

Peiyi Lu (盧佩儀), PhD, MS, MSW

Contact Information

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The Centennial Campus, HKU, Pokfulam, Hong Kong

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Academic Appointment

- 1/2024- **Assistant Professor**, the University of Hong Kong, Hong Kong
Department of Social Work and Social Administration
- 07/2021-11/2023 **Postdoctoral Research Scientist**, Columbia University, New York, NY, USA
Department of Epidemiology, Mailman School of Public Health

Education

- 08/2017-05/2021 **Ph.D. Gerontology**, Iowa State University, Ames, IA, USA
Home Unit: Political Science
- 08/2019-05/2021 **M.S. Statistics**, Iowa State University, Ames, IA, USA
- 09/2015-06/2017 **Master of Social Work**, Fu Jen Catholic University, New Taipei, Taiwan
- 09/2011-07/2015 **B.A. Journalism**, Sun Yat-Sen University, Guangzhou, China

Research Interests

- Gerontology/Social Policy/Public Health:
Gerontological Social Work, Social Determinants of Health, Health Disparities, Healthy Aging, Social Welfare Policy (healthcare, pension, anti-poverty, food stamps, etc.)
- Quantitative Methodology (primary software: R):
Regression, Multilevel Model, Structural Equation Model, Longitudinal Analysis, Missing data, Casual Inference

Publications (co-first authored†, corresponding authored*)

- 37 Kong, D., **Lu, P.***, Da, J., & Chan, H. Memory trajectories and disability among older couples: the mediating role of depressive symptoms. *Journal of Gerontology B: Psychological Science*. <https://doi.org/10.1093/geronb/gbad163>
- 36 Jawadekar, N., Zimmerman, S., **Lu, P.**, Riley, A., Glymour, MM., Kezios, K., & Zeki Al Hazzouri, A. (2023). A Critique and Examination of the Polysocial Risk Score Approach: Predicting Cognition in the Health and Retirement Study. *American Journal of Epidemiology*.
- 35 Kong, D., Li, X., & **Lu, P.*** (2023) Material hardship and associated mental health among older Americans during COVID-19 pandemic. *Journal of the Society for Social Work and Research*. <https://doi.org/10.1086/727802>
- 34 Sam Varghese, J., **Lu, P.†**, Kobayashi, L., Ali, MK., Patel, S., & Li, C. (2023). Spousal concordance of hypertension among middle-aged and older heterosexual couples around the world: evidence from studies of aging in the USA, England, China, and India. *JAHA: Journal of the American Heart Association*. <https://doi.org/10.1161/JAHA.123.030765>
*CNN coverage <https://edition.cnn.com/2023/12/06/health/high-blood-pressure-couples-study/index.html>
- 33 Xu, C., **Lu, P.**, Pfof, A., Pusic, AL., Hamill, JB., Sidey-Gibbons, C. (2023). Physical well-being recovery trajectories by reconstruction modality in women undergoing mastectomy and breast reconstruction: Significant predictors and healthrelated quality of life outcomes. *PLoS ONE* 18(7): e0289182. <https://doi.org/10.1371/journal.pone.0289182>
- 32 **Lu, P.†**, Kezios, K., Jawadekar, N., Swift, S., Vable, A., & Zeki Al Hazzouri, A. (2023). Associations of Food Insecurity and Memory Function Among Middle to Older-Aged Adults in the Health and Retirement Study. *JAMA Network Open*. 1-15. <http://doi.org/10.1001/jamanetworkopen.2023.21474>
- 31 Kong, D., **Lu, P.***, Lou, V., & Shelley, M. (2023). Insomnia symptom trajectory of spouse caregivers of older adults with functional limitations. *Clinical Gerontologist*. 1-12. <https://doi.org/10.1080/07317115.2023.2211560>
- 30 **Lu, P.***, Kezios, K., Yaffe, K., Kim, S., Zhang, A., Milazzo, F. H., & Zeki Al Hazzouri, A. (2023). Depressive symptoms mediate the relationship between sustained food insecurity and cognitive function: A causal mediation analysis. *Annals of Epidemiology*. 81, 6-13. <https://doi.org/10.1016/j.annepidem.2023.02.009>
- 29 Kong, D., **Lu, P.***, Lee, Y., Wu, B., & Shelley, M. (2023). Health behaviors pattern and associated risk of memory-related disorders among middle-aged and older couples in China. *Research on Aging*, 45(9-10), 666-677. <https://doi.org/10.1177/01640275231157784>
- 28 Kezios, K., **Lu, P.**, Calonico, S., & Zeki Al Hazzouri, A. (2023). History of Low Hourly Wage and All-Cause Mortality Among Middle-aged Workers. *Journal of the American Medical Association (JAMA)*. 329(7), 561-573. <https://doi.org/10.1001/jama.2023.0367>
- 27 **Lu, P.***, Kezios, K., Milazzo, F. H., Jawadekar, N., Shelley, M., & Zeki Al Hazzouri, A. (2023). Racial Differences in Employment and Poverty Histories and Health in Older Age. *American Journal of Preventive Medicine*. 64(4), 543-551. <https://doi.org/10.1016/j.amepre.2022.10.018>

- 26 **Lu, P.**, Kezios, K., Lee, J., Calonico, C., Wimer, C., & Zeki Al Hazzouri, A. (2023). Association between Supplemental Nutrition Assistance Program use and memory decline: Findings from the Health and Retirement Study. *Neurology*. *100*(6), e595-e602.
<https://doi.org/10.1212/WNL.0000000000201499>
 *Chosen as in the American Academy of Neurology's press release program in November 2022
 *CNN coverage: <https://www.cnn.com/2022/11/09/health/elderly-snap-slower-memory-loss-wellness>
- 25 Garcia, M. A., Diminich, E. D., **Lu, P.**, Arevalo, S., Sayed, L., Abdelrahim, R., & Ajrouch, K. J. (2023). Caregiving for Foreign Born Adults with Dementia. *Journal of Gerontology B: Social Science*. *78* (S1), S4-S14. <https://doi.org/10.1093/geronb/gbac153>
- 24 Nelson, I., Kezios, K., Elbejjani, M., **Lu, P.**, Yaffe, K., & Zeki Al Hazzouri, A. (2023). Associations of Religious Engagement and With Cognitive Function in Midlife: The CARDIA study. *Journal of Gerontology B: Social Science*. *78*(4), 684–694.
<https://doi.org/10.1093/geronb/gbac165>
- 23 Kong, D., **Lu, P.***, Solomon, P., Woo, J., & Shelley, M. (2023). Depressive symptom trajectories and cognition among older couples: A dyadic perspective. *Journal of Aging and Health*. *35*(3-4), 282-293. <https://doi.org/10.1177/08982643221125838>
- 22 **Lu, P.†**, Yang, C., Yao, J., Xian, M., & Shelley, M. (2022). Patterns of Outpatient Satisfaction with Primary Healthcare Service among Low-income adults in Rural China: a Latent Class Analysis. *Healthcare*. *10*(8), 1380. <https://doi.org/10.3390/healthcare10081380>
- 21 Kezios, K., Zhang, A., Kim, S., **Lu, P.**, Glymour, M., Elfassy, T., & Zeki Al Hazzouri, A. (2022). Low Hourly Wages in Middle-Age are Associated with Faster Memory Decline in Older Age: Evidence from the Health and Retirement Study. *American Journal of Epidemiology*. *191*(12), 2051-2062. <https://doi.org/10.1093/aje/kwac166>
- 20 **Lu, P.**, & Shelley, M. (2023). Testing the Missingness Mechanism in Longitudinal Surveys: A Case Study Using the Health and Retirement Study. *International Journal of Social Research Methodology*. *26* (4), 439-452. <https://doi.org/10.1080/13645579.2022.2049509>
- 19 Ran, MS., Wang, Y., **Lu, P.**, Weng, X., Zhang, TM., Deng, SY., Li, M., Luo, W., Wong, I., Yang, L., Thornicroft, G., & Lu, L. (2022). Effectiveness of enhancing contact model on reducing stigma of mental illness in family caregivers of persons with schizophrenia in rural China: a cluster randomized controlled trial. *The Lancet Regional Health -Western Pacific*. *22*, 100419.
<https://doi.org/10.1016/j.lanwpc.2022.100419>
- 18 **Lu, P.**, Kong, D., & Shelley, M. (2023). Child-parent relationships and older adults' health: A cross-cultural comparison between China and the United States. *Journal of Family Issues*. *44*(6), 1622-1636. <https://doi.org/10.1177/0192513X211064866>
- 17 **Lu, P.†**, Kong, D., Shelley, M., & Davitt, J. (2022). Intersectional Discrimination Attributions and Health Outcome among American Older Adults: A Latent Class Analysis. *International Journal of Aging and Human Development*. *95*(3), 267-285.
<https://doi.org/10.1177/00914150211066560>
- 16 Kong, D., **Lu, P.***, Kozlov, E., & Shelley, M. (2022). Food insecurity and mental health trajectory among American adults during Covid-19 pandemic: longitudinal evidence from Understanding

- America Study. *Journal of Health Care for the Poor and Underserved*. 33(3), 1230-1244. <https://doi.org/10.1353/hpu.2022.0109>
- 15 **Lu, P.**, Shelley, M., & Kong, D. (2021). Unmet Community Service Needs and Life Satisfaction among Chinese Older Adults: A Longitudinal Study. *Social Work in Public Health*. 36(6), 665-676. <https://doi.org/10.1080/19371918.2021.1948942>
 - 14 **Lu, P.†**, Kong, D., Lee, J., & Shelley, M. (2022). Advance Directive Completion among Older American Couples: A Dyadic Perspective on the Role of Cognitive Function and Other Factors. *Journal of Gerontology B: Social Science*. 77(6), 1144-1153 <https://doi.org/10.1093/geronb/gbab077>
 - 13 **Lu, P.†**, Kong, D., & Shelley, M. (2021). Risk perception, preventive behavior, and medical avoidance among American older adults during the Covid-19 pandemic. *Journal of Aging and Health*. 33(7-8), 577-584. <https://doi.org/10.1177/08982643211002084>
 - 12 Kong, D., **Lu, P.***, Solomon, P. & Shelley, M. (2022). Gender-based depression trajectories following heart disease onset: Significant predictors and health outcomes. *Aging & Mental Health*, 26(4), 754-761. <https://doi.org/10.1080/13607863.2021.1891202>
 - 11 **Lu, P.**, Kong, D., & Shelley, M (2021). Making the Decision to Move to a Nursing Home: Longitudinal Evidence from the Health and Retirement Study. *Journal of Applied Gerontology*. 40(10), 1197–1205. <https://doi.org/10.1177/0733464820949042>
 - 10 **Lu, P.**, Shelley, M., & Liu, Y. L. (2021). Government Transfer and Poverty Alleviation among Older Adults in the United States from 2002 to 2014. *Social Policy and Society*. 20(4), 561-579. <https://doi.org/10.1017/S147474642000041X>
 - 9 **Lu, P.**, Shelley, M., & Liu, Y. L. (2021). Reexamining the Poverty Cycle in Middle and Late Adulthood: Evidence from the Health and Retirement Study 2002-2014. *International Journal of Social Welfare*. 30(2), 140-151. <http://dx.doi.org/10.1111/ijsw.12454>
 - 8 **Lu, P.**, Shelley, M., Chen, Y., & Dong, X. (2022). Kinship Bereavement and Psychological Well-being of U.S. Chinese Older Women and Men. *Journal of Women & Aging*. 34(1), 43-53. <https://doi.org/10.1080/08952841.2020.1774226>
 - 7 **Lu, P.†**, Yang, C., Yao, J., & Shelley, M. (2020). Outpatient and Inpatient Service Use of Chinese Adults Living in Rural Low-Income Households. *Social Work in Public Health*. 35(4), 223-233. <https://doi.org/10.1080/19371918.2020.1774458>
 - 6 **Lu, P.**, Xu, C., & Shelley, M. (2021). A State-of-the-art Review of the Socioecological Correlates of Volunteerism among Older Adults. *Ageing & Society*. 41(8), 1833-1857. <https://doi.org/10.1017/S0144686X20000082>
 - 5 **Lu, P.**, & Shelley, M. (2019). Cumulative Dis/Advantage and Health Pattern in Late Life: A comparison between Genders and Welfare State Regimes. *Social Work in Public Health*. 34(8), 686-700. <https://doi.org/10.1080/19371918.2019.1695035>
 - 4 Lee, Y. H., **Lu, P.†**, Chang, Y. C., Shelley, M., Lee, Y. T., & Liu, C. T. (2021). Associations of alcohol consumption status with activities of daily living among older adults in China. *Journal of Ethnicity in Substance Abuse*. 20(3), 428-443. <https://doi.org/10.1080/15332640.2019.1664961>
 - 3 **Lu, P.**, & Shelley, M (2019). Why Spouses Depress Each Other? A Cross-National Study to Test

- the Shared Resource Hypothesis in Depression Concordance within Older Adult Couples. *Asian Social Work and Policy Review*. 13(3), 307-319. <https://doi.org/10.1111/aswp.12183>
- 2 **Lu, P., & Shelley, M.** (2021). Retirement, Pensions and Depressive Symptoms among Older Adults in China, England, Mexico, and the US. *International Journal of Aging and Human Development*. 92(1), 40-64. <https://doi.org/10.1177/0091415019868227>
- 1 **Lu, P., & Shelley, M.** (2021). Comparing older adult and child protection policies in the United States of America. *Ageing & Society*. 41(2), 273-293. <https://doi.org/10.1017/S0144686X19000990>

Grant support

Changing experiences of Chinese older couples living with mild cognitive impairment in Hong Kong: A longitudinal dyadic mixed-methods investigation (Active)

Name of PI: Dexia Kong

Source of Support: General Research Fund

Project/Proposal Start and End Dates:2024-2027

Role: Co-I

Conferences and Presentations

- Lu, P.,** Elbejjani, M., Chehabeddine, L., Arabi, H., Abi Chahine, M., Kezios, K., Zeki Al Hazzouri, A., Sibai, A. Psychosocial well-being and cognition among older adults in a late life learning program in Lebanon. Late breaking paper presentation at *Gerontological Society of America's 2023 Annual Scientific Meeting*, Tampa, FL, November 8-12, 2023.
- Lu, P.,** Kezios, K., Jawadekar, N., Swift, S., Vable, A., & Zeki Al Hazzouri, A. Food insecurity and memory function among older adult Americans: The Health and Retirement Study. Oral presentation at *2023 Society for Epidemiologic Research Annual Meeting*, Portland, Oregon, June 14-16, 2023.
- Lu, P.,** Kezios, K., & Zeki Al Hazzouri, A. The Effect of Supplemental Nutrition Assistance Program Generosity on Depressive Symptoms among Older Americans. Late breaking poster presentation at *Gerontological Society of America's 2022 Annual Scientific Meeting*, Indianapolis, IN, Nov 2-6, 2022.
- Lu, P.,** Kezios, K., & Zeki Al Hazzouri, A. Racial difference in midlife employment-poverty histories and health: An application of sequence analysis. Poster presentation at *2022 Society for Epidemiologic Research Annual Meeting Annual Meeting*, Chicago, IL, Jun 15-17, 2022.
- Lu, P.,** Kezios, K., Lee, J., Wimer, C., & Zeki Al Hazzouri, A. The Associations of SNAP Use and Memory Function among US Older Adults: Findings from the Health and Retirement Study. Oral presentation at *2022 Society for Epidemiologic Research Annual Meeting Annual Meeting*, Chicago, IL, Jun 15-17, 2022.

- Lu, P.,** Kezios, K., & Zeki Al Hazzouri, A. Depression Mediates the Causal Effect of Food Insecurity Transition on Cognitive Function. Late Breaking Poster at *Gerontological Society of America's 2021 Annual Scientific Meeting*, Nov 10-13, 2021. (Virtual)
- Lu, P.,** Kong, D., Shelley, M. & Davitt, J. (2020). Intersectional Discrimination Attributions and Health Outcome among American Older Adults. Late Breaker Poster presentation at *Gerontological Society of America's 2020 Annual Scientific Meeting*, Nov 4-8, 2020.
- Lu, P.** Yang, C., Yao, J. & Shelley, M. (2020). Outpatient and Inpatient Service Use by Chinese Adults Living in Rural Low-Income Households. Poster presentation at *Gerontological Society of America's 2020 Annual Scientific Meeting*, Nov 4-8, 2020. (Virtual)
- *Received the Emerging Scholar and Professional Organization (ESPO) Poster Award of 2020 GSA conference**
- Lu, P. &** Shelley, M. (2020). A review of methods in testing missingness mechanisms and their applications to social survey data. Paper presentation at *2020 Joint Statistical Meetings*, Aug 2-6, 2020. (Virtual due to COVID-19 pandemic)
- Lu, P. &** Shelley, M. (2019). Cumulative Dis/Advantage and Health Trajectory in Late Life: A Comparison between Four Countries. Paper presentation at *Gerontological Society of America's 71st Annual Scientific Meeting*, Austin, TX, Nov 13-17, 2019.
- *Received the Academy for Gerontology in Higher Education (AGHE) Graduate Student Paper Award of 2019 GSA conference**
- Lu, P.,** Shelley, M. & Liu, Y. L. (2019). Government Transfer and Poverty Alleviation among Older Adults in the United States from 2002 to 2014, Paper presentation at *77th Annual Midwest Political Science Association Conference*, Chicago, IL, Apr 4-7, 2019.
- Lu, P.,** Shelley, M. & Liu, Y. L. (2019). Reexamining the Poverty Cycle in Later Life: Evidence from the Health and Retirement Study 2002-2014, Paper presentation at *77th Annual Midwest Political Science Association Conference*, Chicago, IL, Apr 4-7, 2019.
- Lu, P. &** Shelley, M. (2018). A Cross-National Study to Test the Shared Resource Hypothesis in Depression Concordance within Older Adult Couples. Late Breaker Poster at *Gerontological Society of America's 70th Annual Scientific Meeting*, Boston, MA, Nov 14-18, 2018.
- Lu, P. &** Shelley, M. (2018). Retirement, Pensions and Depression among Older Adults in China, England, Mexico, and the U.S. Paper presentation at *Gerontological Society of America's 70th Annual Scientific Meeting*, Boston, MA, Nov 14-18, 2018.
- *Received the Behavioral and Social Sciences Section Student Research Award – Pre-Dissertation of 2018 GSA conference**
- Lu, P. &** Shelley, M. (2018). Comparing older adult and child protection policies in the United States. Lightning talk at *76th Annual Midwest Political Science Association Conference*, Chicago, IL, Apr 4-8, 2018.

Awards

- 11/2021 The 2020 Chinese Government Award for Outstanding Self-financed Students Abroad, China Scholarship Council
- 04/2021 James Socknat Scholarship, Department of Political Science, ISU
- 04/2021 Research Excellence Award, Graduate College, ISU
- 04/2021 Zaffarano Prize (Honorable Mention), Graduate College, ISU
- 10/2020 Junior Investigator Diversity Fellowship, GSA Mentoring and Career Development Technical Assistance Workshop
- 04/2020 Dwight Ink Graduate Scholarship Award, Department of Political Science, ISU
- 04/2019 Whitaker-Lindgren Scholars in Political Science Award, Department of Political Science, ISU
- 08/2017–05/2019 Presidential Scholar Award, Graduate College, ISU
- 11/2016 Scholarship for outstanding students from mainland China, FJCU
- 08/2014, 08/2012 Excellent student scholarships, SYSU

Additional training

- 8/2023 Regression Discontinuity Designs workshop, ICPSR, University of Michigan, Ann Arbor, MI
- 8/2023 Gateway's Aging Research Hackathon, University of Southern California, Los Angeles, California
- 06/2021 Virtual Summer Data Immersion Program, Michigan Center for Contextual Factors in Alzheimer's Disease, Institute for Social Research, University of Michigan

Teaching

- 2023-2024, 2nd semester **Instructor**, SOWK6193 Social Gerontology, Department of Social Work and Social Administration, the University of Hong Kong
- Spring 2021 **Teaching assistant and lab instructor**, STAT587 Statistical Methods for Research Workers (social science section), Department of Statistics, Iowa State University
- Spring 2021 **Teaching assistant**, STAT326 Introduction to Business Statistics II, Department of Statistics, Iowa State University

Fall 2019 **Teaching assistant**, POLS251 Introduction to International Politics,
Department of Political Science, Iowa State University

Ad hoc reviewer

- Journals of Gerontology B: Social Science; Journal of Applied Gerontology; The Gerontologist; Journal of Aging and Health; Aging & Mental Health; BMC Geriatrics; Journal of Epidemiology & Community Health; SSM-Mental Health; Frontier in Public Health; BMC Public Health; Journal of Health Care for the Poor and Underserved
- Conference abstract review: GSA, SER
- Midwest Political Science Association annual conference discussion panel

Membership

- Gerontological Society of America (GSA), 2018-
- Society for Epidemiologic Research (SER), 2022-2024
- Alzheimer's Association International Society (AAIC), 2022-2023
- Midwest Political Science Association (MPSA), 2017-2020