

## AIRAN LIU | 柳皚然

Center for Social Research, Guanghua School of Management, Peking University

Building #24, Room 321, 5 Yi-He-Yuan Road, Beijing, PRC 100871

Email: [arliu@pku.edu.cn](mailto:arliu@pku.edu.cn)

Homepage: <http://airanliu.weebly.com/>

### EMPLOYMENT AND PROFESSIONAL EXPERIENCE

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#### **Peking University (2017-Present)**

Associate Professor, Center for Social Research, Guanghua School of Management (2023 - present)

Assistant Professor, Center for Social Research, Guanghua School of Management (2017 – 2023)

Research Fellow, Center for Social Research, Guanghua School of Management (2017 – Present)

Faculty Associate, Yenching Academy (2018 – Present)

#### **University of Michigan, Ann Arbor**

Visiting Scholar, Survey Research Center, Institute of Social Research (2018 June)

Visiting Scholar, Survey Research Center, Institute of Social Research (2019 June – 2019 July)

### EDUCATION

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Ph.D. Public Policy and Sociology, University of Michigan, Ann Arbor (2017)

M.S. Statistics, University of Michigan, Ann Arbor (2014)

B.A. Sociology, Peking University (2011)

B.A. Economics, Peking University (2011)

IARU\* Summer Program on Global Health, Copenhagen University (2010 July)

(\*IARU: International Alliance of Research Universities)

Exchange Student in Faculty of Social Science), University of Hongkong (2018 September – 2019 January)

### AREAS OF INTEREST

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Child Development, Social Inequality and Mobility, Education, Quantitative Methods, China

### PUBLICATIONS

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#### **Peer-Reviewed Articles**

\*indicates corresponding authorship, #indicates student co-author

- 2023 **Liu, Airan** and Siwei Cheng. "Family Structure and Cohort Trends in Childhood Family Income Volatility." *Socius*, 9 (2023)
- 2022 **Liu, Airan**, Wangyang Li, and Yu Xie. "Early Life-course Development and Social Mobility in China (in Chinese)." *Population Research*, 46, no. 5 (2022): 78-90. 柳皓然、李汪洋、谢宇, 2022, 《新时代中国生命历程早期发展与社会流动研究: 回顾与展望》, 《人口研究》第5期, 第78-90页。
- 2022 Li, Wangyang and **Airan Liu\***. "The Quantity and Quality of Screen Exposure and Preschool Children's Non-cognitive Skills (in Chinese)." *Journal of Education Studies*, 18, no. 1 (2022): 99-112. 李汪洋、柳皓然\*, 2022, 《屏幕暴露的数量与质量之辩——屏幕暴露与学前儿童非认知能力的关系》, 《教育学报》第1期, 第99-112页。
- 2021 Jiashu Xu# and **Airan Liu\***. "Family life and Chinese adults' happiness across the life span." *Chinese Journal of Sociology*, 7, no. 4 (2021): 514-534.
- 2020 Bozick, Robert, Narayan Sastry, and **Airan Liu**. "Health in Early Adolescence and Paid Employment." *Youth & Society* (2020): 0044118X20972425.
- 2020 **Liu, Airan**, Wangyang Li, and Yu Xie. "Social inequality in child educational development in China." *Chinese Journal of Sociology* 6, no. 2 (2020): 219-238.
- 2020 **Liu, Airan**. "Non-Cognitive skills and the growing achievement Gap." *Research in Social Stratification and Mobility*, 69 (2020): 100546.
- 2019 **Liu, Airan**. "Can non-cognitive skills compensate for background disadvantage?--the moderation of non-cognitive skills on family socioeconomic status and achievement during early childhood and early adolescence." *Social Science Research*, 83 (2019): 102306.
- 2016 **Liu, Airan** and Yu Xie. "Why do Asian Americans academically outperform Whites?--The cultural explanation revisited." *Social Science Research* 58 (2016): 210-226.
- 2015 **Liu, Airan** and Yu Xie. "Influences of Monetary and Non-Monetary Family Resources on Children's Development in Verbal Ability in China." *Research in Social Stratification and Mobility*, 40 (2015): 59-70.
- 2015 Xu, Hongwei, **Airan Liu**, and Yueyun Zhang. "Inequality in Children's Wellbeing and Development: Evidence from a National Panel Study." *Chinese Journal of Sociology*, no. 1 (2015): 88-107.

### Book Chapters

- 2022 Wen Wen#, **Airan Liu**, "Ch. 14. Non-cognitive skills among Chinese children and youth (in Chinese)." (forthcoming) Pp.300-326 in *Report on People's Livelihood and Development in China 2020-2021*, edited by Yu Xie, Xiaobo Zhang, Ping Tu, Qiang Ren, and Chunni Zhang. Beijing: Peking University Press.
- 2019 **Liu, Airan**, Wangyang Li, Yu Xie, "Ch. 8. Family Background and Children's Educational Achievement (in Chinese)." Pp.134-148 in *Report on People's Livelihood and Development in China 2018-2019 (China Family Panel Studies 2018-2019)*, edited by Yu Xie, Xiaobo Zhang, Ping Tu, Qiang Ren, and Guoying Huang. Beijing: Social Sciences Academic Press (China).
- 2019 **Liu, Airan**, Wangyang Li, Yu Xie, "Ch. 10. Child Rearing Values and its Social Determinants (in Chinese)." Pp. 166-178 in *Report on People's Livelihood and*

Development in China 2018-2019 (China Family Panel Studies 2018 – 2019), edited by Yu Xie, Xiaobo Zhang, Ping Tu, Qiang Ren, and Guoying Huang. Beijing: Social Sciences Academic Press (China).

- 2013 Xu, Hongwei and **Airan Liu**. “*Children’s Development in China* (in Chinese).” Pp. 183-214 in Report on People’s Livelihood and Development in China 2013 (China Family Panel Studies 2013), edited by Yu Xie, Xiaobo Zhang, Jianxin Li, Xuejun Yu, and Qiang Ren. Beijing: Peking University Press.

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## RESEARCH GRANTS

### External Grants:

- 2019 – 2022 National Social Sciences Fund of China (Young Scientist). “*Educational Inequality in Early Life-course and Intergenerational Social Mobility in China*” (RMB 200,000; Principal Investigator)

### Internal Grants:

- 2019 International Research Partnership Fund, Peking University. “*Fertility Intention, Parenting Practices and Social Mobility*” (RMB 50,000; Co-PI: Yu Xie)
- 2017 University Research Fund for New Faculty, Peking University. “*Social Determinants of Children’s Development in China*” (RMB100,000; Principal Investigator)

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## HONORS AND AWARDS

- NAEd/Spencer Postdoctoral Fellowship Semi-finalist, National Academy of Education, U.S. (2022)
- Barbour Scholarship, University of Michigan, Ann Arbor (2016 – 17)
- Barbour Scholar, University of Michigan, Ann Arbor (2016 – 17)
- Ford School of Public Policy Research Grant, University of Michigan, Ann Arbor (2015)
- Department of Sociology Small Grant, University of Michigan, Ann Arbor (2015)
- Rackham Conference Travel Grant, University of Michigan, Ann Arbor (2015)
- Rackham Conference Travel Grant, University of Michigan, Ann Arbor (2013)
- Katherine Taylor Fellowship Award, Center for Chinese Studies, University of Michigan, Ann Arbor (2012)
- Rackham Regents Fellowship, University of Michigan, Ann Arbor (2011 – 12)
- Guanhua Scholarship, Peking University, Beijing (2010)
- Li & Fung Scholarship, Li & Fung Foundation Limited, Hong Kong (2008)
- Li & Fung Scholar (2008)

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## SELECT REFEREE SERVICE

- American Sociological Review
- Child Development
- Educational Researcher
- European Sociological Review
- Social Forces
- Social Science Research
- Sociology of Education
- AERA Open
- American Behavioral Scientist
- Child & Family Social Work
- Chinese Journal of Sociology
- International Migration Review
- Journal of Child and Family Studies
- Journal of Community Psychology
- Research in Social Stratification & Mobility
- Social Currents
- Sociological Forum
- Asia Pacific Education Review
- Gender, Work & Organization

## **SELECT SERVICE**

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- Graduate Student Review Committee, Center for Social Research, Peking University (2021 – 2022)
- Proposal Review Committee, Proposal for New Questions Program, Institute of Social Science Survey, Peking University (2018 – 2022)
- Faculty Advisor, China Family Panel Studies (CFPS), Institute of Social Science Survey, Peking University (2018 – Present)
- PhD Admission Committee, Center for Social Research, Peking University (2018 – 2021)
- Faculty Search Committee, Center for Social Research, Peking University (2018 – 2019)
- Faculty Advisor, Quantitative Social Science Research Workshop, Peking University (2019 July)
- Faculty Advisor, Quantitative Social Science Research Workshop, Peking University (2018 July)
- Assisting Faculty, University of Michigan-Peking University Joint Summer School Program, Peking University (2018 July)
- Faculty Advisor, Quantitative Social Science Research Workshop, Peking University (2017 July)

- Assisting Faculty, University of Michigan-Peking University Joint Summer School Program, Peking University (2017 July)
- Student Coordinator for Inequality, Family and Demography Workshop, Sociology Department, University of Michigan (2014 – 2016)
- PhD Admission Committee, Ford School of Public Policy, University of Michigan (2013 – 2015)
- PhD Graduate Student Mentor, Ford School of Public Policy, University of Michigan (2014 – 2017)

## **TEACHING EXPERIENCE**

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### **Peking University**

- Quantitative Reasoning (fall, undergraduate level course at Guanghua School of Management) (2019 – 2023)
- Quantitative Reasoning (fall, graduate level course at Yenching Academy) (2018 – 2023)
- Social Science Research: Practice and Theory I & II (fall and spring, graduate level required course for PhD program in Sociology at Guanghua School of Management) (2020 – 2023)
- Social Statistics (spring, graduate level required course for PhD program in Sociology at Guanghua School of Management) (2021 – 2023)

## **SELECT INVITED TALKS AND CONFERENCES**

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- 2023 “Emerging Digital Inequality in Early Life: Parenting and Differential Usage of Digital Devices Among Preschoolers in China.” Renmin University, Beijing.
- 2023 “Emerging Digital Inequality in Early Life: Parenting and Differential Usage of Digital Devices Among Preschoolers in China.” Population Association of America Annual Meeting, New Orleans, LA, US.
- 2023 “The Power of Culture: Imperial Civil Exam, Family SES, and Parenting Practices in Contemporary China.” Population Association of America Annual Meeting, New Orleans, LA, US.
- 2023 “Income Volatility in Early Life among Chinese Children.” Population Association of America Annual Meeting, New Orleans, LA, US.
- 2022 “Changes in Family Investment in Children’s Extracurricular Education in China 2010-2018”. 2022 ICASA Annual Conference, Guang Zhou, China.
- 2022 “How does perceived inequality motivate “Tiger Moms”? –Parental perception of economic inequality and family investment in children's education in China”. Penn CSCC-NYU Shanghai CASER Workshop on Inequalities and Child Development.
- 2022 “Family life and Chinese adults’ happiness across the life span.” Panel on : The mental world of Chinese people—Introduction to studies in Issue 4 of 2021 (special issue), SAGE.

- 2022 Global Scholar Seminar Series, Discussant, Department of Sociology, Peking University, Beijing, China.
- 2022 “*Host of the Future: Family’s Educational Investment and Children’s Development in China.*” Follow Scholars to Learn about Chinese Society Public Lecture Series, Peking University, Beijing, China.
- 2021 “*Family Income Volatility Among Chinese Children: 2010-2018.*” Chinese Sociological Association, Social Stratification and Social Mobility Colloquium, Beijing, China.
- 2021 “*Changes in Family Investment in Children’s Extracurricular Education in China 2010-2018.*” Chinese Sociological Association, Social Stratification and Social Mobility Colloquium, Beijing, China.
- 2019 “*The Effects of Childhood Health Trajectories on College Enrollment.*” Population Association of America Annual Meeting, Austin, TX, US.
- 2019 “*Social Determinants and Consequences of Early Childhood Development in China.*” Population Association of America Annual Meeting, Austin, TX, US.
- 2019 “*Social Inequality in Child Educational Development in China.*” Population Association of America Annual Meeting, Austin, TX, US.
- 2019 “*Family Structure and Cohort Trends in Childhood Income Volatility.*” Research Committee on Social Stratification and Mobility (RC28) of the ISA, Princeton, US.
- 2018 “*Family Background and children’s Development in China.*” Mini-Conference on Equality among Children and Families: Evidence from China, Korea, Japan, and the World. Keio University, Tokyo, Japan.
- 2018 “*The Role of Childhood Health in Shaping Paid Employment during Adolescence.*” Population Association of America Annual Meeting, Denver, CO, US.
- 2016 “*Non-cognitive Skills and the Growing SES Achievement Gap.*” Population Association of American Annual Meeting, Washington DC., US.
- 2015 “*Culture and Asian-White Achievement Difference.*” Population Association of American Annual Meeting, San Diego, US.
- 2013 “*Influence of Monetary and Nonmonetary Family Resources on Children’s Development in China.*” Research Committee on Social Stratification and Mobility (RC28) of the ISA, Trento, Italy.