

## Hangqing Ruan

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### EDUCATION

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- 2023(expected) Ph.D. Sociology, University of Maryland, College Park, MD, USA  
*Dissertation:* Diverging Trends in Mortality and Health Inequalities Across the Life Course: An Extension of Fundamental Cause Theory.  
*Committee:* Joan Kahn (Chair), Feinian Chen, Philip Cohen, Michael Rendall, Quynh Nguyen
- 2021 M.A., Sociology, University of Maryland, College Park, MD, USA
- 2018 M.A., Demography, Peking University, Beijing, China
- 2015 B.A., Sociology, Peking University, Beijing, China

### RESEARCH INTERESTS

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Social inequalities in health and mortality	Aging and health across life course
Family demography	Work/family dynamics and health
Race/ethnicity and health	

### PUBLICATIONS \*Students

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**Ruan, Hangqing\***, Ke Shen, & Feinian Chen. 2022. "Negative Life Events, Social Ties, and Depressive Symptoms for Older Adults in China." *Frontiers in Public Health*. 9.

Chen, Feinian, Ke Shen, & **Hangqing Ruan\***. 2021. "The mixed blessing of living together or close by: Parent-child relationship quality and life satisfaction of older adults in China." *Demographic Research*. 44: 563-594.

Zhang, Dan\*; **Hangqing Ruan\***; Gao, Melody Ge\*; Fanian Chen; Shuzhuo Li. 2022. "Stressful Life Events and Sleep Quality among Older Adults in China: Do Positive and Negative Attitudes toward Aging Play a Role?" *Aging and Society*, 1-19.

Burnette, Denise, Xujingzi Ye\*, Zhaowen Cheng\*, & **Hangqing Ruan\***. 2021, "Living alone, social cohesion, and quality of life among older adults in rural and urban China: a conditional process analysis." *International Psychogeriatrics* 33, no. 5:469-479.

Li, Shengxiao\* Alex, Yixue Zhang\*, **Hangqing Ruan\***, Erick Guerra, & Denise Burnette. 2020. "The role of transportation in older adults' use of and satisfaction with primary care in China." *Journal of Transport & Health*. 18:100898.

Gao, Melody Ge\*, and **Hangqing Ruan\***. 2022. "Work-Family Policies and Gender Inequalities in Childcare Time." *Socius* 8: 23780231221142677.

## ARTICLES UNDER REVIEW

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**Ruan, Hangqing.** The Period and Cohort Trends of Activity Limitation Caused by Chronic Conditions (ALCC) and Its Educational Differences in the United States:1997-2018. Population Research and Policy Review (Under First Round of Review).

**Ruan, Hangqing,** Melody Ge Gao, Dan Zhang, The Contribution of Chronic Conditions to Increase of Mid-Life Disability in the US from 1997 to 2018. Under Review.

**Ruan, Hangqing,** Melody Ge Gao, Why Does the Middle-Aged US Population Have a Higher Increase in Disability than Older Adults? Under Review.

## MANUSCRIPTS IN PREPARATION

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**Ruan, Hangqing,** Melody Ge Gao, Race, Marital Status and Deaths from Alcohol, Drug Overdose, and Suicide in the United States: before and after Covid-19.

Gao, Melody Ge, **Hangqing Ruan.** How Does the Mother's Time Tradeoff Between Work and Childcare Change Over Time? An Examination by Education and Race.

## RESEARCH EXPERIENCES

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2019-2020 Research Assistant, Prof. Feinian Chen, University of Maryland, College Park, MD, USA.

- Cleaned the Chinese Longitudinal Aging Social Survey (CLASS)
- Handled the missing data with multiple imputation, and analyzed the data with OLS models, mlogit models, and Fixed Effect Models.
- Conducted the research about intergenerational ties and physical/psychological health of older adults in China.
- We published two original papers on *Demographic Research* (2021) and *Frontiers in Public Health* (2022)

2017-2018 Research Assistant, Prof. Denise Burnette, Virginia Commonwealth University, VA, USA.

- Cleaned the WHO's Global Ageing and Adult Health Survey data (SAGE, China)
- Conducted research about social cohesion and quality of life among Chinese older adults living alone with a conditional process model.
- Conducted research about the role of transportation in Chinese older adults' use of primary care, with the Andersen behavioral model of behavioral health services utilization and negative binominal regression models.
- We published two articles on *Psychogeriatrics* (2021) and *Journal of Transport & Health* (2020)

2015-2017 Research Assistant. Prof. Gong Chen, Peking University, Beijing, China.

- Participated in questionnaire design for “*Survey of the needs of and services for persons with disability in China*”, collected the data as a survey interviewer in several rural villages, analyzed the data to check the data quality, and drafted the report about the descriptive analysis.
- Participated in the “*Survey on Urban and Rural Old Adults' Living Conditions in*

*Beijing*”, cleaned the data, analyzed the data to check the data quality and drafted the report.

### ACADEMIC MEETINGS

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- 2022 American Sociology Association (ASA) Annual Meeting
- "Chronic Conditions and Increase in US Middle-Life Disability: The Causal Contribution and Underlying Mechanisms." (Roundtable)
- 2022 Population Association of America (PAA) annual meeting.
- “The Role of Chronic Conditions in Explaining the Rising Trends of Middle Life Disability in the US: Higher Prevalence or Higher Disabling Effect?” (Poster presentation, **PAA poster award**).
- 2021 Population Association of America (PAA) annual meeting, virtual
- “*Age-Period-Cohort Analyses of Activity Limitation Caused by Chronic Conditions (ALCC) in the United States: from 1997 to 2018*” (oral presentation)
- 2020 The Gerontological Society of America (GSA) annual meeting, virtual
- “*Negative Life Events, Social ties, and Depressive Symptoms for Older Adults in China*” (oral presentation, with Feinian Chen)
- 2019 American Sociology Association (ASA) Annual Meeting
- “Income-related inequalities in health care utilization among old adults in six LMICs” (oral presentation)

### TEACHING EXPERIENCES

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- 2022 Teaching Assistant, Sociology 428: Research in Inequality: Content Analyses of Popular Cultures  
University of Maryland, College Park
- 2020 Teaching Assistant, Sociology 411: Demographic Techniques  
University of Maryland, College Park
- 2019 Teaching Assistant, Sociology 100: Introduction to Sociology  
University of Maryland, College Park
- 2018 Teaching Assistant, Sociology 110: The Logic of Social Inquiry  
University of Maryland, College Park

### AWARDS, GRANTS, AND HONORS

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- 2022 Ann G. Wylie Dissertation Fellowship (\$15000)  
Graduate School, University of Maryland, College Park
- 2022 Dean’s Research Initiative Graduate Student Travel Award (\$700)  
Behavioral & Social Sciences College, University of Maryland, College Park
- 2021 Dean’s Research Initiative Graduate Student Travel Award  
Behavioral & Social Sciences College, University of Maryland, College Park
- 2021 William H. Form Summer Research Fellowship (\$4000)  
Department of Sociology, University of Maryland, College Park
- 2021 Department Support for ICPSR Summer Program (\$2800)  
Department of Sociology, University of Maryland, College Park

- 2016 Tang-Lixin Fellowship (choosing 60 people for all of the TOP 5% undergraduates and graduates in Peking University)  
Peking University, Beijing, China
- 2014 First Prize for the 22nd “Academic Challenge Cup” of Peking University  
Peking University, Beijing, China
- 2014 Panasonic Talent Cultivation Scholarship of Peking University  
Peking University, Beijing, China
- 2013 National Encouragement Scholarship  
Peking University, Beijing, China

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### **PROFESSIONAL TRAINING**

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- 2022 Missing Data and Multiple Imputation  
Maryland Population Research Center, University of Maryland
- 2021 Machine Learning  
ICPSR Summer Program in Quantitative Methods of Social Research
- 2021 Multilevel Modeling  
ICPSR Summer Program in Quantitative Methods of Social Research

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### **PROFESSIONAL SERVICES**

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Manuscript Reviewer for Journals:

Social Science & Medicine<sup>2022</sup>, Scientific Reports<sup>2022</sup>, BMC Geriatrics<sup>2022\*3</sup>  
BMC Public Health<sup>2022</sup>, International Journal for Equity in Health<sup>2022</sup>