

Siyun Peng

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ACADEMIC APPOINTMENTS

2021- **Assistant Research Scientist**, Department of Sociology, Indiana University
2019-2021 **Postdoctoral Fellow**, Department of Sociology, Indiana University

EDUCATION

2019 **Dual-Title Ph.D. in Sociology and Gerontology**, Purdue University
2018 **Graduate Certificate in Applied Statistics**, Purdue University
2015 **M.S. in Sociology**, Purdue University
2013 **M.S. in Population Science**, Southwestern University of Finance &
Economics, China
2010 **B.E. in Logistics**, Southwest Jiaotong University, China

RESEARCH AND TEACHING INTERESTS

Health & Inequalities	Family	Aging and the Life Course	Social Networks
Medical Sociology	Cognitive Health	Biology of Aging	Quantitative Methods

EXTERNAL GRANTS

2020- **National Institute on Aging** (R24-AG065159), Interdisciplinary Network on Rural Population Health and Aging Pilot Grant, “Social networks and rural-urban cognitive health disparities.” Role: Co-I (PI Adam Roth). Award: \$9,914

INTERNAL GRANTS

2018-19 Purdue Research Foundation Dissertation Research Grant (\$20,000)

FELLOWSHIPS & SCHOLARSHIPS

2018 RAND Summer Institute on Aging, Full Scholarship (\$2,579)
2018 Robert L. Eichhorn Fellowship in Medical Sociology (\$5,000)
2010-13 Excellent Graduate Student Fellowship, Southwestern University of Finance & Economics (3 Fellowships Totaling \$6,180)

AWARDS & HONOURS

2019 Emerging Scholars by the ASA Section on Aging and the Life Course
2016&2019 Summer Research Enhancement Award, Purdue University (2 Awards Totaling \$3,195)
2016-18 PROMISE Award, Purdue University (4 Awards Totaling \$3,000)

PUBLICATIONS

Peer Reviewed Journal Articles (16):

- 2021 Perry, Brea, William McConnell, Max Coleman, Adam Roth, **Siyun Peng**, and Liana Apostolova. "Why the cognitive "fountain of youth" may be upstream: Pathways to dementia risk and resilience through social connectedness." *Alzheimer's & Dementia*. doi:10.1002/alz.12443
- 2021 Perry, Brea, William McConnell, **Siyun Peng**, Adam Roth, Max Coleman, Mohit Manchella, Meghann Roessler, Heather Francis, Hope Sheean, and Liana Apostolova. "Social Networks and Cognitive Function: An Evaluation of Social Bridging and Bonding Mechanisms." *The Gerontologist*. doi: 10.1093/geront/gnab112
- 2021 **Peng, Siyun** and Adam Roth. "Social Isolation and Loneliness Before and During the COVID-19 Pandemic: A Longitudinal Study of US Adults Over 50." *The Journals of Gerontology: Social Sciences*. doi: 10.1093/geronb/gbab068
- 2021 **Peng, Siyun**, J. Jill Suitor, and Megan Gilligan. "Maternal Differential Treatment and Psychological Well-Being: The Mediating Role of Marital Tension and Sibling Tension?" *The Journals of Gerontology: Social Sciences*. doi: 10.1093/geronb/gbz158
- 2021 Roth, Adam, **Siyun Peng**, Max Coleman, Evan Finley, and Brea Perry. "Network Recall among Older Adults with Cognitive Impairments." *Social Networks*, 64, 99-108. doi: 10.1016/j.socnet.2020.08.005
- 2021 Roth, Adam, **Siyun Peng**, and Brea L Perry. "Personal Network Bridging Potential Across Geographic Context." *The Journals of Gerontology: Social Sciences*. doi: 10.1093/geronb/gbab103
- 2021 Roth, Adam, **Siyun Peng**. "Non-Spousal Support, Marital Status, and Mortality Risk." *Journal of Aging and Health*. doi: 10.1177/08982643211025381.
- 2021 Hou, Yifei, Marissa Rurka, and **Siyun Peng**. "New Structure, Traditional Essence: Patterns of Helping Non-Coresident Parents by Own and Sibling(s)' Gender in China." *Research on Aging*. doi:10.1177/01640275211018814
- 2021 Suitor, J Jill, Megan Gilligan, Reilly Kincaid, Yifei Hou, Catherine Stepniak, and **Siyun Peng**. "How Widowhood and Gender Shape the Impact of Maternal Favoritism on Adult Children's Psychological Well-Being." *The Journals of Gerontology: Social Sciences*. doi: 10.1093/geronb/gbab120
- 2019 **Peng, Siyun**, Shawn Bauldry, Megan Gilligan, and J. Jill Suitor. "Older Mother's Health and Adult Children's Education: Conceptualization of Adult Children's Education and Mother-Child Relationships." *Social Science &*

Medicine - Population Health. doi: 10.1016/j.ssmph.2019.100390

- 2019 Suito, J. Jill, Megan Gilligan, Marissa Rurka, **Siyun Peng**, Jordan Meyer, and Karl Pillemer. "Accuracy of Adult Children's Perceptions of Mothers' Caregiver Preferences." *The Gerontologist*. 59(3), 528-537. doi: 10.1093/geront/gny064
- 2018 **Peng, Siyun**, J. Jill Suito, and Megan Gilligan. "The Long Arm of Maternal Differential Treatment: Effects of Recalled and Current Favoritism on Adult Children's Psychological Well-being." *The Journals of Gerontology: Social Sciences*, 73(6), 1123–1132. doi: 10.1093/geronb/gbw105
- 2018 Suito, J. Jill, Megan Gilligan, Marissa Rurka, Gulcin Con, **Siyun Peng**, and Karl Pillemer. "Conflict with Mothers and Siblings during Caregiving: Differential Costs for Black and White Adult Children." *The Journals of Gerontology: Social Sciences*, 73(7), e86-e97. doi: 10.1093/geronb/gbx149
- 2017 Suito, J. Jill, Megan Gilligan, **Siyun Peng**, Jong Hyun Jung, and Karl Pillemer. "Role of Perceived Maternal Favoritism and Disfavoritism in Adult Children's Psychological Well-being." *The Journals of Gerontology: Social Sciences*, 72(6), 1054–1066. doi: 10.1093/geronb/gbv089
*News coverage by around 145 media outlets in the US, Europe, and Asia, including Cosmopolitan, the London Mirror, Scottish Daily Mail, The Telegraph [UK], ScienceBlog, MSN, Naver [Korea], Futurity Newsletter, Yahoo Parenting, Huffington Post [Italy], Medical News Today, Parent Herald, and RedOrbit.
- 2017 Pillemer, Karl, Catherine Riffin, J. Jill Suito, **Siyun Peng**, and M. Cary Reid. "The Impact of Older Parents' Pain Symptoms on Adult Children." *Pain Medicine*, 18(12), 2316–2324. doi: 10.1093/pm/pnw320
- 2016 Suito, J. Jill, Megan Gilligan, **Siyun Peng**, Gulcin Con, Marissa Rurka, and Karl Pillemer. "My Pride and Joy? Predicting Favoritism and Disfavoritism in Mother–Adult Child Relations." *Journal of Marriage and Family*, 78(4), 908-925. doi: 10.1111/jomf.12288

Book Chapters:

- 2018 **Peng, Siyun**, Merrill Silverstein, J. Jill Suito, Megan Gilligan, Woosang Hwang, Sangbo Nam, and Brianna Routh. "Use of Communication Technology to Maintain Intergenerational Contact: Toward an Understanding of "Digital Solidarity"." In Barbara Barbosa Neves and Cláudia Casimiro (Ed.), *Connecting Families? Information & Communication Technologies in a Life Course Perspective* (pp. 159-180). Bristol, United Kingdom: Policy Press.
- 2018 Rurka, Marissa, J. Jill Suito, **Siyun Peng**, Gulcin Con, Gilligan Megan, and Yifei Hou. "Continuity and Change in Adult Children's Perceptions of Maternal Favoritism: Consequences for Relationships with Siblings in Midlife" In Sybil Hart and Nancy Aaron Jones (Eds.), *The Psychology of Rivalry*. NY: Nova Press.
- 2018 Suito, J. Jill., Megan Gilligan, **Siyun Peng**, and Marissa Rurka. "How Much

Can Be Expected of One Child? Consequences of Multiplexity of Mothers' Favoritism on Adult Children's Psychological Well-being." In Duane F. Alwin, Diane H. Felmlee, and Derek A. Kreager (Eds), *Social Networks and the Life Course: Integrating the Development of Human Lives and Social Relational Networks* (pp. 263-281). Cham, Switzerland: Springer International Publishing.

Encyclopedia Entries:

- 2019 **Peng, Siyun**, Yifei Hou, Megan Gilligan, and J. Jill Suitor. "Parental Differential Treatment." In James J. Ponzetti (Ed.), *Macmillan Encyclopedia of Families, Marriages, and Intimate Relationships*. Boston, MA: Cengage.
- 2018 Suitor, J. Jill, Megan Gilligan, and **Siyun Peng**. "Homophily." In Marc Bornstein (Eds), *The SAGE Encyclopedia of Lifespan Human Development*. Thousand Oaks, CA: Sage. doi: 10.4135/9781506307633.n393
- 2015 Suitor, J. Jill, Gulcin Con, Kaitlin Johnson, **Siyun Peng**, and Megan Gilligan. "Parent-Child Relations." In Susan Krauss Whitbourne (Ed.), *Encyclopedia of Adulthood and Aging*. NY: John Wiley & Sons, Inc. doi: 10.1002/9781118521373.wbeaa161

Under Review:

- R&R **Peng, Siyun**, Adam Roth, and Brea Perry. "Measurement of Social Bridging Capital in Egocentric Network: A Test Using Five Domains of Well-being"
- Under review **Peng, Siyun**, Adam Roth, Liana Apostolova, and Brea Perry. "Cognitively Stimulating Environments and Cognitive Reserve: The Case of Personal Social Networks."

SELECTED CONFERENCE PRESENTATIONS

- 2020 **Peng, Siyun**, Adam Roth, and Brea Perry. "Measurement of Social Bridging Capital in Egocentric Network: A Test Using Five Domains of Well-being" Sunbelt Social Network Conference, Paris, France.
- 2019 **Peng, Siyun**, Shawn Bauldry, Megan Gilligan, and J. Jill Suitor. "Older Mother's Health and Adult Children's Education: Conceptualization of Adult Children's Education and Mother-Child Relationships" Population Association of America, Austin, TX.
- 2018 **Peng, Siyun**, J. Jill Suitor, and Megan Gilligan. "Maternal Differential Treatment and Psychological Well-Being: The Mediating Role of Marital Tension and Sibling Tension." Gerontological Society of America, Boston, MA.
- Suitor, J. Jill, Megan Gilligan, **Siyun Peng**, Marissa Rurka, Jordan Meyer, and Karl Pillemer. "Do Kids Know Who Mom Wants? Accuracy of Adult Children's Perceptions of Mothers' Caregiver Preferences." American Sociological Association, Philadelphia, PA.
- 2017 Suitor, J. Jill, **Siyun Peng**, Megan Gilligan, Marissa Rurka, Jordan Meyer, Gulcin Con, and Karl Pillemer. "Perceptions and Consequences of Adult Children's Perceptions of Maternal Differential Treatment Across Time." International Association of Gerontology and Geriatrics, San Francisco, CA.

- 2016 Rurka, Marissa, J. Jill Suitor, Megan Gilligan, **Siyun Peng**, and Karl Pillemer. "When Adult Children are on the Same Page Regarding Mothers' Need for Care: A Within-Family Approach." Gerontological Society of America, New Orleans, LA.
Peng, Siyun, Megan Gilligan, Brianna R. Giarraputo, J. Jill Suitor, and Sangbo Nam. "Between and Within-Family Differences in Older Mothers' Use of Technology to Maintain Contact with Adult Children." American Sociological Association, Seattle, WA.
- 2015 **Peng, Siyun**, J. Jill Suitor, Megan Gilligan, and Karl Pillemer. "The Long Arm of Maternal Differential Treatment: Effects of Recalled and Current Favoritism on Adult Children's Psychological Well-Being." Gerontological Society of America, Orlando, FL.
 Suitor, J. Jill, Megan Gilligan, **Siyun Peng**, Jong Hyun Jung, and Karl Pillemer. "Role of Perceived Maternal Favoritism and Disfavoritism in Adult Children's Psychological Well-Being." American Sociological Association, Chicago, IL.
 Suitor, J. Jill, Megan Gilligan, **Siyun Peng**, Gulcin Con, Marissa Rurka, and Karl Pillemer. "Differences in the Role of Violated Caregiver Preferences in Black and White Mothers' Psychological Well-Being." Aging Families/Changing Families Conference, Syracuse, NY.
- 2014 Suitor, J. Jill, Megan Gilligan, **Siyun Peng**, and Karl Pillemer. "Psychological Consequences of Mothers' Favoritism and Disfavoritism toward Adult Children." Gerontological Society of America, Washington, DC.
- 2013 Suitor, J. Jill, Megan Gilligan, **Siyun Peng**, and Karl Pillemer. "Garnering Favor and Avoiding Disfavor: Predicting Within-Family Differences in Mother-Adult Child Relations." Gerontological Society of America, New Orleans, LA.

RESEARCH EXPERIENCE

- 2014-18 Research Assistant. "Parent-Child Relations: Within Family Differences II." Funded by the National Institute on Aging (2RO1 AG18869-04), J. Jill Suitor (P.I.)
- 2016 Research Assistant. "Reducing Bias in Empirical Research by Utilizing Replication to Estimate Extent of Bias Produced by Common Practices in Social and Behavioral Sciences." Funded by College of Liberal Arts, Purdue University, Scott Feld (P.I.) and Greg Francis (P.I.)
- 2011 Research Assistant. "Research of Governance Model of Family Planning Work in Wenjiang." Funded by Population and Family Planning Bureau of Wenjiang District of Chengdu City.
- 2011 Research Assistant. "Long-term plan of professional and technical personnel in Chengdu (2012-2020)" Funded by Chengdu Human Resources and Social Security Bureau, Xueyi Wang (P.I.)
- 2010 Research Assistant. "12th Five-Year Plan of Pengan County" Funded by Pengan County Government, Chenggang Yang (P.I.) and Xueyi Wang (Co-P.I.)

TEACHING EXPERIENCE

Teaching:

- 2018 Introduction to Sociology-Online Class (Overall Instructor Rating: 4.8 / 5)
- 2017 Introduction to Statistics in Sociology (Overall Instructor Rating: 4.5 / 5)

2016 Introduction to Sociology (Overall Instructor Rating: 4.4 / 5)

Teaching Assistant:

2017 Research Methods
 2013-17 Introduction to Sociology
 2016 Introduction to Statistics in Sociology
 2015 Sociological Theory
 2014 Sociology of Law

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

American Sociological Association Gerontological Society of America
 Population Association of America

PROFESSIONAL SERVICE

Reviewed for *Journals of Gerontology: Social Sciences, Journals of Gerontology: Psychological Sciences, Aging and Mental Health, Journal of Family Studies, and Innovation in Aging.*

2014-18 Representative of Center on Aging and the Life Course at GSA

CAMPUS SERVICE

2015-16 Graduate student representative to the Fellowship Committee of Sociology department at Purdue University
 2012-13 Vice president of Students' Union, Center of Research for Western China Economics, Southwestern University of Finance and Economics

COMMUNITY SERVICE

2016-17 Tech Team at University Place, West Lafayette, IN
 2012-13 Suicide Prevention Services, Cao's Sister (NGO), China

ADDITIONAL TRAINING & SKILLS

Workshops & Training:

2019 6th Indiana Neuroimaging Symposium by School of Medicine, Indiana University
 2019 Introduction to the Health and Retirement Study (HRS) Workshop by the Institute for Social Research, University of Michigan
 2019 Survey Experiments: Testing Causality in Diverse Samples Workshop by Dr. Trenton Mize, Advanced Methods at Purdue
 2018 Survey Design: How to Implement Best Practices Using Qualtrics Workshop by Dr. Trenton Mize, Advanced Methods at Purdue
 2018 Workflow Best Practices: How to Make the Research Process Efficient and Reproducible Workshop by Dr. Trenton Mize, Advanced Methods at Purdue
 2018 Data & Model Visualization Workshop by Dr. Trenton Mize, Advanced Methods at Purdue
 2018 Mini-Medical School for Social Scientists Workshop & Demography, Economics, Psychology, and Epidemiology of Aging Conference, RAND Summer Institute
 2017 Missing Data Workshop by Dr. Trenton Mize, Advanced Methods at Purdue
 2016 Survival Analysis Workshop by Dr. Paul Allison, Statistical Horizons

Statistical Software:

Stata, R, SPSS, SAS, Python, Snakemake

Language Skills:

English, High-level Conversational and Written

Chinese, Native language