

## ANG YU

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## Education

	<b>University of Wisconsin-Madison</b>
2025 (expected)	PhD Sociology Dissertation Committee: Felix Elwert (Advisor), Eric Grodsky, Hyunseung Kang (Statistics), Nicholas Mark, Jiwei Zhao (Statistics and Biostatistics & Medical Informatics), Xiang Zhou (Harvard 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 Study Abroad at the University of Hong Kong

## Research Interests

Causal Inference, Machine Learning, Social Stratification, Sociology of Education, Health Disparities

## Publications

Zheng, Qi, and **Ang Yu** (equal authorship). “[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 at the Annals of Applied Statistics)

**Ang Yu** and Jiwei Zhao. [Counterfactual Slopes and Their Applications in Social Stratification](#). (R&R at Sociological Methodology)

**Ang Yu**, Li Ge, and Felix Elwert. [When Do Natural Mediation Effects Differ from Their Randomized Interventional Analogues: Test and Theory.](#)

## Grants

Co-Investigator. “New Methods for the Causal Decomposition of Group Inequalities”. UW-Madison Institute for Diversity Science Seed Grant Program. 2024.

## 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-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

- 2024 International Biometric Conference (Atlanta)
  - Conference on Quantitative Methods for Assessing the Potential to Disrupt Disparities in and through STEM Education (Chicago)
  - American Causal Inference Conference (Seattle)
- 2023 Interactive Causal Learning Conference (Boca Raton)
  - American Sociological Association Annual Meeting (Philadelphia)
  - Joint Statistical Meetings (Toronto)
  - Research Committee on Social Stratification and Mobility (RC28) Spring Meeting (Paris)
- 2022 Research Committee on Social Stratification and Mobility (RC28) Summer Meeting (South Bend)
  - American Causal Inference Conference (Berkeley)
  - Population Association of America Annual Meeting (Atlanta)
- 2021 Workshop on Causality in the Social Sciences at the Leibniz Institute for the Social Sciences (online)
  - Research Committee on Social Stratification and Mobility (RC28) Spring Meeting (online)
- 2020 American Sociological Association Annual Meeting (online)
  - Stanford Conference on Computational Sociology (online)
- 2019 Research Committee on Social Stratification and Mobility (RC28) Summer Meeting (Princeton)
- 2018 International Chinese Sociological Association Annual Meeting (Hong Kong)

## Service

Reviewer, Annals of Applied Statistics  
Journal of Policy Analysis and Management  
Journal of the Royal Statistical Society, Series A ( $\times 2$ )  
Sociological Methodology  
Sociological Methods and Research ( $\times 7$ )  
Sociology of Education

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

## Teaching

2023 Guest lecturer, [Causal Disparity Analysis](#) (graduate-level course on causal mediation analysis at UW-Madison)  
2021 Lecturer, [Online Workshop: Introduction to Causal Inference](#) (in Chinese)

## Awards

2024 UW-Madison Institute for Research on Poverty Graduate Research Fellowship (\$1000)  
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.