

Leonard Davis School of Gerontology
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Education

2009	PhD, Sociology (Demography) University of Michigan, Ann Arbor, MI
2003	BA, Sociology (Summa Cum Laude) Arizona State University, Tempe, AZ

Academic Positions

2026 – present	Co-director, Geroscience of sex differences SCORE (GeroSCORE)
2024 – present	Professor of Gerontology, Sociology, & Spatial Sciences, University of Southern California
2020 – 2024	Associate Professor of Gerontology, Sociology, & Spatial Sciences, University of Southern California
2023 – present	Co-director, University of Southern California Alzheimer's Disease (AD) and Alzheimer's Disease-Related Dementias (ADRD) Resource Center for Minority Aging Research (USC AD/ADRD RCMAR)
2023 – present	Associate Dean of Research, Leonard Davis School of Gerontology, University of Southern California
2022 – present	Associate Dean of International Programs and Global Initiatives, Leonard Davis School of Gerontology, University of Southern California
2022 – 2023	Assistant Dean of Research, Leonard Davis School of Gerontology, University of Southern California
2022 – 2025	Co-director, NIA R25 Gerontology Enriching MSTEM (GEMSTEM) Program to Enhance Undergraduate Diversity in Aging, University of Southern California
2022 – present	Co-director, NIA T32 Multidisciplinary Research Training in Gerontology Program, Andrus Gerontology Center, University of Southern California
2021 – present	Co-director, USC/UCLA Center for Biodemography and Population Health

2020 – 2022	Assistant Dean of International Programs and Global Initiatives, Leonard Davis School of Gerontology, University of Southern California
2019 – 2021	Director, PhD Program in Gerontology, Leonard Davis School of Gerontology, University of Southern California
2014 – 2020	Assistant Professor of Gerontology, Leonard Davis School of Gerontology, University of Southern California
2012 – 2014	Postdoctoral Associate, K99/R00 (NIA), Leonard Davis School of Gerontology, University of Southern California
2009 – 2012	NIA Postdoctoral Fellow, Multidisciplinary Research Training in Gerontology Program, Andrus Gerontology Center, University of Southern California

Academic Affiliations

2015 – present	Faculty Affiliate, Schaeffer Center for Health Policy & Economics, University of Southern California
2014 – present	Faculty Affiliate, Department of Sociology, University of Southern California
2014 – present	Faculty Affiliate, Spatial Sciences Institute, University of Southern California
2014 – 2021	Faculty Affiliate, USC/UCLA Center on Biodemography & Population Health

Areas of Research and Teaching

Social determinants of health, aging, cognition, and dementia; Sociology of aging and the life course; Neighborhoods and health; Environmental determinants of health and aging; Health disparities; Demography of health and longevity; Longitudinal data analysis; Spatial data analysis

Publications

(* indicates current or former student/postdoc co-author)

Google Scholar H-Index: 43 (i10-index: 90); Number of times cited: 7,996

Peer-Reviewed Articles:

1. Farina, M. P., Jackson, H., **Ailshire, J. A.**, & Walsemann, K. M. (2026). State educational contexts in childhood and systemic inflammation in later life: Evidence from the health and retirement Study. *Brain, behavior, & immunity - health*, 54, 101219. <https://doi.org/10.1016/j.bbih.2026.101219>
2. Choi, E. Y., Seshadri, G., **Ailshire, J.A.**, & Thyagarajan, B. (2026). Associations of current and birthplace region with immunity in later life in the health and retirement study. *Social science & medicine (1982)*, 404, 119432. Advance online publication. <https://doi.org/10.1016/j.socscimed.2026.119432>

3. Osuna, M., Ruvalcaba, L., Crimmins, E., Cano, C., & **Ailshire, J.A.** (2026). Differences in life expectancy with and without disease using reported, measured, and combined estimates for hypertension and diabetes among older adults in Colombia. *PloS one*, 21(6), e0349777. <https://doi.org/10.1371/journal.pone.0349777>
4. Nam, J. W., Choi, E. Y., **Ailshire, J. A.**, & Chiang, Y. Y. (2026). Unveiling population heterogeneity in health risks posed by environmental hazards using regression-guided neural network. *Scientific reports*, 10.1038/s41598-026-54345-y. Advance online publication. <https://doi.org/10.1038/s41598-026-54345-y>
5. Zhao, E., **Ailshire, J. A.**, Kim, J. K., & Crimmins, E. M. (2026). Finding the turning point in aging: a comparison of physical, cognitive, and psychological trajectories among centenarians and non-centenarians. *The journals of gerontology. Series A, Biological sciences and medical sciences*, 81(6), glag116. <https://doi.org/10.1093/gerona/glag116>
6. Choi, E. Y., Mage, S. M., & **Ailshire, J. A.** (2026). Neighborhood social environment and physical activity among persons living with dementia. *The Gerontologist*, 66(5), gnag047. <https://doi.org/10.1093/geront/gnag047>
7. Cha, H., Farina, M. P., Jackson, H. M., **Ailshire, J. A.**, & Walsemann, K. M. (2026). How Childhood State Education Quality Shapes the Risk of Cognitive Impairment in Mid-to-Later Life. *Alzheimer's & dementia. Behavior & Socioeconomics of Aging*, 2(1), e70061. <https://doi.org/10.1002/bsa3.70061>
8. Nam, J. W., Choi, E. Y., **Ailshire, J. A.**, & Chiang, Y. Y. (2025). Unveiling Population Heterogeneity in Health Risks Posed by Environmental Hazards Using Regression- Guided Neural Network. *Research square*, rs.3.rs-8066259. doi.org/10.21203/rs.3.rs-8066259/v1
9. **Ailshire, J. A.**, Farina, M. P., Jackson, H., & Walsemann, K. M. (2025). The role of educational attainment and quality in U.S. regional variation in prevalence of dementia and CIND. *PloS one*, 20(9), e0332410. doi.org/10.1371/journal.pone.0332410
10. Fisk, C. E., Walsemann, K. M., Jones, C., Crimmins, E., & **Ailshire, J. A.** (2025). Living in Historically Redlined Neighborhoods and Biological Aging among Older Adults. *The journals of gerontology. Series A, Biological sciences and medical sciences*, glaf190. Advance online publication. doi.org/10.1093/gerona/glaf190
11. Walsemann, K. M., Abbruzzi, E., Jackson, H. M., Tyagi, P., & **Ailshire, J. A.** (2025). Historical state-level data on U.S. public school systems from 1919/20 to 1973/74. *Scientific data*, 12(1), 1218. doi.org/10.1038/s41597-025-05507-6
12. Kerr, E. M., **Ailshire, J. A.**, Crimmins, E., & Walsemann, K. M. (2025). Sex variation in the relationship between APOE ϵ 4, cognitive decline, and dementia. *Alzheimer's & dementia (Amsterdam, Netherlands)*, 17(2), e70053. doi.org/10.1002/dad2.70053
13. Choi, E. Y., & **Ailshire, J. A.** (2025). Ambient outdoor heat and accelerated epigenetic aging among older adults in the US. *Science advances*, 11(9), eadr0616. doi.org/10.1126/sciadv.adr0616
14. Choi, Y. J., Fennell, G., & **Ailshire, J. A.** (2025). Access to Neighborhood Amenities and Services and the Risk of 2-Year Nursing Home Placement among Persons Living with Dementia. *Innovation in Aging*, igaf011. doi.org/10.1093/geroni/igaf011

15. **Ailshire, J. A.**, & Casanova, M. (2025). Mental health impacts of spousal caregiving intensity in the US. *Health economics*, 10.1002/hec.4908. Advance online publication. doi.org/10.1002/hec.4908
16. Fisk, C. E., **Ailshire, J. A.**, & Walsemann, K. M. (2025). Living in Historically Redlined Neighborhoods and the Cognitive Function of Black and White Adults. *Journal of aging and health*, 8982643251315020. Advance online publication. doi.org/10.1177/08982643251315020
17. Wilkie, R. Z., Choi, E. Y., Farina, M. P., Lee, J., & Ailshire, J. A. (2024). Cross national patterns in educational inequalities in functional limitations among middle aged and older adults at two time points. *SSM - population health*, 28, 101725. doi.org/10.1016/j.ssmph.2024.101725
18. Choi, E. Y., & **Ailshire, J. A.** (2024). Neighborhood Stressors and Epigenetic Age Acceleration among Older Americans. *The journals of gerontology. Series B, Psychological sciences and social sciences*, gbae176. Advance online publication. doi.org/10.1093/geronb/gbae176
19. Choi, Y. J., Choi, E. Y., & **Ailshire, J. A.** (2024). Neighborhood poverty and hopelessness in older adults: The mediating role of perceived neighborhood disorder. *PLoS one*, 19(10), e0311894. doi.org/10.1371/journal.pone.0311894
20. Wilkie, R. Z., & **Ailshire, J. A.** (2024). Socioeconomic inequalities in frailty distribution: A cross-national comparison of the United States and England. *The journals of gerontology. Series B, Psychological sciences and social sciences*, gbae157. Advance online publication. doi.org/10.1093/geronb/gbae157
21. Burns, S. D., Crimmins, E. M., Zhang, M., & **Ailshire, J. A.** (2024). Psychosocial Well-Being Differences Between the Young Old, Old-Old, and Oldest Old: A Global Comparison. *Journal of aging and health*. doi.org/10.1177/08982643241264587
22. Walsemann, K. M., Jackson, H., Abbruzzi, E., & **Ailshire, J. A.** (2024). State-Level Education Quality and Trajectories of Cognitive Function by Race and Educational Attainment. *The Milbank quarterly*. doi.org/10.1111/1468-0009.12709
23. Wu, Q., **Ailshire, J. A.**, Kim, J. K., & Crimmins, E. M. (2024). The Association between Cardiometabolic Risk and Cognitive Function among Older Americans and Chinese. *The Journals of Gerontology, Series A: Biological Sciences and Medical Sciences*, glae116. doi.org/10.1093/gerona/glae116
24. Burns, S. D., **Ailshire, J. A.**, & Crimmins, E. M. (2024). Functional limitation among middle age and older adults: Exploring cross-national gender disparities. *Archives of Gerontology and Geriatrics*, 123, 105410. doi.org/10.1016/j.archger.2024.105410
25. Choi, J., Adams, M., Crimmins, E.M., Lin, F. & **Ailshire, J.A.** (2024). Association between Hearing Aid Use and Mortality in US Adults with Hearing Loss: A Cross-Sectional Cohort Mortality Follow-Up Study. *The Lancet Healthy Longevity*, 5(1), e66–e75. [doi.org/10.1016/S2666-7568\(23\)00232-5](https://doi.org/10.1016/S2666-7568(23)00232-5)
26. Osuna, M., Farina, M., & **Ailshire, J.** (2024). Disabled life expectancy among older Colombian men and women. *PLoS one*, 19(1), e0296638. doi.org/10.1371/journal.pone.0296638
27. Kang, A. H., Kim, J. K., **Ailshire, J.**, & Crimmins, E. M. (2023). Shingles Vaccine Uptake Among Older Adults: Identifying Early, Later, and Nonadopters. *AJPM focus*, 2(4), 100143. doi.org/10.1016/j.focus.2023.100143

28. Walsemann, K. M., Fisk, C. E., Farina, M. P., Abbruzzi, E., & **Ailshire, J. A.** (2023). Race, gender, and cohort differences in the educational experiences of Black and White Americans. *Population Research and Policy Review*, 42(6), 86. doi.org/10.1007/s11113-023-09831-w
29. Walsemann, K. M., Hair, N. L., Farina, M. P., Tyagi, P., Jackson, H., & **Ailshire, J. A.** (2023). State-level desegregation in the U.S. South and mid-life cognitive function among Black and White adults. *Social science & medicine* (1982), 338, 116319. doi.org/10.1016/j.socscimed.2023.116319
30. Choi, YJ & Ailshire, JA. (2023). Perceived Neighborhood Disorder, Social Cohesion, and Depressive Symptoms in Spousal Caregivers. *Aging & Mental Health*. [doi:10.1080/13607863.2023.2212250](https://doi.org/10.1080/13607863.2023.2212250)
31. Zhao, E., Ailshire, J., Kim, JK., & Crimmins, E. (2023). Association between Changes in Kidney Functioning, Age, Race/ethnicity and Health Indicators in the Health and Retirement Study. *The Journals of Gerontology: Series B, Social Sciences*. doi.org/10.1093/gerona/glad204
32. Andrasfay, T., Kim, J.K., **Ailshire, J.**, & Crimmins, E. (2023). Aging on the job? The association between occupational characteristics and accelerated biological aging. *The Journals of Gerontology: Series B, Social Sciences*. [doi:10.1093/geronb/gbad055](https://doi.org/10.1093/geronb/gbad055)
33. *Choi, E.Y., Zelinski, E.M., & **Ailshire, J.A.** (2023). Neighborhood Social Environment and Self-perceptions of Aging. *Innovation in Aging*. doi.org/10.1093/geroni/igad038
34. Mawhorter, S.L., Wilkie, R.Z., & **Ailshire, J.A.** (2023). Inequality in housing transitions during cognitive decline. *PLOS ONE* 18(4). doi.org/10.1371/journal.pone.0282329
35. **Ailshire, J. A.**, Herrera, C. A., *Choi, E., *Osuna, M., & Suzuki, E. (2023). Cross-national differences in wealth inequality in health services and caregiving used near the end of life. *EClinicalMedicine*, 58, 101911. doi.org/10.1016/j.eclinm.2023.101911
36. *Choi, E., *Farina, M., *Zhao, E., & **Ailshire, J.A.** (2023). Changes in social lives and loneliness during COVID-19 among older adults: A closer look at the sociodemographic differences. *International Psychogeriatrics*, 1-13. [doi:10.1017/S1041610222001107](https://doi.org/10.1017/S1041610222001107)
37. **Ailshire, J.A.**, Walsemann, K.M., *Fisk, C.E. (2022). Regional variation in U.S dementia trends from 2000-2012. *SSM - Population Health*, Volume 19, 101164, doi.org/10.1016/j.ssmph.2022.101164.
38. Fennell, Gillian & Osuna, Margarita & Sluys, Erica & **Ailshire, Jennifer**. (2022). Pain Limits Older Adults' Expectations of Their Life Expectancy. *The Journal of Pain*. 23. 39. doi.org/10.1016/j.jpain.2022.03.149.
39. *Farina, M.P., **Ailshire, J.A.** (2022). Sociodemographic and health status differences in delaying medical care during the COVID-19 pandemic among older adults: findings from the Health and Retirement Study. *BMC Public Health* 22, 1720. doi.org/10.1186/s12889-022-14118-4
40. *García,C., Garcia, M.A., **Ailshire, J.A.** (2022). Demographic and Health Characteristics of Older Latino Birth Cohorts in the Health and Retirement Study. *The Journals of Gerontology: Series B, Social Sciences*, 77(11), 2060–2071. doi.org/10.1093/geronb/gbac017

41. *Choi, Y.J., Crimmins, E.M., **Ailshire, J.A.** (2022). Food insecurity, food environments, and disparities in diet quality and obesity in a nationally representative sample of community-dwelling older Americans. *Preventive Medicine Reports*, Volume 29, 101912, doi.org/10.1016/j.pmedr.2022.101912.
42. Walsemann, K.M., Kerr, E.M., **Ailshire, J.A.**, Herd, P. (2022). Black-White variation in the relationship between early educational experiences and trajectories of cognitive function among US-born older adults. *SSM - Population Health*, Volume 19, 2352-8273, doi.org/10.1016/j.ssmph.2022.101184.
43. Walsemann, K.M., Ureña, S., *Farina, M.P., **Ailshire, J.A.** (2022). Race Inequity in School Attendance Across the Jim Crow South and Its Implications for Black–White Disparities in Trajectories of Cognitive Function Among Older Adults. *The Journals of Gerontology: Series B, Social Sciences*, 77(8), 1467–1477, doi.org/10.1093/geronb/gbac026
44. *Wu, Q., **Ailshire, J.A.**, & Crimmins, E.M. (2022). Long COVID and symptom trajectory in a representative sample of Americans in the first year of the pandemic. *Scientific Reports*, 12(1), 11647. doi.org/10.1038/s41598-022-15727-0
45. *Frochen, S., *Rodnyansky, S., & **Ailshire, J.A.** (2022). The Eldercare Facility Ordinance of Los Angeles: A Synthetic Control Analysis of Residential Care Development and Growth. *Journal of Planning Education and Research*, 1-13. [doi:10.1177/0739456X221091432](https://doi.org/10.1177/0739456X221091432)
46. Marquez, I., Garcia-Cifuentes, E., Velandia, F.R., Iragorri, A., Saavedra, A.M., Borda, M.G., *Osuna, M., **Ailshire, J.A.**, & Cano-Gutierrez, C.A. (2022). Motoric Cognitive Risk Syndrome: Prevalence and Cognitive Performance. A cross-sectional study. *The Lancet Regional Health – Americas*, 8: 100162. doi.org/10.1016/j.lana.2021.100162
47. **Ailshire, J. A.**, & Finch, C. E. (2022). Recently decreased association of air pollution with cognitive impairment in a population-based aging cohort and in a mouse model. *Alzheimer's & Dementia : The Journal of the Alzheimer's Association*, 18(5), 1077–1078. doi.org/10.1002/alz.12471
48. *Choi, Y. J., **Ailshire, J. A.**, Kim, J. K., & Crimmins, E. M. (2022). Diet Quality and Biological Risk in a National Sample of Older Americans. *Journal of Aging and Health*, 34(4-5), 539–549. doi.org/10.1177/08982643211046818
49. *Frochen, S., **Ailshire J.**, Pynoos J. (2022). Residential Care Development in California: History and Policy. *Journal of Planning Literature*, 37(1), 49–66. doi.org/10.1177/08854122211035744
50. Henderson, A. K., Walsemann, K. M., & **Ailshire, J. A.** (2022). Religious Involvement and Cognitive Functioning at the Intersection of Race-Ethnicity and Gender Among Midlife and Older Adults. *The Journals of Gerontology: Series B, Social Sciences*, 77(1), 237–248. doi.org/10.1093/geronb/gbab034
51. Mawhorter, S., Crimmins, E.M. & **Ailshire J.A.** (2021). Housing and cardiometabolic risk among older renters and homeowners. *Housing Studies*. doi.org/10.1080/02673037.2021.1941792
52. *Wu, Q., **Ailshire, J. A.**, Kim, J. K., & Crimmins, E. M. (2021). Cardiometabolic Risk Trajectory Among Older Americans: Findings From the Health and Retirement Study. *The Journals of Gerontology: Series A, Medical*

Sciences, 76(12): 2265-2274., doi.org/10.1093/gerona/glab205

53. **Ailshire, J.**, & Carr, D. (2021). Cross-National Comparisons of Social and Economic Contexts of Aging. *The Journals of Gerontology: Series B, Social Sciences*, 76(Suppl 1), S1–S4. doi.org/10.1093/geronb/gbab049
54. *Choi, Y. J., Crimmins, E. M., Kim, J. K., & **Ailshire, J. A.** (2021). Food and nutrient intake and diet quality among older Americans. *Public Health Nutrition*, 24(7), 1638–1647. doi.org/10.1017/S1368980021000586
55. Burgard, S., Montez J. K., **Ailshire, J.A.**, & Hummer RA. (2021). Aging Policy from a Multilayered Geographic and Life Course Perspective. *Public Policy & Aging Report*, 31(1), 3-6. doi.org/10.1093/ppar/praa037
56. Crimmins, E. M., & **Ailshire, J. A.** (2021). Aging and Place: The Importance of Place in Aging. *Public Policy & Aging Report*, 31(1), 1–2. doi.org/10.1093/ppar/praa043
57. Lincoln, K. D., **Ailshire, J.**, Nguyen, A., Taylor, R. J., Govia, I., & Ifatunji, M. A. (2021). Profiles of sleep and depression risk among Caribbean Blacks. *Ethnicity & Health*, 26(7), 981–999. doi.org/10.1080/13557858.2019.1620179
58. **Ailshire, J.**, *Osuna, M., Wilkens, J., & Lee, J. (2021). Family Caregiving and Place of Death: Insights from Cross-national Analysis of the Harmonized End-of-Life Data. *The Journals of Gerontology: Series B, Social Sciences*, 76(Suppl 1), S76–S85. doi.org/10.1093/geronb/gbaa225
59. **Ailshire, J.**, & Walsemann, K. M. (2021). Education Differences in the Adverse Impact of PM2.5 on Incident Cognitive Impairment Among U.S. Older Adults. *Journal of Alzheimer's Disease*, 79(2), 615–625. doi.org/10.3233/JAD-200765
60. **Ailshire, J.**, & *Brown, L. L. (2020). The Importance of Air Quality Policy for Older Adults and Diverse Communities. *Public Policy & Aging Report*, 31(1), 33-37. doi.org/10.1093/ppar/praa036
61. *Frochen, S., *Rodnyansky, S., & **Ailshire J.** (2020). Residential Care in California. *Journal of Maps*, 16(1), 138-143. doi.org/10.1080/17445647.2020.1768446
62. *Choi, E.Y., *Farina, M., *Wu, Q., & **Ailshire, J.A.** (2020). Covid-19 Social Distancing measures and Loneliness among Older Adults. *The Journals of Gerontology: Series B, Social Sciences*, 4(Suppl 1), 939. [doi:10.1093/geronb/igaa057.3438](https://doi.org/10.1093/geronb/igaa057.3438)
63. *Choi, Y. J., **Ailshire, J. A.**, & Crimmins, E. M. (2020). Living alone, social networks in neighbourhoods, and daily fruit and vegetable consumption among middle-aged and older adults in the USA. *Public Health Nutrition*, 23(18), 3315–3323. doi.org/10.1017/S1368980020002475
64. Zhao, E., Wu, Q., Crimmins, E. M., & **Ailshire, J. A.** (2020). Media trust and infection mitigating behaviours during the COVID-19 pandemic in the USA. *BMJ Global Health*, 5(10), e003323. doi.org/10.1136/bmjgh-2020-003323
65. *Sheehan, C. M., Walsemann, K. M., & **Ailshire, J. A.** (2020). Race/ethnic differences in educational gradients in sleep duration and quality among U.S. adults. *SSM - Population Health*, 12, 100685. doi.org/10.1016/j.ssmph.2020.100685

66. *Brown, L. L., Abrams, L. R., *Mitchell, U. A., & **Ailshire, J. A.** (2020). Measuring More Than Exposure: Does Stress Appraisal Matter for Black-White Differences in Anxiety and Depressive Symptoms Among Older Adults?. *Innovation in Aging*, 4(5), igaa040. doi.org/10.1093/geroni/iga040
67. Walsemann, K.M., **Ailshire, J.A.**, & Hartnett, C. (2020). The Other Student Debt Crisis: How Borrowing to Pay for a Child's College Education Relates to Parents' Mental Health at Mid-life. *The Journals of Gerontology: Series B, Social Sciences*, 75(7), 1494-1503. doi.org/10.1093/geronb/gbz146
68. Crimmins, E. M., * Zhang, Y.S., Kim, J. K., *Frochen, S., *Kang, H., *Shim, H., **Ailshire, J.**, Potter, A., Cofferen, J., & Faul, J. (2020). Dried Blood Spots: Effects of less than optimal collection, shipping time, heat, and humidity. *American Journal of Human Biology*, 32(5), e23390. doi.org/10.1002/ajhb.23390
69. Walsemann, K. M., & **Ailshire, J. A.** (2020). Early Educational Experiences and Trajectories of Cognitive Functioning Among US Adults in Midlife and Later. *American Journal of Epidemiology*, 189(5), 403–411. doi.org/10.1093/aje/kwz276
70. *Brown, L.L., *Mitchell, U.A., & **Ailshire, J.A.** (2020). Disentangling the stress process: Race and ethnic differences in the experience of chronic stress among older adults. *The Journals of Gerontology: Series B, Social Sciences*, 75(3), 650-660. doi.org/10.1093/geronb/gby072
71. *García, C. P., *Sheehan, C., Flores-Gonzalez, N., & **Ailshire, J.A.** (2020). Sleep Patterns among U.S. Latinos by Nativity and Country of Origin: Results from the National Health Interview Survey. *Ethnicity and Disease*, 30(1), 119-128. doi.org/10.18865/ed.30.1.119
72. *Lee, Y., Chi, I., & **Ailshire, J.** (2020). Life transitions and leisure activity engagement among older Americans: findings from a national longitudinal study. *Ageing & Society*, 40(3), 537-564. [doi-org.libproxy2.usc.edu/10.1017/S0144686X18001101](https://doi.org.libproxy2.usc.edu/10.1017/S0144686X18001101)
73. *Brown, L., *García, C., & **Ailshire, J.** (2019). Does Salivary Telomere Length Explain Race/Ethnic Differences in Aging?. *Biodemography and Social Biology*, 65(4), 351–369. doi.org/10.1080/19485565.2020.1798736
74. *Mitchell, U. A., **Ailshire, J. A.**, Kim, J. K., & Crimmins, E. M. (2019). Black-White Differences in 20-years Trends in Cardiovascular Risk in the United States 1990-2010. *Ethnicity and Disease*, 29(4), 597-598. doi.org/10.18865/ed.29.4.587
75. *García, C. P., & **Ailshire, J. A.** (2019). Biological Risk Profiles among Latino Subgroups in the Health and Retirement Study. *Innovation in Aging*, 3(2), 1-14. doi.org/10.1093/geroni/igz017
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77. *Frochen, S., *Rodnyansky, S., & **Ailshire, J.** (2019). Residential care in Los Angeles: Evaluating the spatial distribution of facilities and neighbourhood access to care among older adults. *Local Environment*, 24(3), 274–288. doi.org/10.1080/13549839.2018.1564254

78. Kim, J. K., **Ailshire, J. A.** & Crimmins, E. M. (2019). Twenty-year Trends in Cardiovascular Risk among Men and Women in the United States. *Aging Clinical and Experimental Research*, 31(1), 135-143. doi.org/10.1007/s40520-018-0932-y
79. *Garcia, C., Garcia, M. A., & **Ailshire, J. A.** (2018). Sociocultural variability in the Latino population: Age patterns and differences in morbidity among older US adults. *Demographic Research*, 38, 1605–1618. doi.org/10.4054/DemRes.2018.38.52
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Other Publications

Ailshire, J. A. (2008). Epidemiological Transition. *Encyclopedia of the Life Course and Human Development*, eds. Deborah Carr, Robert Crosnoe, Mary Elizabeth Hughes, and Amy Pienta. MacMillan Reference: United States.

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Haghani, A., Miller, B., Arpawong, T. E., & **Ailshire, J.** (2020). Integrating Longitudinal Population Studies of Aging in Biological Research. *Methods in Molecular Biology (Clifton, N.J.)*, 2144, 259-273. doi.org/10.1007/978-1-0716-0592-9_23

Miller, B., Haghani, A., **Ailshire, J.**, & Arpawong, T. E. (2020). Human Population Genetics in Aging Studies for Molecular Biologists. *Methods in Molecular Biology (Clifton, N.J.)*, 2144, 67-76. doi.org/10.1007/978-1-0716-0592-9_6

Conference Presentations (selected since 2015)

- 2026 **Ailshire, J.A.** "Ambient PM2.5 Exposure and the Timing of Natural Menopause in the United States" Session: Menopause and Later-Life Health: Environmental, Cognitive, and Biological Perspectives, Gerontological Society of America (GSA).

- 2026 **Ailshire, J.A.** "Menopause and Later-Life Health: Environmental, Cognitive, and Biological Perspectives" Session: Menopause and Later-Life Health: Environmental, Cognitive, and Biological Perspectives, Gerontological Society of America (GSA).
- 2025 Dang, K., Choi, E., Crimmins, E., Finch, C., & **Ailshire, J.A.** "The Joint Effects of Exposure to Ambient Long-Term Air Pollution and Short-Term Heat on Epigenetic Aging in the Health and Retirement Study" Session: Climate Change, Behavioral Adaptation, and Health, Population Association of America (PAA).
- 2025 Symposium Speaker "Advances in Understanding the Role of the Environment on Population Brain Health" Population Studies section. The Center for Personalized Brain Health Research Symposium: *Advances in Personalized Brain Health* Symposium, February 25, 2025.
- 2024 Cha, H., Zissimopoulos, J., **Ailshire, J.A.** Burden or Blessing? New Evidence Against Caregivers' Health Benefits Over Time" Session Flash: Family Care Transitions and Trajectories, Population Association of America (PAA).
- 2023 Choi, Y. J., Fennell, G., & **Ailshire, J.** Does living in resource-rich neighborhoods prevent institutionalization of persons with dementia? Implications for dementia-friendly communities. Annual Conference of the Society for Social Work and Research.
- 2022 **Ailshire, J. A.** & Choi, Y. J. "Perceived neighborhood characteristics and biological risk among spousal caregivers." Annual Meeting of the Gerontological Society of America.
- 2021 **Ailshire, J. A.**, Osuna, M. "Life Course Determinants of Cognitive Function in Older Adults in Colombia" Session: Life Course Determinants of Cognitive Aging in Asia and South America, Population Association of America (PAA).
- 2019 Symposium Organizer (student - García): Aging in Latin America: A Focus on Middle-Income Countries. Annual Meeting of the Gerontological Society of America.
- García, C., Saenz, J., **Ailshire, J. A.**, Wong, R., & Crimmins, E. "Biological Risk Profiles in the Older Mexican Population."
 - **Ailshire, J. A.** & Osuna, M. "Variation in Biological Risk among Older Colombians by Age, Gender, and Educational Attainment."
 - Osuna, M., & **Ailshire, J. A.** "Envejecimiento y Estratos: Socioeconomic Inequality in Aging in Colombia."
- 2018 Perez, C., & **Ailshire, J. A.** "Sociocultural Variation in Undiagnosed Diabetes Among Older Hispanics in the Health and Retirement Study," Annual Meeting of the Gerontological Society of America.
- Brown, L. L., & **Ailshire, J. A.** "Is Exposure Enough? Race/Ethnic Differences in Chronic Stress Exposure, Appraisal, and Mental Health in Older Adults," Annual Meeting of the Gerontological Society of America.
- Ailshire, J. A.** "Site of Death and Health Care Utilization Prior to Death Among Older Adults in Europe and the U.S." Annual Meeting of the Gerontological Society of America.
- Ailshire, J. A.**, Lincoln, K.D., & Brown, L. L. "Aging on the Streets: The Emerging Crisis of Older Homeless Adults in Los Angeles County," Annual Meeting of the Gerontological Society of America.

Ailshire, J. A. "The Role of Air Pollution in Healthy Aging," Annual Meeting of the Gerontological Society of America.

Ailshire, J. A., Frochen, S., & Rodnyansky, S. "Moving Preference and Determinants Among U.S. Older Adults," Annual Meeting of the Population Association of America.

- 2017 **Ailshire, J. A.** & Florian, S. "Families Affected by the Great Recession: Older Adults with Family Experiencing Housing-Related Distress from 2008–2012." Annual Meeting of the Population Association of America.

Brown, L., Mitchel, C. & **Ailshire, J. A.** "Does Telomere Length Indicate Biological, Physical and Cognitive Health Among White, Black, and Hispanic Older Adults?" Annual Meeting of the Population Association of America.

Perez, C. & **Ailshire, J. A.** "Raices de Salud: Racial Classification and Self-Rated Health among Island Puerto Ricans." Annual Meeting of the Population Association of America.

- 2016 Symposium Organizer (student - Brown): How Do Biomarkers Inform Our Understanding of Race and Ethnic Differences in Health. Annual Meeting of the Gerontological Society of America.

- Brown, L. & **Ailshire, J. A.** "Telomere Length and Biological, Physical, and Cognitive health Among Older Whites, Blacks, and Hispanics."
- Zhang, Y., **Ailshire, J. A.**, & Crimmins, E. "Racial Differences in Predicting Mortality."
- Perez, C. & **Ailshire, J. A.** "Prevalence of Undiagnosed Diseases Among New York City Hispanics Casts Doubt on Health Advantage."
- Mitchell, U., **Ailshire, J. A.**, Kim, J., & Crimmins, E. "Four-Year Change in Cardiometabolic Risk: Do Older Blacks, Whites, and Hispanics Age the Same?"

Symposium Organizer (student - Perez): Health among Latinos in the Americas. Annual Meeting of the Gerontological Society of America.

- **Ailshire, J. A.** "Regional Differences in Hispanic-White Disparities in Cognitive Function in the United States."
- Perez, C. & **Ailshire, J. A.** "The Health Status of Aging Puerto Ricans Compared to U.S. Populations."

Perez, C. & **Ailshire, J. A.** "Race and Ethnic Differences in Health Among U.S. Older Adults: A Comparison of U.S. Populations, Including Island Puerto Ricans." Annual Meeting of the Population Association of America.

- 2015 Perez, C. & **Ailshire, J. A.** "Looking Beyond the Hispanic Paradox: Health Differences by Hispanic Ethnicity." Annual Meeting of the Gerontological Society of America.

Ailshire, J. A. "Does Stroke Modify the Link between Fine Particulate Matter Air Pollution and Cognitive Function?" Annual Meeting of the Gerontological Society of America.

Ailshire, J. A., Zhang, Y., & Crimmins, E. "Imputation of Missing Physical Performance Data: A Comparison of Approaches." Annual Meeting of the Gerontological Society of America.

Ailshire, J. A. "Unequal Environments and Race/Ethnic Disparities in Hypertension and Diabetes." Annual Meeting of the Gerontological Society of America.

Invited Talks and Symposia

"Enhancing Diversity in Healthy Aging Cohorts for Improved Research on Longevity and Health Span workshop." NIA-NIMHD, August 6-7, 2024.

Co-Organizer, "Identifying Midlife Social Exposures that Might Modify Risk for Cognitive Impairment Associated with Early Life Disadvantage Workshop." National Academies of Sciences, August 29-30, 2024.

Discussant, "How environmental exposure affects health and well-being of older populations in LMICs." Workshop on Developing an Agenda for Population Aging and Social Research in Low- and Middle-Income Countries (LMICs). National Academies of Sciences, September 7–8, 2023.

"Unraveling the Influence of Environments on Health and Aging: Persistent Challenges and New Opportunities." 2023. Keynote, Data-Intensive Research Conference: How Place Shapes Health and Wellbeing through the Life Course. University of Minnesota, August 2 - August 3, 2023. "Geroscience Clinical Trials: Population Heterogeneity and Inequality." The Fourth Geroscience Summit: Geroscience for the Next Generation April 24-26, 2023. Natcher Conference Center, NIH (in person).

"Using the Health and Retirement Study to Examine Environmental Determinants of Cognition and Dementia." Presented on April 13, 2023 in a session at the annual meeting of the Population Association of America titled, "What Can We Learn About Environmental Factors and Aging and the Life Course From the International Family of Health and Retirement Studies (HRS) and Harmonized Cognitive Assessment Protocol (HCAP)."

"Code Sharing: Gaps and Opportunities." NIA Virtual Workshop: Future Directions in Data Sharing and Archiving. March 23-24, 2023.

"Disparities in Health and Aging Using Biosocial Surveys." AGE Trainee Chapter Symposium: Health Disparities in Aging Chair, March 2022.

"So Many Funding Opportunities! But Where Do I Find Them???" Interdisciplinary Association of Population Health Sciences. National Institutes of Health and Foundation Graduate and Postdoctoral Funding Opportunities, March 2022.

"Contextual Data Resource for Aging Surveys." RCMAR panel on Tools for understanding Contextual Factors that Affect the Health of Diverse Older Adults, April 2021.

"Socioenvironmental influences on health and aging: Adding contextual data to aging surveys." NIA-funded Interdisciplinary Network on Rural Population Health and Aging (INRPHA), December 2020.

"Socioenvironmental influences on health and aging: The importance of considering context." Kaiser Permanente Department of Research and Evaluation, Health Services Research Division, October 2020.

"Aging in the Streets: The Emerging Crisis of Homelessness among Older Adults." Center for the Study of Inequality & Cornell Population Center, Conference on Deep Wounds: Social Determinants of Health Inequalities, November 2018.

"Regional Variation in U.S. Dementia Trends and Race/Ethnic Disparities in Cognitive Impairment and Dementia." Network on Life Course Health Dynamics and Disparities in 21st Century America, April 2016.

"Inequality in Older Adults Exposure to Harmful Neighborhood Social, Economic and Physical Conditions." What's Hot in Aging, School of Gerontology, University of Southern California, April 2018.

"Shingles and Shingles Vaccine in the Neighborhood Context." What's Hot in Aging, School of Gerontology, University of Southern California, April 2017.

"Social Disparities in Food Insecurity among Older Adults." What's Hot in Aging, School of Gerontology, University of Southern California, April 2016.

"Unequal Environments and Race/Ethnic Disparities in Hypertension and Diabetes." Network on Life Course Health Dynamics and Disparities in 21st Century America, April 2016.

"Health and Well-Being in Exceptionally Long-Lived US Adults." Annual Geriatric Dentistry Symposium, Ostrow School of Dentistry, University of Southern California, October 2015.

"New Frontiers in the Biodemography of Aging." What's Hot in Aging, School of Gerontology, University of Southern California, April 2015.

"Linked Lives in the Great Recession: Personal and Family Economic Hardship Influences on Older Adult Well-Being." Population, Society, and Inequality Seminar, University of California-Irvine, February 2014.

"Pathways to Longevity: Health and Functioning Trajectories of Older U.S. Adults as They Survive to 90 and 100." USC Population Research Center, University of Southern California, December 2013

"Air Pollution and the Aging Body and Brain." What's Hot in Aging, School of Gerontology, University of Southern California, April 2013.

"Linked Lives in the Great Recession: Personal and Family Economic Hardship Influences on Older Adult Well-Being." RAND Sociology Speaker Series, July 2013.

Research Support

ACTIVE

USC ADRD Resource Center for Minority Aging Research (USC ADRD-RCMAR)

P30AG043073 (PIs: Zissimopoulos, Ailshire, Aguila)

07/2023 – 06/2028

National Institute on Aging

The major goal is to support high quality research careers for emerging scholars conducting research on the health and economic challenges of minority aging.

The Health and Retirement Study, Years 35-40

U01AG009740 (MPI: Weir, Langa; USC PI: Ailshire)

03/2024- 12/2029

National Institute on Aging

The major goals for Years 35-40 of the Health and Retirement Study (HRS) are to support high quality research careers for emerging scholars conducting research on the health and economic challenges of minority aging.

A Next Generation Data Infrastructure to Understand Disparities across the Life Course

1R01AG077280 (PI: Kapteyn)

07/2023 – 06/2028

National Institute on Aging

The major goals are to (1) use state-of-the-art technology and methods to enhance an existing social science infrastructure and provide the research community with a new advanced tool for the collection, dissemination, and analysis of uniquely comprehensive, valid population data; (2) optimize the infrastructure for addressing scientific challenges related to disparities in health, income, and wealth.

Integrating Information about Aging Surveys: Novel integration of contextual data to study late-life cognition and Alzheimer's Disease and Related Dementia and Dementia care

R01AG030153 (PIs: Lee)

04/2022 – 03/2027

National Institute on Aging

We aim to bring in newly available data on late-life cognition and dementia, together with core longitudinal interviews, self-completion questionnaire, Life-History interviews, End-of-Life interviews, and the special COVID-19 surveys and to integrate contextual data, specifically, air pollution exposures, institutional and policy measures related to long-term care and the COVID-19 pandemic.

Network on Life Course Health Dynamics and Disparities in 21st Century America (NLCHDD)

R24AG045061 (PIs: Ailshire, Burgard, Hummer, Karas-Montez)

07/2024 – 05/2029

National Institute on Aging

This Network will bring together scientists across disciplines to collectively investigate the U.S. crisis, provide training for Network scientists, and disseminate Network-generated resources and research to inform decision-makers and the public on how to improve aging over the adult life course.

Multidisciplinary Research Training in Gerontology

T32AG00037 (PIs: Crimmins, Mather, Ailshire)

05/2024 – 04/2029

National Institute on Aging

The major goal is to support predoctoral and postdoctoral research training in gerontology.

Center for Advancing Sociodemographic and Economic Study of Alzheimer's Disease and Related Dementias (CeASES-ADRD)

P30AG066589 (PIs: Zissimopoulos, Battacharya, Goldman, Hayward)

09/2025 – 06/2031

National Institute on Aging

The mission of the Center for Advancing Sociodemographic and Economic Study of Alzheimer's Disease and Related Dementias (CeASES-ADRD) is to advance innovative social science ADRD research, to increase knowledge and technical capability of social science researchers, to broaden and diversify the set of researchers working in the field and, to disseminate resources and communicate findings for impact.

The Los Angeles Older Americans Independence Center (LA OAIC)

P30AG094848-01 (PIs: Espinoza, Musi, Cohen)

07/2025 – 06/2030

Cedars Sinai

The LA OAIC is a three-institution collaboration in the LA area will catalyze the conduct of highly innovative human trials of gerotherapeutics, including nutraceuticals, drugs, EVs, and regenerative therapies to promote interventions to modulate aging biology for healthspan extension.

Geroscience of sex differences SCORE (GeroSCORE)

U54AG099000 (PIs: Eileen, Eich, Ailshire)

02/2026 – 01/2031

National Institutes of Health

This center aims to advance our understanding of the role of biological sex across biological, behavioral, and population levels, which will accelerate discoveries in sex-based differences in key aging outcomes including biological aging, physical function, disability and disease, and cognitive and brain function.

USC/UCLA Center on Biodemography and Population Health

P30AG017265 (PI: Crimmins (MPI: Crimmins, Ailshire, Cole, Beltran-Sanchez).

09/2025 – 08/2031

National Institute on Aging

The primary purpose of CBPH is to provide a synergistic research environment for the integration and translation of research findings from a variety of disciplines such as epidemiology, clinical geriatrics, biostatistics, and biology into their effects on the health status of populations and the expected life cycles of individuals.

PENDING

The Long Life Family Study

U19AG063893-06A1 (PIs:Province (contact), Andersen, Christensen, Cosentino, Dotson, Lee, Newman, Perls, Sebastiani, Thorpe, Thyagarajan, Wojczynski, Yashin, Zmuda)

10/2025 – 09/2030

Washington University

The major goals will be to expand the variability of the unique Long Life Family Study of families exhibiting exceptional survival and healthy aging to discover the secrets of their protection. We will generate “Big Data” from their blood and DNA to discover the protective biological mechanisms, which could lead to new therapies and prevention approaches.

COMPLETED

The Importance of the Neighborhood Environment in Determining Health and Well-being among Persons with Dementia and their Caregivers

R01AG064491 (PI: Ailshire)

07/2019 – 02/2026

National Institute on Aging

The proposed project examines the importance of neighborhood-based supports and stressors in the health and well-being of people with dementia and their caregivers.

State and Local Educational Contexts of Older U.S. Adults and Their Association with Cognitive Impairment and Dementia

R01AG067536 (PIs: Walsemann)

06/2020 – 04/2026

National Institute on Aging

The major goal of this project is to determine if education operates differently to reduce risk for Alzheimer’s disease and related dementias (ADRD) when it is attained under more (or less) advantaged educational context among Black and White older adults.

Gerontology Enriching MSTEM (GEMSTEM) to Enhance Diversity in Aging

R25AG076400 (MPI: Ailshire, Curran and Walsh)

04/01/2022 – 03/31/2027

National Institute on Aging

The primary objective of GEMSTEM is to advance diversity in aging research and health disparities research in aging by providing early access to research, providing individual mentorship opportunities, personalized academic and career advice, and establishing an enriched community of peer scholars to pipeline into future careers in gerontology.

USC/UCLA Center on Biodemography and Population Health: Enhanced Contextual Data Resource (CDR) for Understanding the AD/ADRD Exposome

P30AG017265 – 21 Supplement (MPIs: Ailshire and Crimmins)

National Institute on Aging 08/01/2022 – 06/30/2025
This is a supplement to create an Enhanced Contextual Data Resource (CDR) with exposome exposures that can be linked to longitudinal studies of aging to support research in the role of the exposome in AD/ADRD outcomes.

State Desegregation Efforts and Black-White Disparities in Dementia

AARG-NTF-20-684252 (PI: Walsemann) 05/01/2020 – 4/30/2024

Alzheimer's Association

The major goal of this project is to determine if state-level school desegregation efforts in the US South explain Black-White disparities in dementia and impairment prevalence and if this varies by when primary school was completed (pre, concurrent, or post Brown vs. Board of Education).

Integrating Information about Aging Surveys

R01AG039528 (PI: Lee) 07/01/2017 – 06/30/2022

National Institute on Aging

The purpose of this award is to create harmonized aging data in the HRS family of studies to facilitate cross-national comparisons of aging populations.

Synergistic Effects of Neighborhood Social Stressors and Outdoor Fine Particulate Matter Air Pollution on Cognitive Decline and Incident Dementia

R03AG061741 (PI: Ailshire) 09/01/2019 – 08/31/2021

National Institute on Aging

The objective of this project is to determine if exposure to neighborhood stressors exacerbates the adverse effects of air pollution on risk of cognitive decline and onset of dementia.

Life-course Sociogenomic Analysis of Social Inequities in Aging

Award: 1810-08987 (PI: Belsky) 04/01/2019 – 03/31/2021

Russell Sage Foundation

The aim of this award is to determine how life-course socioeconomic disadvantage accelerates the biological process of aging. Dr. Ailshire will collaborate on analyses using measures from the database she developed of ecological-level social and physical environment exposures that may affect the aging process.

Understanding America Study - Administrative Supplement

3U01AG054580-03S2 (PI: Kapteyn) 9/15/2019 – 6/30/2020

National Institute on Aging

The goal of this award is to develop and link contextual data with the Understanding America Study panel.

ADRD-Focused Administrative Supplement

R01AG055481 (PI: Karas-Montez; Subaward PI: Ailshire) 09/01/2018 – 08/31/2019

National Institute on Aging

The purpose of this award is to determine the degree of geographic variation in the association between education and prevalence of dementia and cognitive impairment with no dementia (CIND), how these associations change over time, and whether state-level education policy explains regional variation in dementia and CIND prevalence and trends.

Local Contextual Data Resources for Aging Research - Pilot

Network on Life Course Health Dynamics and Disparities in 21st Century America

(PI: Ailshire) 01/01/2019 – 06/30/2019

This proposed project aims to address the lack of availability and awareness of local-level contextual data by compiling a catalogue of local-level contextual data resources that are currently, or could be, linked with NIA

funded studies, and enhancing an existing contextual data resource by adding additional years of measures of several local area characteristics.

2017 Greater Los Angeles Homeless Count

Los Angeles Homeless Services Authority
(Co-PI: Ailshire)

11/01/2016 – 06/30/2017

USC is responsible for: 1) conducting the Demographic Survey to accompany the 2017 Homeless Count; 2) assist in the coordination of the 2017 Homeless Count; and 3) conduct all statistical analysis for the 2017 Homeless Count.

Neighborhood Context, Social Relationships, and Health: Examining the Pathways

R00AG039528 (PI: Ailshire)
National Institute on Aging

5/01/2012 – 4/30/2017

The purpose of this award is to obtain additional training in biological systems and psychophysiology and to incorporate this training into research elucidating the psychosocial and physiological pathways linking neighborhoods to health and aging among older and middle-aged adults.

Racial and Health Disparities from Aging in Changing Places

Network on Life Course Health Dynamics and Disparities in 21st Century America
(Co-PI with Michael Bader)

07/01/2014 – 06/30/2015

The purpose of this Pilot Project is to identify how neighborhood change affects racial health disparities among elders in the United States. We will test the hypothesis that differences in the neighborhood conditions to which Whites, Blacks, and Latinos have been exposed throughout the life course help to explain racial health disparities in cardiovascular disease and mortality.

Economic Conditions and Social Disparities in Biological Risk among US Adults

USC/UCLA Center on Biodemography and Population Health
(Co-PI with Brian Finch and Sharon Merkin)

07/01/2014 – 06/30/2015

The purpose of this Pilot Project is to determine if exposure to adverse local economic conditions, including economic decline, is related to biological risk in U.S. adults, and if differential exposures explain race/ethnic and socioeconomic disparities in cumulative biological risk.

Unequal Environments and Social Disparities in Hypertension and Diabetes - Pilot

Resource Center for Minority Aging Research (RCMAR)
(PI: Ailshire)

07/01/2014 – 06/30/2015

The purpose of the proposed project is to determine if stressors and resources in the residential environment account for the large racial and ethnic differences that have been observed in hypertension and diabetes prevalence, treatment, and control in older US adults.

Adding Contextual Data to the HRS

R21AG045625 (PI: Ailshire)
National Institute on Aging

09/01/2013 – 06/30/2015

This project aims to develop the Health and Retirement Study (HRS) Contextual Data Resource (HRS-CDR), which contains an extensive set of contextual measures encompassing social, economic, environmental, health care and built environment characteristics. These measures are obtained at multiple geographies and over time.

Residential Tenure and Mobility among Older Adults in the HRS

USC Dornsife Population Research Center
(PI: Ailshire)

01/01/2014 – 12/31/2014

The purpose of this project is to examine residential mobility patterns in older US adults using data from the Health and Retirement Study.

Unequal Environments and Race/Ethnic Disparities in Hypertension

USC Leonard Davis School of Gerontology - Hanson Thorell 06/16/2014 – 06/15/2014
(PI: Ailshire)

The purpose of the proposed research is to determine if neighborhood stressors and resources account for the persistent racial and ethnic differences that have been observed in hypertension among older adults.

Air Pollution and Cognition among Older Adults

NIH/NCMHD National Institutes of Health Loan Repayment Program in Health Disparities Research (Role: Scholar) 08/2010 – 07/2012

This project examined the unequal social distribution of exposure to ambient air pollution among older U.S. adults and the effects of air pollution exposure on their cognitive performance and decline.

Neighborhood Determinants of Well Being and Quality of Life in Older Adults

Regula A. Herzog Young Investigators Award 04/01/2009 – 03/31/2010
Survey Research Center, University of Michigan

This project examined the neighborhood determinants of social engagement and health among older, community-dwelling adults, with particular emphasis on the effects of the neighborhood social environment.

Spatial Dynamics of the Local Food and Recreation Environment: An Examination of Measurement and Effects of the Neighborhood Built Environment

RWJF Health and Society Scholars Program 2007 – 2008
University of Michigan

This project investigated methodological components of data collection and measurement of the neighborhood food and recreation environment as well as examines the effect of that environment on individual obesity, and its antecedents, using a community survey and secondary data in the city of Chicago. It explored spatial sampling and measurement strategies to cost-effectively capture the greatest amount of information about the neighborhood food and recreation environment.

Awards and Honors

2023	USC Provost's Mentoring Award
2018	USC Graduate Student Mentoring Award
2018	USC Graduate School PhD Mentoring Award (student: Lauren Brown)
2017	Elected Fellow of the Gerontological Society of America for outstanding and continuing work in the field of gerontology.
2015	Article selected as one of the 10 best Articles of the Year for 2014 in the American Journal of Epidemiology
2014-2015	Scholar, NIA Resource Center for Minority Aging Research (RCMAR), University of Southern California
2014	Distinguished Sociology of Population Paper Award – American Sociological Association Section on Sociology of Population
2012	Awarded K99/R00, Pathway to Independence Award by National Institute on Aging NIA K99 AG039528 – Pathway to Independence Award
2010	Scholar, National Center on Minority Health and Health Disparities (NCMHD), NIH
2009	A. Regula Herzog Young Investigators Award, Survey Research Center, University of Michigan
2008	Marshall Weinberg Research Fellowship, Population Studies Center, University of Michigan

2003-2006 Pre-doctoral Fellowship, NIA T32 Training Program in Social Demography, Population Research Center, University of Michigan

Professional Activities and Memberships

Memberships

2010 REVES International Network on Health Expectancies and the Disablement Process
2009 Gerontological Society of America
 [Section Membership: Behavioral and Social Sciences]
 [Interest Group Membership: Epidemiology of Aging, Environmental Gerontology]
2005 Population Association of America
2003 American Sociological Association
 [Section Membership: Aging and the Life Course, Medical Sociology, Population, Community and Urban Sociology]

Grant Review Panels

2023 ZAT1 SH(10) U24 Review; Social and Environmental Determinants of Health (SDEH)
2022 NIA AGCD 2 Career Development for Early Career Investigators; Aging Systems and Geriatrics (ASG); NIA P01 (chair)
2021 NIA AGCD 2 Career Development for Early Career Investigators; Aging Systems and Geriatrics (ASG); NCCAM
2020 NIA-S
2019 UK Medical Research Council
2019 NIH Program Project Review Panel
2018 NIH Special Emphasis Panel (July and October)
2018 Swiss National Science Foundation
2017 NIH Special Emphasis Panel
2015 NIH Social Sciences and Population Study Section [SSPB], Ad Hoc Reviewer
 NIDDK Expedited Review, Ad Hoc Reviewer
2013 Russell Sage Foundation

Journal Article Reviews

Annals of Behavioral Medicine; Biodemography and Social Biology; American Journal of Preventive Medicine; American Journal of Public Health; American Journal of Sociology
American Sociological Review; Demography; Environmental Health Perspectives; Journal of Family Issues; Journals of Gerontology: Medical Sciences; Journals of Gerontology: Social Sciences
Journal of Health and Social Behavior; Journal of Psychosomatic Research; PLOS
Population and Environment; Population Research and Policy Review; Research on Aging
Sleep Health; Social Forces; Social Science and Medicine

Academic Service

Department/School

2022-present Diversity, Equity & Inclusion Committee (co-chair)
2021-present Space Committee
2021-present Personnel Committee
2021-2022 Faculty Council

Jennifer A. Ailshire, Ph.D. | ailshire@usc.edu

2022-2023	Social Sciences Faculty Search Committee (Chair)
2017-2019	Faculty Council
2021-2022	PhD Executive Committee
2021-2022	Social Sciences Faculty Search Committee (Chair)
2017-2019	Faculty Council
2018-2019	Gerontology Representative to the Academic Senate
2014-2021	PhD Committee (Chair 2019-2021)
2014-2019	Colloquium Committee
2014-2018	Website Development Committee
2017	What's Hot in Aging, Organizer
2014-2016	IT Committee
2015-2016	Social Sciences Faculty Search Committee
2015	What's Hot in Aging, Session Organizer and Chair

University

2024-present	Postdoctoral Affairs Faculty Advisory Committee
2020-2021	Faculty Environment and Employment Committee (co-Chair)
2019-2020	Faculty Environment and Employment Committee (co-Chair)
2020	Reviewer, USC Faculty Mentoring Award
2020	Reviewer, Zumberge Diversity & Inclusion Grants
2019	Nominations Committee, Academic Senate
2019	Reviewer, Zumberge Diversity & Inclusion Grants
2018	Reviewer, Zumberge Diversity & Inclusion Grants
2018-2019	Academic Senate, Gerontology Representative
2016-2019	Faculty Organizer, USC Quantitative Methods Seminar
2015-2019	Faculty Organizer, USC Neighborhood Research Working Group
2015	Faculty Liaison, USC Good Neighbors Campaign
2015	Commencement Marshall
2014	Convocation Platform Party Participant
2014	Commencement Marshall
2013	USC Office of Postdoctoral Affairs Advisory Group Member
2013	Judge, USC Undergraduate Research Symposium – Social Sciences

Scientific Community

2023-2026	Leadership, Behavioral and Social Sciences, Gerontological Society of America, 4-year term: Vice-Chair Elect (2023); Vice Chair (2024), Chair (2025); Outgoing Chair (2026)
2017-Present	Advisory Board, National Archive for Computerized Data on Aging (NACDA)
2017-Present	Fellow, Gerontological Society of America
2017-Present	Editorial Board, Journals of Gerontology: Social Sciences
2020	Member of the BSS Fellows Review Panel, Gerontological Society of America
2019	Program Organizing Committee, Population and Aging Subcommittee, Annual Meeting of the Population Association of America.
2017-2019	Council Member, American Sociological Association Section on Aging and the Life Course
2013-2018	Organizer of the Section on Aging and the Life Course Book Raffle. American Sociological Association.
2017	Organizer, Mortality Sessions, Annual Meeting of the American Sociological Association.
2016	Discussant, Annual Meeting of the Population Association of America, "Neighborhood Context and Health Status Assessment."

	Discussant, Annual Meeting of the Population Association of America, "Methodological Issues in Race, Ethnicity, Gender, and Sexuality."
2015	Program Organizing Committee, Population and Aging Subcommittee, Annual Meeting of the Population Association of America. Session Organizer, Annual Meeting of the Population Association of America, "Aging, Health and Well-Being."
2014	Symposium Organizer and Chair, Annual Meeting of the Gerontological Society of America, "Aging in the Context of Neighborhood Change." Discussant, Annual Meeting of the Gerontological Society of America, "Neighborhood Effects on Well-being and Behavior." Discussant, Annual Meeting of the Gerontological Society of America, "Inequalities in Health and Well-Being across the Life Course: Evidence from Americans' Changing Lives".
2013	Presider, Annual Meeting of the American Sociological Association, Session on Mortality. Symposium Organizer and Chair, Annual Meeting of the Gerontological Society of America, "Neighborhood Context and Psychosocial Well-Being: Interconnections and Implications for Health."
2012	Discussant, Annual Meeting of the Population Association of America, "Race, Ethnic, and Gender Disparities in Health and Mortality."
2010	Discussant, Annual Meeting of the Population Association of America, "Neighborhood Influences on Health: Exploring the Mechanisms".

Teaching Activities

Undergraduate

Aging in Latin America (GERO 499)

University of Southern California: Maymester 2019; Maymester 2020; Maymester 2021

Aging in Latin America (GERO 486)

University of Southern California: Julymester 2023

Society and Adult Development (GERO 330)

University of Southern California: Fall 2016

Human Longevity: Does the Past Predict the Future? (FSEM 100)

Co-instructor with Caleb Finch

University of Southern California: Fall 2013

Elementary Statistics for the Social Sciences (SOC 201)

University of Michigan: Spring 2006

Graduate – Masters

Aging and the Family (GERO 585)

University of Southern California: Summer 2018; Summer 2019; Summer 2020; Summer 2021; Summer 2022; Summer 2023, Summer 2024, Summer 2025

Research Methods (GERO 593)

University of Southern California: Fall 2017; Fall 2019; Fall 2020

Graduate - PhD

Data Analysis Strategies (GERO 640)

University of Southern California: Spring 2013; Spring 2015; Spring 2018; Spring 2021

Health and Aging (GERO 613)

University of Southern California: Spring 2022

Multidisciplinary Research Seminar in Aging (GERO 592)

University of Southern California: Fall 2021

Seminar in Professionalization and Racial Equity and Justice (GERO 592)

University of Southern California: Fall 2020

The Aging Society (GERO 610)

University of Southern California: Spring 2014; Spring 2016; Spring 2019; Spring 2021

Mentorship and Advising

Current Trainees

Trainee Name	Research Training Period	Academic Degree Year and Institution	Research Topic	Current Position of Past Trainees / Source of Support of Current Trainees
Predoctoral Trainees				
Gu, Tongyu (Tori)	2024-present	PhD expected 2029	Housing, residential mobility, and health	
Cho, Sung Eun	2024-present	PhD expected 2029	Aging and health; neighborhood environmental effects on aging	
Postdoctoral Trainees				
*Fisk, Calley	2021 - present	PhD, 2017, University South Carolina	Race/ethnic differences in health; impact of structural racism on health and aging	USC R01 – postdoc
*Osuna, Margarita	2019- present	PhD, 2025, USC	Latin American demography, health, and aging	USC T32 – postdoc

*Indicates primary mentor

Past Trainees

Trainee Name	Research Training Period	Academic Degree Year and Institution	Research Topic	Current Position of Past Trainees / Source of Support of Current Trainees
Predoctoral Trainees				
*Brown, Lauren	2015-2019	PhD, 2019, USC	Health disparities; health effects of chronic and acute stress; race/ethnic differences in biomarkers of aging	<u>Current:</u> Assistant Professor, Public Health, SDSU <u>Past:</u> UM T32 – postdoc; USC T32 – predoc

Trainee Name	Research Training Period	Academic Degree Year and Institution	Research Topic	Current Position of Past Trainees / Source of Support of Current Trainees
Zhang, Yuan	2015-2020	PhD, 2020, USC	Global aging; patterns and predictors of dementia	<u>Current:</u> Assistant Professor, Public Health, Columbia University <u>Past:</u> UNC T32 – postdoc; K99/R00 – postdoc
*Frochen, Stephen	2015-2020	PhD, 2020, USC	Spatial distribution of need and long-term care facilities.	<u>Current:</u> Health Science Specialist, VA Greater Los Angeles Healthcare System <u>Past:</u> USC T32 – predoc
*Garcia (nee Perez), Catherine	2014-2020	PhD, 2020, USC	Latino/a/e aging; biomarkers of aging; health and wellbeing in neighborhoods; aging in Puerto Rican populations	<u>Current:</u> Assistant Professor, HDFS, Syracuse University <u>Past:</u> NIA R36; USC T32 - predoc
*Serman, Emily	2017-2022	PhD, 2022, USC	Population and environment dynamics in modeling infectious diseases	<u>Current:</u> Postdoc Rush University Medical Center <u>Past:</u> Graduate School Research Fellowship
*Wilkie, Rachel	2019- 2024	PhD, 2024, USC	Socioeconomic inequalities and cross-national comparisons in life expectancy and healthy aging	Dissertation Fellowship
*Vavra-Musser, Kate	2017- 2023	PhD, 2023, USC	Environmental contamination and environmental health	
Wu, Qiao	2019- 2024	PhD, 2024, USC	Health changes over time; predictors of cardiometabolic health and dementia	
Zhao, Erfei	2019- 2024	PhD, 2024, USC	Trends and disparities in kidney functioning in older U.S. and Chinese adults	
Postdoctoral Trainees				
*Choi, Eunyoung	2023 - 2026	PhD, 2022, USC	Neighborhood risk and resilience for dementia	<u>Current:</u> Assistant Professor, School of Social Work, ASU <u>Past:</u> USC T32 – postdoc
*Dang, Kristina	2023 - 2026	PhD, 2023 UCSF	Air Pollution and Cognition	USC T32 – postdoc
*Cha, Hyungmin	2023 - 2025	PhD, 2023 UT Austin	Education and gender differences in dementia	<u>Current:</u> Assistant Professor, Sociology, University of Washington <u>Past:</u> USC R01 – postdoc

Trainee Name	Research Training Period	Academic Degree Year and Institution	Research Topic	Current Position of Past Trainees / Source of Support of Current Trainees
Farina, Mateo	2019-2023	PhD, 2020, UT Austin	Racial and Ethnic Disparities in Cognition and Dementia	<u>Current:</u> Assistant Professor Human Development and Family Studies, UT Austin <u>Past:</u> USC T32 – postdoc K99/R00 – postdoc
Andrasfay, Theresa	2019-2023	PhD, 2019, Princeton	Health and mortality of older U.S. adults	<u>Current:</u> Assistant Professor of Public Health, Cal State San Marcos <u>Past:</u> USC T32
*Choi, Yeon Jin	2018- 2023	PhD, 2017, Boston College	Aging in place; health disparities; nutrition and biological risk; community supports for people with dementia and their caregivers	Assistant Professor, Social Work, University of Kentucky (starting August 2023) USC R01 – postdoc USC T32 – postdoc
*Burns, Shane	2021-2023	PhD, 2021, UAB	Global aging; disability	USC Center on Global Aging
Saenz, Joseph	2016-2020	PhD, 2016, University of Texas Medical Branch	Health disparities in cognition; Latino aging in the U.S. and Mexico	<u>Current:</u> Assistant Professor School of Nursing, ASU <u>Past:</u> USC T32 – postdoc K99/R00 – postdoc
*Cobb, Ryon	2015-2018	PhD, 2013, FSU	Race/ethnic disparities in health and wellbeing; discrimination and health; kidney disease	<u>Current:</u> Assistant Professor, Social Work, Rutgers <u>Past:</u> USC T32 – postdoc
*Lee, Haena	2019-2021	PhD, 2017, UChicago	Environmental determinants of health and wellbeing; cognitive function among older adults	<u>Current:</u> Assistant Professor Sungkyunkwan University, Seoul <u>Past:</u> USC T32 – postdoc K99/R00 – postdoc
*Sheehan, Connor	2017-2018	PhD, 2017, UT Austin	Population levels and trends in health; sleep disparities; health disparities	<u>Current:</u> Assistant Professor, School of Social and Family Dynamics Arizona State University <u>Past:</u> USC T32 - postdoc
*Mitchell, Uchechi	2014-2016	PhD, 2014, UCLA	Race/ethnic disparities in mental and physical health; environmental/community determinants of health	<u>Current:</u> Associate Professor, Public Health, UIC <u>Past:</u> USC T32 – postdoc

*Indicates primary mentor

Dissertation Committees (*indicates committee Chair)	
Gerontology	*Margarita Osuna, 2025 Erfei Zhao, 2024 Qiao Wu, 2024 Narae Kim, 2024 Hyewon Kang, 2022 Hyunju Shim, 2020 *Stephen Frochen, 2020 Laura Rath, 2020 *Catherine García (Pérez), 2020 Yuan Zhang, 2019 *Lauren Brown, 2018 Alison Balbag, 2016 Morgan Levine, 2014
Policy	Seva Rodnyansky, 2018
Population, Health and Place	*Rachel Wilkie, 2024 *Kate Vavra-Musser, 2023 *Emily Serman, 2022 Douglas Fleming, 2021
Psychology	Morgan Lynch, expected 2026 Ross Jacobucci, 2017
Social Work	Kexin Yang, 2022 Caroline Lam, 2017 Yura Lee, 2017
Sociology	Gianne Sabio, expected 2026 Jennifer Candipan, 2019