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Associate Professor of Epidemiology

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RESEARCH INTERESTS

Social epidemiology of aging; cognitive aging and dementia; epidemiologic methods; education, literacy, and health at older ages; data harmonization; cross-national comparisons of aging

EDUCATION AND TRAINING

David E. Bell Postdoctoral Fellow

09/2016-12/2017

Harvard Center for Population and Development Studies

Harvard T. H. Chan School of Public Health, Cambridge, USA

PhD, Epidemiology and Public Health

09/2012-05/2016

Department of Epidemiology & Public Health

University College London, London, UK

MSc, Epidemiology

09/2010-05/2012

Department of Public Health Sciences

Queen's University, Kingston, Canada

BSc, Life Sciences

09/2006-05/2010

Queen's University, Kingston, Canada

ACADEMIC APPOINTMENTS

Associate Director for Research Strategy

05/2025-Present

Center for Global Health Equity

University of Michigan, Ann Arbor, MI, USA

Associate Professor of Global Public Health

09/2024-Present

Office of Global Public Health, School of Public Health

University of Michigan, Ann Arbor, MI, USA

Associate Professor of Epidemiology

09/2024-Present

Department of Epidemiology, School of Public Health

University of Michigan, Ann Arbor, MI, USA

Faculty Associate

09/2022-Present

Survey Research Center, Institute for Social Research
University of Michigan, Ann Arbor, MI, USA

Honorary Senior Researcher

02/2022-Present

MRC/Wits Rural Health and Health Transitions Research Unit (Agincourt)
School of Public Health, Faculty of Health Sciences
University of the Witwatersrand, Johannesburg, South Africa

Assistant Professor of Global Public Health

01/2023-08/2024

Office of Global Public Health, School of Public Health
University of Michigan, Ann Arbor, MI, USA

John G. Searle Assistant Professor of Epidemiology

09/2022-08/2024

Department of Epidemiology, School of Public Health
University of Michigan, Ann Arbor, MI, USA

Assistant Professor of Epidemiology

09/2019-08/2024

Department of Epidemiology, School of Public Health
University of Michigan, Ann Arbor, MI, USA

Assistant Professor

01/2018-08/2019

Population Sciences Division
Lombardi Comprehensive Cancer Center
Georgetown University, Washington, DC, USA

PEER-REVIEWED PUBLICATIONS (n = 178)

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Underline indicates a trainee/student; *indicates authors contributed equally to the work.

1. Noppert GA, Stebbins RC, Zhang KP, **Kobayashi L**, Langa KM, Levin B, Li C, Aiello AE. Associations between immunosenescence and domain-specific cognition in the Health and Retirement Study Harmonized Cognitive Assessment Protocol. *BMC Biol* 2026. doi: 10.1186/s12915-026-02679-4. Epub ahead of print.
2. Tan NS, Pike JR, Bainbridge KE, McKee MM, **Kobayashi LC**, Clarke PJ. Hearing Difficulty, Health Literacy, and Poorer Health Among Adults in the United States: 2016 Behavioral Risk Factor Surveillance Study. *Ear Hear* 2026. doi: 10.1097/AUD.0000000000001852. Epub ahead of print.
3. Theilmann M, Gao S, Bassil DT, Wagner RG, Yu X, Tchetgen Tchetgen E, Rosenberg M, Roberts-Toler C, Maughan-Brown B, **Kobayashi L**, Kelham C, Kahn K, Joska J, Harling G, Gutierrez J, Chinogurei C, Rohr JK, Manne-Goehler J. Episodic memory trajectories of older adults with and without HIV: A longitudinal population-based study in rural South Africa. *PLOS Glob Public Health* 2026;6(6):e0006572.
4. Cheng GJ, Wang L, Cho TC, Gross AL, **Kobayashi LC**. The association between lifetime marital histories and later-life cognitive function: evidence from the United States and China. *J Gerontol B Psychol Sci Soc Sci* 2026;81(8):gbag110.
5. Barry MR, Sonnevile KR, Needham BL, **Kobayashi LC**, Leung CW. Household Food Insecurity across Childhood and Weight Change Attempts in Early Adolescence: Findings

from a Nationally Representative Cohort of United States Youth. *Curr Dev Nutr* 2025;10(4):107554. doi: 10.1016/j.cdnut.2025.107554.

6. Zeng Y, Huang S, Lu P, Luo L, Lu H, Yu X, Ma C, Huang Y, **Kobayashi LC**, Guo L, Li C. Association and mediating pathways between intergenerational educational mobility and depressive symptoms: findings from high- and middle-income countries. *BMC Med* 2026;24(1):302.
7. Guo M, Mani SS, Gross AL, Karvonen-Gutierrez CA, Reeves A, Langa KM, **Kobayashi LC**. Age at natural menopause and cognitive aging in U.S. women: Educational attainment as a modifiable resilience factor. *Maturitas* 2026;207:108884. doi: 10.1016/j.maturitas.2026.108884.
8. Rosenberg M, Beidelman E, Chen X, Kahn K, Kabudula CW, **Kobayashi LC**. Cohort Prevalence Estimates Are Sensitive to Prebaseline Mortality: A Research Note Using Cognitive Impairment Data From the HAALSI Cohort in Rural South Africa. *Demography* 2026;63(1):79-95. doi: 10.1215/00703370-12479730.
9. Strangmann IM, Briceño E, Petrosyan S, Meijer E, Nichols E, **Kobayashi LC**, Narayanan S, Lee J, Rentería MA. The association between multilingualism and cognitive function among literate and illiterate older adults with low education in India. *Alzheimers Dement Behav Socioecon Aging* 2025;1(2):e70018. doi: 10.1002/bsa3.70018.
10. Westrick AC, Wallner LP, Gross AL, Langa KM, **Kobayashi LC**. Cross national comparison of memory function before and after a cancer diagnosis in the United States and England. *J Cancer Surviv* 2026. doi: 10.1007/s11764-026-01969-8. Epub ahead of print.
11. Nichols E, Jones RN, Gross AL, Hayes-Larson E, Meijer E, Renteria MA, **Kobayashi LC**, Lee J. Exploring the association between higher education and steeper cognitive decline in a nationally representative longitudinal study in India. *Am J Epidemiol* 2026;195(6):1596-1604. doi: 10.1093/aje/kwag009.
12. Cho TC, Westrick AC, Adar SD, Choi HJ, Langa KM, **Kobayashi LC**. Memory Trajectories Before and After a Negative Wealth Shock, the United States Health and Retirement Study, 1998-2020. *Am J Epidemiol* 2025:kwaf272. doi: 10.1093/aje/kwaf272.
13. Higgins Tejera C, Zhu P, Ware EB, Hicken MT, Zawistowski M, **Kobayashi LC**, Seblova D, Manly J, Mukherjee B, Bakulski KM. DNA methylation age acceleration mediates the relationship between systemic inflammation and cognitive impairment. *Epigenomics* 2025;17(18):1399-1409. doi: 10.1080/17501911.2025.2595905.
14. Nichols E, Gross AL, Hayes-Larson E, Meijer E, **Kobayashi LC**, Lee J. Estimating cognitive decline in longitudinal studies with high mortality and a long interwave period: A comparison of approaches and considerations around integrating end-of-life interview data. *Alzheimers Dement* 2025;21(11):e70951. doi: 10.1002/alz.70951.
15. Mani SS, Kezios KL, Delaporte M, Cho TC, Rojas-Saunero LP, Weuve J, Avila-Rieger J, **Kobayashi LC**. Later-life cognitive function at the intersection of gender and occupation across Harmonized Cognitive Assessment Protocols (HCAPs) in the United States, Chile, Mexico, India, and South Africa. *Alzheimers Dement* 2025;21(11):e70923. doi: 10.1002/alz.70923.

16. Ware EB, Zhu P, Noppert G, Fu M, Benbow M, **Kobayashi LC**, Ryan LH, Bakulski KM. Associations of perceived neighborhood factors and Alzheimer's disease polygenic score with cognition: Evidence from the Health and Retirement Study. *PLOS One* 2025;20(11):e0336403. doi: 10.1371/journal.pone.0336403.
17. O'Shea BQ, Milan RA, Gross AL, Powell DS, **Kobayashi LC**, Steptoe A. Do self-reported and objective hearing measures similarly relate to general and domain-specific cognition? Observational cohort study of older adults in England. *BMJ Open* 2025;15(11):e102045. doi: 10.1136/bmjopen-2025-102045.
18. Brotzman LE, Kullgren JT, **Kobayashi LC**, Zikmund-Fisher BJ; University of Michigan National Poll on Healthy Aging Team. Older adults' interest and concerns about life expectancy information for cancer screening decisions: Results from the National Poll on Healthy Aging. *Prev Med Rep* 2025;59:103257. doi: 10.1016/j.pmedr.2025.103257.
19. Briceño EM, Bassil DT, Khobragade P, Ngugi A, El Bejjani M, Ochieng E, Mejia-Arango S, Douhou S, Kulisewa K, Arce Rentería M, Gross AL, Jones RN, Lee J, Langa KM, **Kobayashi LC**. Recommended best practices for construct-centered adaptation of the Harmonized Cognitive Assessment Protocol. *J Gerontol B Psychol Sci Soc Sci* 2025:gbaf201. doi: 10.1093/geronb/gbaf201.
20. Gross AL, Mani SS, Weir D, Briceño EM, Rentería MA, Nichols E, Jones RN, Manly JM, Langa KM, Ikanga J, Lee J, **Kobayashi LC**. Harmonized Cognitive Assessment Protocol (HCAP): What Makes an HCAP an HCAP? An Adaptive Architecture for Measuring Cognitive Aging Around the World. *J Gerontol B Psychol Sci Soc Sci* 2025:gbaf202. doi: 10.1093/geronb/gbaf202. Epub ahead of print.
21. Nichols E, Gross AL, **Kobayashi LC**, Langa KM, Lee J. The measurement of cognition in large-scale cross-national surveys: Lessons from the Health and Retirement International Network of Studies and the Harmonized Cognitive Assessment Protocol. *J Gerontol B Psychol Sci Soc Sci* 2025:gbaf200. doi: 10.1093/geronb/gbaf200. Epub ahead of print.
22. Flesaker M, Kraal AZ, Avila-Rieger JF, Glymour MM, Gradus JL, Briceño EM, Manly JJ, **Kobayashi LC**, Pescador Jimenez M. Cognitive data harmonization across two racially diverse cohorts in the United States. *Alzheimers Dement Behav Socioecon Aging* 2025;1(3):10.1002/bsa3.70037. doi: 10.1002/bsa3.70037.
23. Chen R, Lee H, Wang J, Yang Y, S Okuzono S, Nishimi K, **Kobayashi L**, Glymour MM, Kubzansky LD. Independent and Joint Associations of Key Social Exposome Components with Cognitive Aging: Triangulating Evidence Through Cross-National Data. *Am J Epidemiol* 2025:kwaf189. doi: 10.1093/aje/kwaf189. Epub ahead of print.
24. Flood D, Green H, Gross A, **Kobayashi LC**, Levine DA, Lee J, Wixom CR, Langa KM. Diabetes and cognitive health in India: a nationally representative survey of adults aged 45 years and older. *BMJ Open* 2025;15(7):e074794. doi: 10.1136/bmjopen-2023-074794.
25. Yu X, Zeki Al Hazzouri A, Cho TC, Zahodne LB, Gross AL, Needham BL, Langa KM, **Kobayashi LC**. Cumulative loneliness and memory function among U.S. older adults: the role of depressive symptoms. *J Gerontol A Biol Sci Med Sci* 2025;80(8):glaf143. doi: 10.1093/gerona/glaf143.

26. Jock J, Beidelman ET, Phillips M, **Kobayashi LC**, Chen X, Tollman S, Kabudula CW, Bassil DT, Wagner R, Berkman L, Rosenberg M. Effects of pension eligibility expansion on men's memory decline and dementia probability: Findings from the HAALSI cohort in rural South Africa, 2014-2021. *PLOS One* 2025;20(6):e0326321. doi: 10.1371/journal.pone.0326321.
27. Cho TC, Yu X, **Kobayashi LC**. Family availability and memory function and decline among adults aged ≥ 51 in England and the United States, 2004-2019. *SSM Popul Health* 2025;31:101824. doi: 10.1016/j.ssmph.2025.101824.
28. Zhang YS, Gross AL, Dougherty RJ, **Kobayashi LC**, Schrack JA, Freedman VA. Co-calibration of cognitive performance in the National Health and Aging Trends Study with the Health and Retirement Study's Harmonized Cognitive Assessment Protocol: Implications for dementia classification. *SSM Popul Health* 2025;30:101796. doi: 10.1016/j.ssmph.2025.101796.
29. Gross AL, Liu Y, Zhang YS, Zhao Y, Li C, Meijer E, Lee J, **Kobayashi LC**. Language, literacy, and sensory impairments and missing cognitive test scores in the Harmonized Cognitive Assessment Protocol of the China Health and Retirement Longitudinal Study. *Aging Clin Exp Res* 2025;37(1):146. doi: 10.1007/s40520-025-03039-y.
30. Chakraborty R, Beidelman ET, Klein M, **Kobayashi LC**, Eyal K, Kabudula CW, Rosenberg M. Expanded child support grant eligibility and later-life mortality among mothers in rural South Africa. *Glob Public Health* 2025;20(1):2483870. doi: 10.1080/17441692.2025.2483870.
31. Zhu P, **Kobayashi LC**, Westrick AC. Comparison of middle aged and older cancer survivors in the US Health and Retirement Study (HRS) and the Surveillance, Epidemiology, and End Results (SEER). *Cancer Causes Control* 2025;36(8):833-844. doi: 10.1007/s10552-025-01986-5.
32. Cho TC, Yu X, Adar SD, Choi H, Langa KM, **Kobayashi LC**. Changes in marital and health status as risk factors for a subsequent negative wealth shock: A population-based longitudinal study in the United States, 1995-2020. *Soc Sci Med* 2025;371:117905. doi: 10.1016/j.socscimed.2025.117905. [Epub ahead of print]
33. Wu Y, Zhang YS, **Kobayashi LC**, Mayeda ER, Gross AL. How to assess cognitive decline when test administration changes across study waves? Harmonizing cognitive scores across waves in the China Health and Retirement Longitudinal Study. *J Alzheimers Dis Rep* 2024;8(1):1661-1669. doi: 10.1177/25424823241302759.
34. Guo M, Wu Y, Gross AL, Karvonen-Gutierrez C, **Kobayashi LC**. Age at menopause and cognitive function and decline among middle-aged and older women in the China Health and Retirement Longitudinal Study, 2011-2018. *Alzheimers Dement* 2025;21(2):e14580. doi: 10.1002/alz.14580.
35. Cox CG, Brush BL, **Kobayashi LC**, Roberts JS. Determinants of dementia diagnosis in U.S. primary care in the past decade: A scoping review. *J Prev Alzheimers Dis* 2025;12(2):100035. doi: 10.1016/j.tjpad.2024.100035.

36. Westrick AC, Yu X, O'Shea B, **Kobayashi LC**. Effect of social support on memory ageing of middle-aged and older cancer survivors: a marginal structural modelling approach. *J Epidemiol Community Health* 2025;79(7):484-90. doi: 10.1136/jech-2024-222962.
37. Yu X, Jones RN, **Kobayashi LC**, Gross AL. Cross-national statistical harmonization of the Center for Epidemiologic Studies Depression (CES-D) scale among older adults in China, England, India, Mexico, South Africa, and the United States. *J Clin Epidemiol* 2025;178:111623. doi: 10.1016/j.jclinepi.2024.111623.
38. Hayes-Larson E, Gradwohl NM, Fong J, **Kobayashi LC**, Gilsanz P, Whitmer RA, Glymour MM, Barnes LL, Koenen KC, DeCarli C, Fletcher E, Mungas D, Mayeda ER. Childhood adversity and late-life cognitive and brain health in a diverse cohort. *Alzheimers Dement* 2025;21(1):e14388. doi: 10.1002/alz.14388.
39. Srikantha S, Manne-Goehler J, **Kobayashi LC**, Flood D, Koton S, Gross AL. Type II diabetes and cognitive function among older adults in India and China-results from Harmonized Cognitive Assessment Protocol studies. *Front Public Health* 2024;12:1474593. doi: 10.3389/fpubh.2024.1474593.
40. Li C, Zhang Y, Noppert G, Al Hazzouri AZ, Gross A, **Kobayashi L**. Education, urbanicity of residence, and cardiometabolic biomarkers among middle-aged and older populations in the US, Mexico, China, and India. *SSM Popul Health* 2024;28:101716. doi: 10.1016/j.ssmph.2024.101716.
41. Morris EP, Palms JD, Scambray K, Lee JH, Sol K, Jones LM, Smith J, **Kobayashi LC**, Zahodne LB. Interpersonal, Community, and Societal Stressors Mediate Black-White Memory Disparities. *J Gerontol B Psychol Sci Soc Sci*. 2024:gbae163. doi: 10.1093/geronb/gbae163.
42. Rosenberg M, Beidelman ET, Chen X, Whiteson Kabudula C, Pettifor A, Bassil DT, Berkman L, Kahn K, Tollman S, **Kobayashi LC**. Effect of a cash transfer intervention on memory decline and dementia probability in older adults in rural South Africa. *Proc Natl Acad Sci U S A*. 2024;121(40):e2321078121. doi: 10.1073/pnas.2321078121.
43. **Kobayashi LC**, Peterson RL, Yu X, Avila-Rieger J, Amofa-Ho PA, Vila-Castelar C, Meza E, Shaaban CE, Whitmer RA, Gilsanz P, Mayeda ER. Life course financial mobility and later-life memory function and decline by gender, and race and ethnicity: an intersectional analysis of the US KHANDLE and STAR cohort studies. *Lancet Healthy Longev* 2024;100613. doi: 10.1016/S2666-7568(24)00129-6.
44. Beidelman ET, Chakraborty R, Jock J, Whiteson Kabudula C, Phillips ML, Kahn K, Eyal K, Bassil DT, Berkman L, **Kobayashi LC**, Rosenberg M. Impact of the South African Child Support Grant on memory decline and dementia probability in rural and low-income mothers, 2014-2021. *Soc Sci Med* 2024;358:117217. doi: 10.1016/j.socscimed.2024.117217.
45. Higgins Tejera C, Ware EB, Hicken MT, **Kobayashi LC**, Wang H, Blostein F, Zawistowski M, Mukherjee B, Bakulski KM. The mediating role of systemic inflammation and moderating role of racialization in disparities in incident dementia. *Commun Med (Lond)* 2024;4(1):142. doi: 10.1038/s43856-024-00569-w.

46. Yu X, Zahodne LB, Gross AL, Needham BL, Langa KM, Cho TC, **Kobayashi LC**. Could differential under-reporting of loneliness between men and women bias the gender-specific association between loneliness duration and rate of memory decline? A probabilistic bias analysis of effect modification. *Am J Epidemiol* 2024;kwae186. doi: 10.1093/aje/kwae186. Epub ahead of print.
47. Finlay J, Meltzer G, O'Shea B, **Kobayashi L**. Altered place engagement since COVID-19: A multi-method study of community participation and health among older Americans. *Wellbeing Space Soc* 2024;6:100184. doi: 10.1016/j.wss.2024.100184.
48. Yu X, Gill A, Chakraborty R, Kabudula CW, Wagner RG, Bassil DT, Farrell MT, Tollman SM, Kahn K, Rosenberg MS, **Kobayashi LC**. Mid-Life Household Food Insecurity and Subsequent Memory Function and Rate of Decline in Rural South Africa, 2004-2022. *Neuroepidemiol* 2024;1-10. doi: 10.1159/000539578. Epub ahead of print.
49. Westrick AC, Zhu P, Friese CR, Langa KM, **Kobayashi LC**. The association of pre-cancer diagnosis cardiovascular risk factors with memory aging after a cancer diagnosis, overall and by race/ethnicity. *J Cancer Surviv* 2024. doi: 10.1007/s11764-024-01593-4. Epub ahead of print.
50. Westrick AC, Ospina-Romero M, Clarke P, Langa KM, **Kobayashi LC**. Does neighborhood socioeconomic status alter memory change associated with a cancer diagnosis? Preliminary evidence from the US Health and Retirement Study. *Cancer Epidemiol Biomarkers Prev* 2024;33(7):953-60. doi: 10.1158/1055-9965.EPI-23-1554.
51. Chang H, Jock J, Rosenberg MS, Li C, Cho TC, Gaziano TA, Lisabeth L, **Kobayashi LC**. The Impact of the Older Person's Grant Expansion on Hypertension Among Older Men in Rural South Africa: Findings From the HAALSI Cohort. *Innov Aging* 2024;8(4):igae010. doi: 10.1093/geroni/igae010. PMID:
52. Jock J, Beidelman ET, **Kobayashi LC**, Tollman S, Phillips M, Kabudula CW, Rosenberg M. The Impact of Old Age Pension Eligibility on Alcohol Consumption: Evidence From a Population-Based Study in Rural South Africa. *Innov Aging* 2024;8(4):igad136. doi: 10.1093/geroni/igad136.
53. Chakraborty R, **Kobayashi LC**, Jock J, Wing C, Chen X, Phillips M, Berkman L, Kahn K, Kabudula CW, Rosenberg M. Child support grant expansion and cognitive function among women in rural South Africa: Findings from a natural experiment in the HAALSI cohort. *PLOS One* 2024;19(3):e0297673. doi: 10.1371/journal.pone.0297673.
54. Yu X, Kabudula CW, Wagner RG, Bassil DT, Farrell MT, Tollman SM, Kahn K, Berkman LF, Rosenberg MS, **Kobayashi LC**. Mid-life employment trajectories and subsequent memory function and rate of decline in rural South Africa, 2000-22. *Int J Epidemiol* 2024;53(2):dyae022. doi: 10.1093/ije/dyae022.
55. **Kobayashi LC**, Jones RN, Briceño EM, Rentería MA, Zhang Y, Meijer E, Langa KM, Lee J, Gross AL. Cross-national comparisons of later-life cognitive function using data from the Harmonized Cognitive Assessment Protocol (HCAP): Considerations and recommended best practices. *Alzheimers Dement* 2024. doi: 10.1002/alz.13694.

56. Zhang YS, O'Shea B, Yu X, Cho TC, Zhang KP, Kler J, Langa KM, Weir DR, Gross AL, **Kobayashi LC**. Educational Attainment and Later-life Cognitive Function in High- and Middle-income Countries: Evidence from the Harmonized Cognitive Assessment Protocol. *J Gerontol B Psychol Sci Soc Sci* 2024;gbae005. doi: 10.1093/geronb/gbae005.
57. Khan AM, Lin P, Kamdar N, Mahmoudi E, Latham-Mintus K, **Kobayashi L**, Clarke P. Location Matters: The Role of the Neighborhood Environment for Incident Cardiometabolic Disease in Adults Aging With Physical Disability. *Am J Health Promot* 2024;8901171241228017. doi: 10.1177/08901171241228017.
58. **Kobayashi LC**, O'Shea BQ, Wixom C, Jones RN, Langa KM, Weir D, Lee J, Wong R, Gross AL. Lifetime occupational skill and later-life cognitive function among older adults in the United States, Mexico, India, and South Africa. *Alzheimers Dement* 2023. doi: 10.1002/alz.13665.
59. Yu X, Cho TC, Westrick AC, Chen C, Langa KM, **Kobayashi LC**. Association of cumulative loneliness with all-cause mortality among middle-aged and older adults in the United States, 1996 to 2019. *Proc Natl Acad Sci U S A* 2023;120(51):e2306819120. doi: 10.1073/pnas.2306819120.
60. Varghese JS, Lu P, Choi D, **Kobayashi LC**, Ali MK, Patel SA, Li C. Spousal Concordance of Hypertension Among Middle-Aged and Older Heterosexual Couples Around the World: Evidence From Studies of Aging in the United States, England, China, and India. *J Am Heart Assoc* 2023;12(24):e030765. doi: 10.1161/JAHA.123.030765.
61. Westrick AC, **Kobayashi LC**, Kirch M, Singer D, Malani PN, Kullgren JT, Solway E, Finlay JM. The Joys and Stresses of Social Relationships and the Effect on Resiliency During the Covid-19 Pandemic: A National Survey of US Older Adults. *Gerontologist* 2023;gnad141. doi: 10.1093/geront/gnad141.
62. Finlay J, Eastman M, **Kobayashi L**. "Please don't let me become a statistic in this grocery store": Civic engagement among older Americans since the COVID-19 pandemic onset. *Soc Sci Med* 2023;337:116267. doi: 10.1016/j.socscimed.2023.116267.
63. Wang J, Sims KD, Ackley SF, Chen R, **Kobayashi LC**, Hayes-Larson E, Mayeda ER, Buto P, Zimmerman SC, Graff RE, Glymour MM. Association of cancer history with structural brain aging markers of Alzheimer's disease and related dementias risk. *Alzheimers Dement* 2023. doi: 10.1002/alz.13497.
64. Gross AL, Li C, Briceño EM, Arce Rentería M, Jones RN, Langa KM, Manly JJ, Nichols E, Weir D, Wong R, Berkman L, Lee J, **Kobayashi LC**. Harmonisation of later-life cognitive function across national contexts: results from the Harmonized Cognitive Assessment Protocols. *Lancet Healthy Longev* 2023;4(10):e573-e583. doi: 10.1016/S2666-7568(23)00170-8.
65. Arce Rentería M, Briceño EM, Chen D, Saenz J, **Kobayashi LC**, Gonzalez C, Vonk JMJ, Jones RN, Manly JJ, Wong R, Weir D, Langa KM, Gross AL. Memory and language cognitive data harmonization across the United States and Mexico. *Alzheimers Dement (Amst)* 2023;15(3):e12478. doi: 10.1002/dad2.12478.

66. Amofa-Ho PA, Stickel AM, Chen R, **Kobayashi LC**, Glymour MM, Eng CW; Alzheimer's Disease Neuroimaging Initiative. The Mediating Roles of Neurobiomarkers in the Relationship Between Education and Late-Life Cognition. *J Alzheimers Dis* 2023;95(4):1405-1416. doi: 10.3233/JAD-230244.
67. Wang J, Buto P, Ackley SF, **Kobayashi LC**, Graff RE, Zimmerman SC, Hayes-Larson E, Mayeda ER, Asiimwe SB, Calmasini C, Glymour MM. Association between cancer and dementia risk in the UK Biobank: evidence of diagnostic bias. *Eur J Epidemiol* 2023;38(10):1069-1079. doi: 10.1007/s10654-023-01036-x.
68. Zhang B, Weuve J, Langa KM, D'Souza J, Szpiro A, Faul J, Mendes de Leon C, Gao J, Kaufman JD, Sheppard L, Lee J, **Kobayashi LC**, Hirth R, Adar SD. Comparison of Particulate Air Pollution From Different Emission Sources and Incident Dementia in the US. *JAMA Intern Med* 2023;183(10):1080-1089. doi: 10.1001/jamainternmed.2023.3300.
69. Cho TC, Yu X, Gross AL, Zhang YS, Lee J, Langa KM, **Kobayashi LC**. Negative wealth shocks in later life and subsequent cognitive function in older adults in China, England, Mexico, and the USA, 2012-18: a population-based, cross-nationally harmonised, longitudinal study. *Lancet Healthy Longev* 2023;4(9):e461-e469. doi: 10.1016/S2666-7568(23)00113-7.
70. Westrick AC, Avila-Rieger J, Gross AL, Hohman T, Vonk JMJ, Zahodne LB, **Kobayashi LC**. Does education moderate gender disparities in later-life memory function? A cross-national comparison of harmonized cognitive assessment protocols in the United States and India. *Alzheimers Dement* 2024;20(1):16-24. doi: 10.1002/alz.13404.
71. Higgins Tejera C, Ware EB, **Kobayashi LC**, Fu M, Hicken M, Zawistowski M, Mukherjee B, Bakulski KM. Decomposing interaction and mediating effects of race/ethnicity and circulating blood levels of cystatin C on cognitive status in the United States health and retirement study. *Front Hum Neurosci* 2023;17:1052435. doi: 10.3389/fnhum.2023.1052435.
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168. **Kobayashi LC**, Wardle J, Wolf MS, von Wagner C. Cognitive function and health literacy decline in a cohort of older English adults. *J Gen Intern Med* 2015;30(7):958-64.
169. **Kobayashi LC**, Smith SG, O'Connor R, Curtis LM, Park D, von Wagner C, Deary IJ, Wolf MS. The role of cognitive function in the relationship between age and health literacy: a cross-sectional analysis of older adults in Chicago, USA. *BMJ Open* 2015;5(4):e007222.
170. Lo SH, Waller J, Vrinten C, **Kobayashi LC**, von Wagner C. Social cognitive mediators of sociodemographic differences in colorectal cancer screening uptake. *Biomed Res Int* 2015;2015:165074.
171. Smith SG, Forster A, **Kobayashi LC**. Predictors of human papillomavirus awareness and knowledge in 2013: the importance of health literacy. *Am J Prev Med* 2015;49(1):e5-e7.
172. Solmi F, von Wagner C, **Kobayashi LC**, Wardle J, Raine R, Morris S. Decomposing socio-economic inequality in colorectal cancer screening uptake in England. *Soc Sci Med* 2015;134:76-86.
173. **Kobayashi LC**, Wardle J, von Wagner C. Limited health literacy is a barrier to colorectal cancer screening in England: evidence from the English Longitudinal Study of Ageing. *Prev Med* 2014;61:100-5.
174. **Kobayashi LC**, Janssen I, Richardson H, Lai AS, Spinelli JJ, Aronson KJ. A case-control study of lifetime light intensity physical activity and breast cancer risk. *Cancer Causes Control* 2014;25(1):133-40.
175. Wallingford S, Jones G, **Kobayashi LC**, Grundy A, Miao Q, Tranmer J, Aronson KJ. UV and dietary predictors of serum 25-hydroxyvitamin D concentrations among young working

nurses and implications for bone density and skin cancer. *Public Health Nutr* 2014;17(4):772-9.

176. **Kobayashi LC**, Janssen I, Richardson H, Lai AS, Spinelli JJ, Aronson KJ. Moderate-to-vigorous intensity physical activity across the life course and risk of pre- and post-menopausal breast cancer. *Breast Cancer Res Treat* 2013;139:851-61.
177. **Kobayashi LC**, Limburg H, Miao Q, Bedard L, Woolcott C, Massey TE, Aronson KJ. Folate intake, alcohol consumption, and the methylenetetrahydrofolate (MTHFR) C677T gene polymorphism: influence on prostate cancer risk and interactions. *Front Oncol* 2012;2:100.
178. **Kobayashi LC**. The future of primary cancer prevention in Canada: Reaching for every ounce of prevention means reaching for equity. *Health Science Inquiry* 2011;2:52-3. (Winner: Top Cancer Prevention Submission, 2011)

EDITORIALS (n = 3)

1. **Kobayashi LC**, Ehrlich JR. Closing the Data Gaps on Trends in Dementia and Related Care in Low- and Middle-Income Countries. *J Gerontol A Biol Sci Med Sci* 2024;79(Supplement_1):S5-S6. doi: 10.1093/gerona/glae189.
2. Mehta NK, **Kobayashi LC**, Ehrlich JR, Freedman VA. Introduction to Supplement on Multidisciplinary Perspectives on Dementia and Related Population Health Trends. *J Gerontol A Biol Sci Med Sci* 2024;79(Supplement_1):S1-S4. doi: 10.1093/gerona/glae212.
3. **Kobayashi LC**. Adverse Childhood Experiences and Later-Life Cognitive Aging: Persistent Methodological Challenges Limit the Evidence Base. *J Gerontol A Biol Sci Med Sci* 2024;79(8):glae138. doi: 10.1093/gerona/glae138.

PRE-PRINTS (n = 6)

1. Ware EB, Zhu P, Noppert G, Fu M, Benbow M, **Kobayashi LC**, Ryan LH, Bakulski KM. Associations of Perceived Neighborhood Factors and Alzheimer's Disease Polygenic Score with Cognition: Evidence from the Health and Retirement Study. medRxiv [Preprint]. 2025 Mar:2025.03.14.25324002. doi: 10.1101/2025.03.14.25324002.
2. Tejera CH, Zhu P, Ware EB, Hicken MT, Zawistowski M, **Kobayashi LC**, Seblova D, Manly J, Mukherjee B, Bakulski KM. DNA Methylation Age Acceleration Mediates the Relationship between Systemic Inflammation and Cognitive Impairment. medRxiv [Preprint]. 2024 Jul 25:2024.07.24.24310948. doi: 10.1101/2024.07.24.24310948.
3. Rosenberg M, Beidelman ET, Chen X, Kabudula C, Pettifor A, Bassil DT, Berkman L, Kahn K, Tollman S, **Kobayashi LC**. Effect of a Cash Transfer Intervention on Memory Decline and Dementia Probability in Older Adults in Rural South Africa: An Ancillary Extension to a Phase 3 Randomized Controlled Trial. SSRN [Preprint]. 27 Sept 2023. <http://dx.doi.org/10.2139/ssrn.4583106>
4. Gross AL, Li C, Briceno EM, Rentería MA, Jones RN, Langa KM, Manly JJ, Nichols EL, Weir D, Wong R, Berkman L, Lee J, **Kobayashi LC**. Harmonization of Later-Life Cognitive Function Across National Contexts: Results from the Harmonized Cognitive Assessment

Protocols (HCAPs). medRxiv [Preprint]. 2023 Jun 12:2023.06.09.23291217. doi: 10.1101/2023.06.09.23291217.

5. Higgins Tejera C, Ware EB, Hicken MT, **Kobayashi LC**, Wang H, Adkins-Jackson PB, Blostein F, Zawistowski M, Mukherjee B, Bakulski KM. The Mediating Role of Systemic Inflammation and Moderating Role of Race/Ethnicity in Racialized Disparities in Incident Dementia: A Decomposition Analysis. medRxiv [Preprint]. 2023 Mar 28:2023.03.22.23287593. doi: 10.1101/2023.03.22.23287593.
6. Chakraborty R, **Kobayashi LC**, Jock J, Wing C, Chen X, Phillips M, Berkman L, Kahn K, Kabudula CW, Rosenberg M. Child Support Grant expansion and cognitive function among women in rural South Africa: findings from a natural experiment in HAALSI cohort. medRxiv [Preprint]. 2023 Feb 19:2023.02.18.23286130. doi: 10.1101/2023.02.18.23286130.

BOOK CHAPTERS (n = 1)

1. Mayeda ER, Binder AM, **Kobayashi LC**. Life course epidemiology and analysis. In: Detels R, Abdool Karim Q, Leyland A, Li L, Baum F, editors. Oxford Textbook of Global Public Health. 7th ed. Oxford: Oxford University Press; 2022, p. 275-290.

RESEARCH GRANTS

a. Pending

PF5AG107180
NIH/NIH

Kobayashi, Richter (MPIs)

04/01/2027-03/31/2032

SHARE-HCAP-2: Harmonized Data on Alzheimer's Disease and Related Dementias in European Populations

Role: Co-Principal Investigator (contact PI)

R01AG096229
NIH/NIA

Patrick (PI)

04/01/2026-03/31/2031

Adding Cognitive Assessments to the Monitoring the Future (MTF) Panel Study

Role: Co-Investigator

R01AG096323

Wallner (PI)

07/01/2026-06/30/2031

Mild Cognitive Impairment in Older Adults: Impact on cancer treatment receipt, decision-making, and outcomes

Role: Co-Investigator

b. Present and Active

R01AG070953
NIH/NIA

Kobayashi, Gross (MPIs)

04/01/2021-03/31/2031

Socioeconomic, Cardiovascular, and Psychosocial Sources of Cross-National Variation in Cognitive Health Among Older Adults

Role: Co-Principal Investigator (contact PI)

R25AG095537
NIH/NIA

Jones, Kobayashi (MPIs)

09/20/2025-05/31/2030

Best Practices for the Measurement and Analysis of Cognitive Data in the International Health and Retirement Study (HRS) Family and its Harmonized Cognitive Assessment Protocol (HCAP)

Role: Co-Principal Investigator (non-contact PI)

R01AG093721 Ehrlich, Ngugi (MPIs) 08/15/2025-06/30/2030
NIH/NIA

The Longitudinal Study of Health and Ageing in Kenya (LOSHAK): A Population Study of Health, Wellbeing, Economics, and AD/ADRD in Older Kenyan Adults

Role: Co-Investigator

T32AG027708 Kobayashi, Mezuk (MPIs) 08/01/2025-07/31/2030
NIH/NIA

Interdisciplinary Research Training in Health and Aging

Role: Co-Principal Investigator (contact PI)

U24AG065182 Langa, Kobayashi (MPIs) 09/30/2024-06/30/2029
NIH/NIA

Research Network for the Harmonized Cognitive Assessment Protocol (HCAP): Years 6-10

Role: Co-Principal Investigator (non-contact PI)

RF1AG087965 Kobayashi, Lee (MPIs) 09/23/2024-08/31/2027
NIH/NIA

Non-Educational Sources of Later-Life Cognitive Reserve and Resilience Among Older Adults With and Without Formal Education in India

Role: Co-Principal Investigator (contact PI)

R01AG069128 Kobayashi, Rosenberg (MPIs) 09/15/2020-05/31/2029
NIH/NIA

Cumulative Socioeconomic Exposures, Cash Transfer Interventions, and Later-Life Cognitive Decline and Dementia Risk in a Low-Income Region of South Africa

Role: Co-Principal Investigator (non-contact PI)

U01AG009740 Weir, Langa (MPIs) 05/15/2024-12/31/2029
NIH/NIA

The Health and Retirement Study: Years 35-40

Role: Co-Investigator

RF1AG088009 Arce, Briceno (MPIs) 09/22/2024-08/31/2027
NIH/NIA

Mild Cognitive Impairment and Alzheimer's Disease and Related Dementias: Cross-national longitudinal prognosis and risk factors

Role: Co-Investigator

RF1AG088005 Zhang (PI) 09/23/2024-06/30/2027
NIH/NIA

Engaging Aging Minds: Labor Force Participation, Stimulating Activities, and Cognitive Aging Across Diverse International Settings

Role: Co-Investigator

P30AG059300 Ajrouch, Antonucci, Zahodne (MPIs) 07/01/2023-06/30/2028
NIH/NIA

Michigan Center for Contextual Factors in Alzheimer's Disease (MCCFAD) Years 6-10

R01AG0330153	Lee, Adar, Gross (MPIs)	06/01/2022-03/31/2027
NIH/NIA		
Integrating information about aging surveys: novel integration of contextual data to study late-life cognition and Alzheimer's disease and related dementias and dementia care		
Role: Co-Investigator		

c. <u>Previous Grants</u>		
P30AG012846	Freedman (PI)	08/15/2020-08/31/2025
NIH/NIA		
Michigan Center on the Demography of Aging (Years 27-31)		
Role: Co-Investigator		

R01AG070953-03S1 NIH/NIA	Kobayashi, Gross (MPIs)	03/15/2023-01/31/2025
Enhancing data quality for cross-national harmonization: assessment of cognitive function in the CHARLS HCAP by language, literacy, and visual impairment Role: Co-Principal Investigator (contact PI)		

Discovery Grant	Kobayashi (PI)	09/01/2020-08/31/2021
Rogel Cancer Center		
Functional aging after a cancer diagnosis in later-life: longitudinal investigation of risk and resilience		
Role: Principal Investigator		

R03CA241841-01	Kobayashi (PI)	09/23/2019-08/31/2021
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NIH/NCI

Education and cancer-related cognitive decline during aging

Role: Principal Investigator

Catalyst Grant Cosco (PI) 03/01/2019-02/28/2020

Canadian Institutes of Health Research

Resilience and healthy aging across the life course: longitudinal analysis of psychological wellbeing and physical adversity

Role: Co-Investigator

Catalyst Grant Kirkland (PI) 03/01/2019-02/28/2020

Canadian Institutes of Health Research

A machine learning approach to identifying healthy aging: developing healthy aging phenotypes and personas in the Canadian Longitudinal Study on Aging

Role: Co-Investigator

Young Investigator Award Kobayashi (PI) 07/01/2018-06/01/2019

American Cancer Society

Developing a tool to predict risk of cognitive impairment in older breast cancer survivors

Role: Principal Investigator

Catalyst Grant Kirkland (PI) 04/01/2017-03/31/2018

Canadian Institutes of Health Research

Advancing the science of 'healthy aging' through examining the lay perspectives of older adults in the Canadian Longitudinal Study on Aging

Role: Co-Investigator

Pilot Grant Kobayashi (PI) 01/01/2017-12/01/2017

Michigan Center on the Demography of Aging

Employment trajectories across the life course and later-life cognitive health: examining racial and gender-based inequalities

Role: Principal Investigator

HONORS AND AWARDS

John G. Searle Assistant Professorship in Epidemiology 2022-2024

Department of Epidemiology

University of Michigan School of Public Health

Junior Faculty Fellow 2020-2022

Michigan Center on the Demography of Aging

Travel Award Recipient 2018-2019

Advanced Psychometric Methods in Cognitive Aging Research Conference, UC Davis

John Eisenberg Career Development Award 2018

Georgetown Women in Medicine, Georgetown University

Best Postdoctoral Fellow Research Poster Award 2017

Harvard T. H. Chan School of Public Health Annual Poster Competition

Student Travel Scholarship Society for Epidemiologic Research	2015
Early Career Researcher Travel Award UK Society for Social Medicine	2014
Doctoral Foreign Study Award (DFSA) Canadian Institutes of Health Research	2013-2016
Graduate Research Scholarship (declined due to acceptance of DFSA) University College London	2013-2015
Overseas Research Scholarship University College London	2012-2015
Jean Royce Fellowship Queen's University Alumnae Association	2012-2013
Richard Helmstadter Memorial Scholarship London Goodenough Association of Canada	2012-2013
Ontario Graduate Scholarship Ontario Provincial Government	2010-2012
Graduate Studentship Terry Fox Foundation Training Program in Transdisciplinary Cancer Research	2010-2012
Craig Jury Memorial Summer Studentship in Cancer Research Queen's University Cancer Research Institute	2010

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment (ISTAART)	2023 – Present
Gerontological Society of America	2018 – Present
Population Association of America	2017 – Present
Methods for Longitudinal Research in Dementia (MELODEM)	2016 – Present
Society for Epidemiologic Research	2015 – Present

PEER REVIEW

a. Journal Editorial Boards

Associate Editor, <i>Epidemiologic Reviews</i>	2024-Present
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b. Journal Peer-Review (selected)

Age Ageing; Alz Dement; Am J Epidemiol; Am J Prev Med; Am J Public Health; Am Soc Rev; Ann Behav Med; Ann Epidemiol; Ann Intern Med; BMC Cancer; BMC Geriatr; BMJ Public Health; Br J Cancer; Epidemiology; Int J Cancer; Int J Public Health; J Epidemiol Community Health; J Am Ger Soc; J Alz Dis; J Gen Intern Med; J Gerontol B Psychol Sci Soc Sci; J Natl Cancer Inst; Lancet Healthy Longevity; Nat Aging; PLOS Global Public Health; PLOS Med; PLOS One; Prev Med; Proc Natl Acad Sci; Soc Sci Med; SSM Population Health; Sci Rep; Women & Health

c. Grant Review

Member, Cancer Control & Population Sciences Special Emphasis Panel University of Michigan Rogel Cancer Center	2020-2025
Member, Innovation Grant Review Panel Canadian Cancer Society	2020-2021
Reviewer, Insight Grant Competition Social Sciences & Humanities Research Council of Canada	2021

d. Abstract Review

Annual Meeting Abstract Reviewer, Society for Epidemiologic Research	2016-Present
Annual Meeting Abstract Reviewer, Gerontological Society of America	2019-Present

TEACHING

Course Instructor

EPID 677: Epidemiology of Aging (2 credits) Fall 2023 (15 students), Fall 2024 (15 students) University of Michigan School of Public Health	2023-Present
EPID 617: Social and Economic Determinants of Population Health (3 credits) Winter 2020 (14 students), Winter 2021 (18 students), Winter 2023 (17 students), Winter 2024 (19 students) University of Michigan School of Public Health	2020-2024
EPID 506: Health of Nations: Introduction to International Health (3 credits) Fall 2021 (31 students) University of Michigan School of Public Health	2021
EPID 399: Independent Research in Epidemiology (1 credit) Winter 2021 (1 student) University of Michigan School of Public Health	2021
EPID 601: Principles and Methods of Epidemiology (4 credits) Fall 2020 (55 students) University of Michigan School of Public Health	2020
EPID 624: Readings in Epidemiology (1 credit) Fall 2020 (1 student) University of Michigan School of Public Health	2020

MENTORSHIP

PhD Dissertation Committee Chair:

1. Namuunaa Juramt, Department of Epidemiology, University of Michigan	2025-29
2. Peiyao Zhu, Department of Epidemiology, University of Michigan	2025-29
3. Kelvin Zhang, Department of Epidemiology, University of Michigan	2024-28
4. Nasya Tan, Department of Epidemiology, University of Michigan	2021-26
5. Tsai-Chin Cho, Department of Epidemiology, University of Michigan	2021-24
6. Xuexin Yu, Department of Epidemiology, University of Michigan	2021-24
7. Haeyoon Chang, Department of Epidemiology, University of Michigan	2020-24

PhD Dissertation Committee Member:

1. Ritoban Kundu, Department of Biostatistics, University of Michigan	2024-25
2. Chelsea Cox, Department of Health Behavior & Health Equity, U-M	2024-26
3. Laura Brotzman, Department of Health Behavior & Health Equity, U-M	2022-25
4. Ebony Johnson, Department of Sociology, University of Michigan	2022-23
5. Emily Morris, Department of Psychology, University of Michigan	2021-24
6. Boya Zhang, Department of Epidemiology, University of Michigan	2021-23
7. Cesar Higgins Tejera, Department of Epidemiology, University of Michigan	2021-23
8. Mikayla Barry, Departments of Epidemiology and Nutrition, University of Michigan	2020-22
9. Anam Kahn, Department of Epidemiology, University of Michigan	2019-22
10. Mike Booth, Dept of Health Behavior & Health Education, University of Michigan	2019-21

MPH Capstone/ILE Advisor:

1. Dian Jia, Department of Epidemiology, University of Michigan	2023-24
2. Audra Gill, Department of Epidemiology, University of Michigan	2022-23
3. Rashmi Kakar, Department of Epidemiology, University of Michigan	2022-23
4. Rasmi Davu, Department of Epidemiology, University of Michigan	2022-23
5. Kaitlin Schwartz, Department of Epidemiology, University of Michigan	2022-23
6. Isabelle Clarke, Department of Epidemiology, University of Michigan	2022-23
7. Mackenzie Furnari, Department of Epidemiology, University of Michigan	2022-23
8. Maya Sabbagh, Department of Epidemiology, University of Michigan	2021-22
9. Greta Cheng, Department of Epidemiology, University of Michigan	2021-22
10. Sarah Gao, Department of Epidemiology, University of Michigan	2021-22
11. Mansi Verma, Department of Epidemiology, University of Michigan	2021-22
12. Marcus McKay Jr., Department of Epidemiology, University of Michigan	2020-21
13. Shelby Minas, Department of Epidemiology, University of Michigan	2020-21
14. Carly Joseph, Department of Epidemiology, University of Michigan	2020-21
15. Jasdeep Kler, Department of Epidemiology, University of Michigan	2019-20
16. Brendan O'Shea, Department of Epidemiology, University of Michigan	2019-20

MSc Thesis Co-Supervisor:

1. Charlotte Woods, Department of Epidemiology and Public Health, UCL	2015-16
2. Victoria Lyon, Department of Epidemiology and Public Health, UCL	2014-15

SERVICE**a. Institutional**

Associate Director for Research Strategy Center for Global Health Equity, University of Michigan	2025-Present
Member, Harburg Award Committee CSEPH, Department of Epidemiology, University of Michigan	2020-Present
Co-Leader, Cancer and Aging Working Group Rogel Cancer Center, University of Michigan	2021-2025
Member, Cancer Center Population Studies Special Emphasis Review Panel Population Sciences Division, Rogel Cancer Center, University of Michigan	2020-2025
Member, Africa Social Research Initiative Steering Committee African Studies Center, University of Michigan	2019-2025
Member, Doctoral Committee Department of Epidemiology, University of Michigan	2022-2024
Member, Rogel Editorial Board	2022-2024

Rogel Cancer Center, University of Michigan	
Member, Admissions Committee	2019-2021
Department of Epidemiology, University of Michigan	

b. National

Member, Awards Committee	2024-Present
Society for Epidemiologic Research	
Member, Education Committee	2020-2023
Society for Epidemiologic Research	
Member, Communications Committee	2016-2019
Society for Epidemiologic Research	

SELECTED INVITED TALKS: EXTERNAL

1. **Kobayashi LC.** Disentangling the cancer-dementia relationship: lessons for research on cancer and aging from an epidemiological paradox. 25 March 2026. National Institute on Aging & National Cancer Institute Workshop: Cancer-Alzheimer's Disease Inverse Correlation (CADIC) - From Biological Mechanisms to Therapeutic Potential. *Virtual*.
2. **Kobayashi LC.** Cross-national comparisons of cognitive aging using the Harmonized Cognitive Assessment Protocol (HCAP). 26 November 2024. HCAP Network Virtual Seminar Series. *Virtual*.
3. **Kobayashi LC.** Addressing bias that arises from differential selection into a dementia study: Who should have been in this study? 27 June 2024. Methods in Longitudinal Dementia Research (MELODEM) Annual Progress Meeting. Château de Bellinglise, Elincourt Sainte Marguerite, France.
4. **Kobayashi LC.** Recommendations for future CHARLS-HCAP data collection waves. External advisory board meeting of the China Health, Aging, and Retirement Study. 12 April 2024. National Institute on Aging. *Virtual*.
5. **Kobayashi LC, Rosenberg MS.** Integrating data to understand the impacts of income transfers. Health and Aging in Africa: Longitudinal Studies in South Africa: Scientific and Advisory Board Meeting. 5 February 2024. University of the Witwatersrand, Johannesburg, South Africa.
6. **Kobayashi LC.** How research in LMICs can inform social policy interventions. NASEM/NIA Workshop on Developing an Agenda for Population Aging and Social Research in Low- and Middle-Income Countries (LMICs). National Academies of Science, Engineering, and Medicine. 7 September 2023. Washington, DC, USA.
7. **Kobayashi LC.** Best practices for comparative risk factor analyses using HCAP data. Gateway to Global Aging Data Hackathon. University of Southern California. 31 July 2023. Los Angeles, CA, USA.
8. **Kobayashi LC.** "Best practices" for harmonized cross-national analyses of later-life cognitive health outcomes. PARC Aging Chats Series, Population Aging Research Center, University of Pennsylvania. 3 April 2023. Philadelphia, PA, USA.

9. **Kobayashi LC.** Socioeconomic conditions and cognitive aging in a rural, low-income setting: triangulating evidence across complementary study designs. Johns Hopkins Center on Aging and Health Scientific Seminar Series. Johns Hopkins University. 6 February 2023. Baltimore, MD, USA.
10. **Kobayashi LC.** Socioeconomic conditions and cognitive aging in a rural, low-income setting: triangulating evidence across complementary study designs. Donald J. Bogue Demography Workshop, University of Chicago. 2 February 2023. Chicago, IL, USA.
11. **Kobayashi LC.** Investigating pre-baseline selective survival bias in a longitudinal study of aging in South Africa. Boston University Alzheimer's Disease Research Center Education Colloquium. 8 December 2022. Virtual.
12. **Kobayashi LC.** Disentangling the cancer-dementia relationship: lessons from an epidemiological paradox. The Cancer-Alzheimer's Disease Nexus: Exploring Relationships, Mechanisms, and Therapeutic Implications. National Institute on Aging and National Cancer Institute Joint Virtual Workshop. 18 October 2022. Virtual.
13. **Kobayashi LC, Rosenberg MS.** Socioeconomic conditions, and cognitive aging in rural South Africa. Social Demography Seminar Series, Harvard Center for Population and Development Studies, Harvard T. H. Chan School of Public Health. 13 October 2022. Cambridge, MA, USA.
14. **Kobayashi LC.** Analysis of pooled HCAP data: consideration and best practices. HCAP International Network Annual Meeting. 20 September 2022. Bethesda, MD, USA.
15. **Kobayashi LC, Gross AL.** Education, and cognition cross-nationally. Gateway to Global Aging Data 2022 Workshop. 24 May 2022. Jackson, WY, USA.
16. **Kobayashi LC, Gross AL.** Wealth, and cognition cross-nationally. Gateway to Global Aging Data 2022 Workshop. 24 May 2022. Jackson, WY, USA.
17. **Kobayashi LC.** Mediation analysis: Comparing counterfactual and "traditional" methods. Conference on Advanced Psychometric Methods in Cognitive Aging Research. National Institute on Aging and UC Davis. 24 August 2021. *Virtual due to COVID-19*
18. **Kobayashi LC.** The Cancer and Aging Initiative at the Rogel Cancer Center. National Cancer Institute Virtual Meeting on Cancer and Aging. 18 June 2021. *Virtual due to COVID-19*
19. **Kobayashi LC, Finlay JM.** Mental health and well-being among older adults during the pandemic: the COVID-19 Coping Study. U-M Retirees' Association. Ann Arbor, MI, USA. 12 November 2020. *Virtual due to COVID-19*
20. **Kobayashi LC.** Mid-to-later life socioeconomic conditions and dementia risk in a low-income South African setting: triangulating evidence from complementary study designs. MELODEM Annual Progress Meeting. Chantilly, France, 21-23 July 2020. *Virtual due to COVID-19*
21. **Kobayashi LC, Finlay JM.** Mental health and well-being among older adults during the pandemic: the COVID-19 Coping Study. Institute for Social Research Insights Speaker Series. Ann Arbor, MI, USA, 15 July 2020. *Virtual due to COVID-19*

22. **Kobayashi LC.** Sex differences in dementia probability, “Health and Aging in Africa: Longitudinal Study of an INDEPTH Community in South Africa”. Methods in Longitudinal Dementia Research (MELODEM) Data Workshop. 16 July 2018. Palais Abbatial de Royaumont, Chantilly, France.
23. **Kobayashi LC.** Cognitive impairment in older women with breast cancer and implications for health decision-making. University of Sydney School of Public Health. 5 April 2018. Sydney, Australia.
24. **Kobayashi LC.** Health literacy, perceived life expectancy, and health behaviors in older adults. Applied Behaviour Change (ABC) Lab Seminar Series. School of Health and Exercise Sciences, University of British Columbia. 16 August 2017. Kelowna, BC, Canada.
25. **Kobayashi LC.** Childhood deprivation and later-life cognitive function in a population-based study of older, rural South Africans. Methods in Longitudinal Dementia Research (MELODEM) Annual Progress Meeting. 12 July 2017. Palais Abbatial de Royaumont, Asnières-sur-Oise, Chantilly, France.
26. **Kobayashi LC.** Employment trajectories in mid-life and cognitive performance in later-life: longitudinal study of older American men and women. Panel Study of Income Dynamics Life Course Research Conference, Institute for Social Research, University of Michigan. 23 June 2017. Ann Arbor, MI, USA.

SELECTED INVITED TALKS: INTERNAL

1. **Kobayashi, LC.** Insights into Cognitive Aging Around the World: Evidence from the Harmonized Cognitive Assessment Protocol (HCAP). Survey Research Center Seminar Series, University of Michigan Institute for Social Research. 2 December 2025. Ann Arbor, MI, USA.
2. **Kobayashi LC.** Cognitive resilience among older adults in the LASI-DAD study. Center for Global Health Equity India Platform Meeting. University of Michigan School of Public Health. 26 March 2024. Ann Arbor, MI, USA.
3. **Kobayashi LC.** Causal inference in social epidemiology: big ideas and bigger questions. Big Data Summer Institute, Department of Biostatistics, University of Michigan School of Public Health. 27 July 2023. Ann Arbor, MI, USA.
4. **Kobayashi LC.** What is a source population? Characterizing pre-baseline selective survival in a longitudinal study of aging in South Africa. University of Michigan MAC-EPID Symposium. 10 November 2022. Ann Arbor, MI, USA.
5. **Kobayashi LC.** Disentangling the cancer-dementia relationship: lessons for research on cancer and aging from an epidemiological paradox. Rogel Cancer Center Grand Rounds. 18 October 2021. *Virtual due to COVID-19*
6. **Kobayashi LC.** Investigating cross-national variation in later-life cognitive health inequalities: a pilot study. MiCDA Annual Research Symposium. 18 May 2021. *Virtual due to COVID-19*

7. **Kobayashi LC.** Loneliness among older adults during the first six months of the pandemic: results from the COVID-19 Coping Study. Virtual Wolverine Caucus. Ann Arbor, MI, USA. 26 February 2021. *Virtual due to COVID-19*
8. **Kobayashi LC.** Social isolation and mental health in older adults during COVID-19: the COVID-19 Coping Study. University of Michigan Biosciences Initiative COVID-19 Symposium. Ann Arbor, MI, USA, 25 June 2020. *Virtual due to COVID-19*
9. **Kobayashi LC.** Social contextual factors and cognitive aging in rural South Africa. Michigan Center for Contextual Factors in Alzheimer's Disease Seminar Series. Institute for Social Research, University of Michigan. 4 October 2019. Ann Arbor MI, USA.
10. **Kobayashi LC.** Cognitive aging across national contexts: harmonizing cognitive data from South Africa and the United States. Harvard Center for Population and Development Studies, Harvard T. H. Chan School of Public Health. 24 March 2017. Cambridge, MA, USA.

SELECTED CONFERENCE PRESENTATIONS

1. **Kobayashi, LC** (Symposium Chair). Novel Approaches to Understanding Education and Later-Life Cognitive Health. Gerontological Society of America Annual Meeting. Boston, MA. November 13th, 2025.
2. **Kobayashi LC.** Catalyzing cross-national aging research: opportunities, challenges, and strategies for early career researchers. Gerontological Society of America Annual Meeting, Tampa, FL, USA, 10 November 2023.
3. **Kobayashi LC**, Walhovd K (Session Co-Chairs). The role of early life adversity in cognitive decline and dementia. Alzheimer's Association International Conference, Amsterdam, Netherlands, 16 July 2023.
4. **Kobayashi LC**, Peterson R, Avila J, Amofa P, Vila-Castelar C, Meza E, Shaaban B, Whitmer R, Gilsanz P, Mayeda ER. Life course financial mobility and later-life memory by sex/gender and race/ethnicity: an intersectional analysis of a multi-ethnic cohort study. Alzheimer's Association International Conference, Amsterdam, Netherlands, 16 July 2023.
5. **Kobayashi LC** (Session Chair). Literacy, language, and health. Population Association of America Annual Meeting, New Orleans, LA, 12-15 April 2023.
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