RUI CAO

(Pronounced as Ray Ts’ow)

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# EDUCATION

**The Ohio State University** (Columbus, OH, USA) *In Progress*

Ph.D. Sociology

Dissertation Title: “Intersecting Gender and Sexuality: LGB Students in STEM Fields” Committee: Douglas Downey (Chair), Rin Reczek, Rachel Dwyer

M.A. Sociology *May 2022*

**Nanjing University** (Nanjing, Jiangsu, China) *Jul 2020*

M.A. Sociology

**Central University of Finance and Economics** (Beijing, China) *Jul 2017*

B. A. Sociology

# RESEARCH INTERESTS

Gender, Family, Education, Health, Youth Development, Inequality and Stratification.

# QUANTITATIVE SKILLS

**Statistical Software:** Stata, R

**Methods:** General and Generalized Linear Models, Longitudinal Data Analysis, Hierarchical Linear Modeling, Conjoint Experiment.

# PUBLICAITONS

1. **Rui Cao** (2025). Child’s Gender, Parents’ Gender Ideology: Association and Contextual Variation in China. *Journal of Family Issues, 0(0).*
2. **Rui Cao,** Rin Reczek, and Mieke Thomeer (2025). Intergenerational Coresidence with Children and Grandchildren and Maternal Sleep Duration at Mid-life. *The Journals of Gerontology*: Series B, gbaf034.
3. Douglas Downey and **Rui Cao** (2025). Number of Siblings and Mental Health Among Adults: A Life Course Resource Dilution Model. *Journal of Family Issues, 0(0).*
4. Mieke Thomeer, Rin Reczek, **Rui Cao**, and Dee Ferguson (2025). Dynamics of Adult Child-Mother Relationships in Emerging Adulthood by Gender and Race. *Social Psychology Quarterly* 0(0).
5. Douglas Downey and **Rui Cao** (2024). Number of Siblings and Mental Health Among Adolescents: Evidence from the U.S. and China. *Journal of Family Issues*, 45(11),

2822-2850.

***Featured in*** *US News, The Guardian, New York Post, The Mirror, Daily Mail, TimesNow, EuroNews, The News Lens, Lindependant, Parents, Die Welt, India Today, Canaltech, etc.*

1. Mieke Thomeer, Joseph Wolfe, Rin Reczek, Dee Ferguson, and **Rui Cao** (2024). Childbearing Status, Parity and Cognitive Health at Mid-life: A Propensity Score Matching Approach. *The Journals of Gerontology: Series B, gbae177.*
2. **Rui Cao** and Yuxiao Wu (2019). Class Peer Groups and Adolescents’ Educational Expectations: Social Conformity and Social Contrast. *Youth Studies*, 2019(05). *(In Chinese)*
3. Anxin Zhu and **Rui Cao** (2019). Parent-Child Relationships in Chinese Families: Class and Urban-rural Differences. *Guizhou Social Sciences*, 2019(07). *(In Chinese)*

# WORKING PAPERS

*Full manuscripts available upon request*

**Rui Cao.** *Intersecting Sexuality and Gender: STEM Confidence, Preparation and Aspirations Among American High Schoolers. (In preparation of submission)*

**Rui Cao**, Douglas Downey, and Emily Johnson. *Are Unequal Schools Really Equalizers?*

*Socioeconomic Status and the High School Experience. (In preparation of submission)*

Yinfang Tang, **Rui Cao,** and Yuxiao Wu. *Body Mass Index, Gender, and Non-cognitive Abilities Among Chinese Adolescents. (Under Review at Youth & Society)*

Rin Reczek, **Rui Cao,** Mieke Beth Thomeer, and Candice Crutchfield. *Parent–Child Estrangement Prevalence Among Older Adults. (In preparation of submission)*

Fangqi Wen, **Rui Cao**\*, Xueqian Chen\*, and Fei Xie\*. *Pain Relief and Fertility Intention in China. (In preparation of submission)*

(\* denotes co-authorship with equal contribution.)

# SELECTED CONFERENCE PRESENTATIONS

**Rui Cao.** “Intersecting Sexuality and Gender: STEM Confidence, Preparation and Aspirations Among American High Schoolers.” *Annual Meeting of the American Sociological Association, 2025, Chicago, IL, US*

Rin Reczek, **Rui Cao,** Mieke Beth Thomeer, and Candice Crutchfield. “Parent–Adult Child Estrangement Prevalence Among Older Adults.” *Annual Meeting of the Population Association of America, 2025, Washington, D.C, US*

Douglas Downey and **Rui Cao.** “Number of Siblings and Mental Health Among Adults: A Life Course Perspective.” *Annual Meeting of the American Sociological Association, 2023, Philadelphia, PA, US*

**Rui Cao. “**Child’s Gender, Parents’ Gender Ideology: Association and Contextual Variation in China.” *Annual Meeting of the American Sociological Association 2022, Los Angeles, CA, US.*

**Rui Cao** and Yuxiao Wu. “Class Peer Groups and Adolescents’ Educational Expectations:

Social Conformity and Social Contrast.” *Annual Meeting of the Chinese Sociological Association, 2018, Nanjing, Jiangsu, China*

# SELECTED AWARDS, FELLOWSHIPS, & TRAINING

|  |  |
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| Dissertation Research Grant, *Department of Sociology, OSU ($900)* | 2025 |
| Feminist Scholar Research Grant, *FREE Center, OSU ($500)* | 2025 |
| PAA Annual Meeting Travel Grant, *Institution of Population Research, OSU* | *2025* |
| Summer Institute in Computational Social Science workshop, *Beijing* | Jul 2024 |
| Summer Methods Award, *Department of Sociology, OSU ($1,500)* | 2024 |
| Elizabeth Menaghan Paper Award, *Department of Sociology, OSU ($1,500)* | 2023 |
| University Fellowship, *OSU ($26,000)* | 2020-2021 |
| Outstanding Graduate at Nanjing University, *Nanjing University* | 2020 |
| Graduate Scholarship, Ministry of Education of China *($2,900)* | 2019 |
| Graduate Scholarship, Nanjing University *($4,500 in total)* | 2017-2020 |
| Beijing Outstanding Graduate, Beijing Municipal Education Commission *(top 5%)* | 2017 |
| University Scholarship, Central University of Finance and Economics *($700)* | 2016 |

**TEACHING**

Introduction to Sociology (undergraduate level, responsible for approximately 90 students) Teaching Assistant. *AU2021, SP2022*

Statistics for Sociology (undergraduate level, two sections, approximately 60 students) Lab Instructor. *AU2022, SP2023, AU2025*

# SERVICE

## Discipline

*Ad-Hoc Reviewer: Social Science Research.*

## Departmental and University

*2023-present: Graduate Student Mentor*

*Mentored Students: Tianjun Wang (Undergraduate Student), Hyunji Lim (Graduate Student)*

*2024-present: Cofounder and Committee Member, International Graduate Student Committee, Department of Sociology*