2022-2024), Committee on Professional Development, Departmental Graduate Student Association.

Teaching

2023 Guest lecturer, Causal Mediation Analysis (graduate-level course at UW-Madison), 2.5h

2021 Guest lecturer, Introduction to Causal Inference (online lecture series), 2h

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.