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Education

Ph.D. University of Pennsylvania, 2014

Sociology and Demography

Dissertation: Social Determinants and International Comparisons of Health and Mortality

Committee: Samuel H. Preston (chair), Irma T. Elo, Michel Guillot

M.A. University of Pennsylvania, 2010

Demography

B.A. Bates College, 2006

Environmental Studies (Concentration: Environmental Health)

Academic Positions

Boston University School of Public Health

Associate Professor, Department of Global Health 2023–

Director, MS in Population Health Research Program 2019–

Assistant Professor, Department of Global Health 2014–2023

Boston University (Secondary Appointments & Affiliations)

Associate Professor, Sociology 2023–

Faculty Affiliate, Rafik B. Hariri Institute for Computing and
Computational Science & Engineering 2023–

Assistant Professor, Sociology 2021–2023

Faculty Affiliate, Center for Emerging Infectious Diseases Policy &
Research 2021–

Faculty Affiliate, Center for Innovation in Social Science 2021–

Publications

Google Scholar Metrics, June 2026: Total Citations 11,882; *h-index* 59; *i10-index* 139

1. Wells W, Chen YH, Raquib RV, Charpignon ML, Lee AR, Chen R, **Stokes AC**, Kiang MV, Torres JM, Glymour MM. 2026. “The Long Arm of Childhood Policy: Historical Schooling Laws and COVID-19 Pandemic-Era Mortality.” *Epidemiology*.

2. **Stokes AC.** 2026. "Women's Health and Tobacco." Pp. in *Women and Health*, Third Edition, vols. 1–3, edited by R. Troisi, M. B. Goldman, Y. C. Cozier, and K. M. Rexrode. Academic Press (Elsevier). ISBN 9780443458637.
3. Bor J, Raquib RV, Himmelstein D, Woolhandler S, **Stokes AC.** 2026. "Causes of Excess Deaths in the US Compared with Other High-Income Countries." *JAMA Netw Open* 9(5):e266147.
4. Kiang MV, Li ZR, Wrigley-Field E, Raquib RV, Lundberg DJ, Paglino E, Hyunh B, Bibbins-Domingo K, Glymour MM, **Stokes AC.** 2026. "Applying Machine Learning to Identify Unrecognized COVID-19 Deaths Recorded as Other Causes of Death in the United States." *Science Advances*.
5. Weiss J, Podolsky MI, Raquib RV, Hwang P, **Stokes AC.** 2025. "Quantifying the Dementia Burden Attributable to Excess Weight in the United States." *American Journal of Preventive Medicine*.
6. Felson D, **Stokes AC.** 2025. "Obesity, Weight Loss, and Knee Osteoarthritis: the Role of Glucagon-Like Peptide-1 Receptor Agonists." *Annals of Internal Medicine*.
7. Paglino E, Raquib RV, **Stokes AC.** 2025. "Excess Deaths Attributable to the Los Angeles Wildfires from January 5 to February 1, 2025." *JAMA*.
8. Teufel F, Roddewig P, Marcus ME, Theilmann M, Andall-Brereton G, Aryal K, Azadnajafabad S, Bovet P, Dorobantu M, Farzadfar F, Houehanou C, Sibai A, **Stokes AC,** Labadarios D, Gurung M, Jorgensen J, Karki K, Lunet N, Saeedi Moghaddam S, Mwangi KJ, Sturua L, Bärnighausen T, Flood D, Geldsetzer P, Damasceno A, Davies J, Vollmer S, Ali MK, Manne-Goehler J, Bulstra C. 2025. "National Evidence on Glucose-Lowering Medication Use for Diabetes from 62 Low- and Middle-Income Countries." *Nat Commun* 16(1):7139.
9. Han DH, Leventhal AM, **Stokes AC,** Audrain-McGovern JE, Eckel SP, Liu J, Harlow AF. 2025. "Nicotine-Cannabis Transitions and Nicotine Abstinence Among United States Adults." *Epidemiology* 36(4):551–559.
10. Berlowitz JB, Xie W, Harlow AF, Kathuria H, Benjamin EJ, **Stokes AC.** 2025. "Association of Cigarette-E-Cigarette Transitions with Respiratory Symptom Resolution." *Nicotine Tob Res* 27(7):1284–1288.
11. Wang J, Ferguson EL, Buto P, Chen R, Pederson A, Choi M, **Stokes AC,** Blacker D, Glymour MM. 2025. "Sociodemographic, Health-Related, and Clinical Characteristics and Their Associations with Mortality Among All of Us Participants Compared with the United States General Population." *American Journal of Epidemiology*.
12. Paglino E, Wrigley-Field E, **Stokes AC.** 2025. "Diverging Mortality Trends by Educational Attainment in the US." *JAMA Health Forum* 6(6):e251647.
13. Zhao J, Hong H, Zhai J, Poudel R, Srivastava S, **Stokes AC,** Lorkiewicz PK, Jiang T, Robertson RM, Bhatnagar A, Hall JL, Hamburg NM, Keith RJ. 2025. "Clustering Analysis of Volatile Organic Compound Biomarkers with Tobacco Exposure and the Association with Cardiovascular Health Outcomes in an Observation Study Cohort." *Tob Induc Dis*.
14. Bor J, Raquib RV, Wrigley-Field E, Woolhandler S, Himmelstein DU, **Stokes AC.** 2025.

- “Excess US Deaths Before, During, and After the COVID-19 Pandemic.” *JAMA Health Forum* 6(5):e251118.
15. Paglino E, Elo IT, Preston SH, Hempstead K, **Stokes AC**. 2025. “Evolution of the US Nonmetropolitan Mortality Disadvantage by Sex, State, and Year, 1999–2019.” *J Rural Health* 41(2):e70040.
 16. Siegel NA, Zhao J, Benjamin EJ, Bhatnagar A, Hall JL, **Stokes AC**. 2025. “Identifying Patterns of Tobacco Use and Associated Cardiovascular Disease Risk Through Machine Learning Analysis of Urine Biomarkers.” *JACC Adv* 4(3):101630.
 17. Podolsky MI, Raquib R, Hempstead K, **Stokes AC**. 2025. “Trends in Obesity Care Among US Adults, 2010–2021.” *Med Care* 63(3):234–240.
 18. Harlow AF, **Stokes AC**, Han DH, Leventhal AM, Barrington-Trimis JL. 2025. “Vaping Transitions and Incident Depressive Symptoms Among Young Adults: a Marginal Structural Model Analysis.” *Am J Epidemiol* 194(3):746–754.
 19. Ackley SF, Wang J, Chen R, Hill-Jarrett TG, Rojas-Saunero LP, **Stokes A**, Shah SJ, Glymour MM; Alzheimer’s Disease Neuroimaging Initiative. 2025. “Methods to Crosswalk Between Cognitive Test Scores Using Data from the Alzheimer’s Disease Neuroimaging Cohort.” *Alzheimers Dement* 21(2):e14597.
 20. Poudel R, Daniels LB, DeFilippis AP, Hamburg NM, Khan Y, Keith RJ, Kumar RS, **Stokes AC**, Robertson RM, Bhatnagar A. 2025. “Correction: Smoking Is Associated with Increased Risk of Cardiovascular Events, Disease Severity, and Mortality Among Patients Hospitalized for SARS-CoV-2 Infections.” *PLoS One* 20(1):e0318361.
 21. Wrigley-Field E, Raquib RV, Berry KM, Morris KJ, **Stokes AC**. 2025. “Mortality Trends Among Early Adults in the United States, 1999–2023.” *JAMA Netw Open* 8(1):e2457538.
 22. Podolsky MI, Raquib R, Shafer PR, Hempstead K, Ellis RP, **Stokes AC**. 2025. “Factors Associated with Semaglutide Initiation Among Adults with Obesity.” *JAMA Netw Open* 8(1):e2455222.
 23. Wu J, Trifiro BM, Ranker LR, Origgi JM, Benjamin EJ, Robertson RM, Bhatnagar A, **Stokes AC**, Xuan Z, Wijaya D, Plummer B, Cornacchione Ross J, Fetterman JL, Hong T. 2024. “Health Warnings on Instagram Advertisements for Synthetic Nicotine E-Cigarettes and Engagement.” *JAMA Netw Open* 7(9):e2434434.
 24. Harlow AF, **Stokes AC**, Han DH, Leventhal AM, Barrington-Trimis JL. 2024. “Vaping Transitions and Incident Depressive Symptoms Among Young Adults: A Marginal Structural Model Analysis.” *Am J Epidemiol*.
 25. Paglino E, **Stokes AC**. 2024. “Excess Mortality as a Tool to Monitor the Evolution of Health Emergencies: Choices, Challenges, and Future Directions.” *Am J Public Health* 114(6):583–586.
 26. Xie W, Berlowitz JB, Raquib R, Harlow AF, Benjamin EJ, Bhatnagar A, **Stokes AC**. 2024. “Association of Cigarette and Electronic Cigarette Use Patterns with All-Cause Mortality: A National Cohort Study of 145,390 US Adults.” *Prev Med* 182:107943.
 27. Berry KM, **Stokes AC**, Morris KJ, Raquib RV, Wrigley-Field E. 2024. “Disparities in

- All-Cause Mortality Beyond the Acute Phase of the COVID-19 Pandemic in the US." *JAMA Netw Open* 7(2):e2356869.
28. Paglino E, Lundberg DJ, Wrigley-Field E, Zhou Z, Wasserman JA, Raquib R, Chen YH, Hempstead K, Preston SH, Elo IT, Glymour MM, **Stokes AC**. 2024. "Excess Natural-Cause Mortality in US Counties and Its Association with Reported COVID-19 Deaths." *Proc Natl Acad Sci U S A* 121(6):e2313661121.
 29. Behrooz L, Xie W, Goghari A, Robertson R, Bhatnagar A, **Stokes A**, Hamburg NM. 2024. "Electronic Cigarette Use and Chest Pain in US Adults: Evidence from the PATH Study." *Tob Induc Dis*.
 30. Brennan AT, Lauren E, Bor J, George JA, Chetty K, Milisana K, Dai A, Khoza S, Rosen S, **Stokes AC**, Raal F, Hibberd P, Alexanian SM, Fox MP, Crowther NJ. 2023. "Gaps in the Type 2 Diabetes Care Cascade: a National Perspective Using South Africa's National Health Laboratory Service (NHLS) Database." *BMC Health Serv Res* 23(1):1452.
 31. Wills TA, Xie W, **Stokes AC**. 2023. "Issues for Studies on E-Cigarettes and Chronic Obstructive Pulmonary Disorder." *Am J Prev Med* 65(6):1196–1197.
 32. Erhabor J, Boakye E, Obisesan O, Osei AD, Tasdighi E, Mirbolouk H, DeFilippis AP, **Stokes AC**, Hirsch GA, Benjamin EJ, Rodriguez CJ, Shahawy O, Robertson RM, Bhatnagar A, Blaha MJ. 2023. "E-Cigarette Use Among US Adults in the 2021 Behavioral Risk Factor Surveillance System Survey." *JAMA Netw Open* 6(11):e2340859.
 33. Luck AN, Elo IT, Preston SH, Paglino E, Hempstead K, **Stokes AC**. 2023. "COVID-19 and All-Cause Mortality by Race, Ethnicity, and Age Across Five Periods of the Pandemic in the United States." *Popul Res Policy Rev*.
 34. Benade M, Mchiza Z, Raquib RV, Prasad SK, Yan LD, Brennan AT, Davies J, Sudharsanan N, Manne-Goehler J, Fox MP, Bor J, Rosen SB, **Stokes AC**. 2023. "Health Systems Performance for Hypertension Control Using a Cascade of Care Approach in South Africa, 2011–2017." *PLOS Global Public Health* 3(9):e0002055.
 35. Boakye E, Erhabor J, Obisesan O, Tasdighi E, Mirbolouk M, Osuji N, Osei AD, Lee J, DeFilippis AP, **Stokes AC**, Hirsch GA, Benjamin EJ, Robertson RM, Bhatnagar A, El Shahawy O, Blaha MJ. 2023. "Comprehensive Review of the National Surveys that Assess E-Cigarette Use Domains Among Youth and Adults in the United States." *Lancet Reg Health Am* 23:100528.
 36. Chen R, Charpignon ML, Raquib RV, Wang J, Meza E, Aschmann HE, DeVost MA, Mooney A, Bibbins-Domingo K, Riley AR, Kiang MV, Chen YH, **Stokes AC**, Glymour MM. 2023. "Excess Mortality with Alzheimer Disease and Related Dementias as an Underlying or Contributing Cause During the COVID-19 Pandemic in the US." *JAMA Neurol*.
 37. Tasdighi E, Jha KK, Dardari ZA, Osuji N, Rajan T, Boakye E, Hall ME, Rodriguez CJ, **Stokes AC**, Shahawy O, Benjamin EJ, Bhatnagar A, DeFilippis AP, Blaha MJ. 2023. "Investigating the Association of Traditional and Non-Traditional Tobacco Product Use with Subclinical and Clinical Cardiovascular Disease: the Cross-Cohort Collaboration-Tobacco Working Group Rationale, Design, and Methodology." *Tob Induc Dis* 21:89.
 38. Paglino E, Lundberg DJ, Zhou Z, Wasserman JA, Raquib R, Luck AN, Hempstead K, Bor J,

- Preston SH, Elo IT, **Stokes AC**. 2023. "Monthly Excess Mortality Across Counties in the United States During the COVID-19 Pandemic, March 2020 to February 2022." *Sci Adv*.
39. Bor J, **Stokes AC**, Raifman J, Venkataramani A, Bassett MT, Himmelstein D, Woolhandler S. 2023. "Missing Americans: Early Death in the United States—1933–2021." *PNAS Nexus*.
 40. Erhabor J, Boakye E, Osuji N, Obisesan O, Osei AD, Mirbolouk H, **Stokes AC**, Dzaye O, El-Shahawy O, Rodriguez CJ, Hirsch GA, Benjamin EJ, DeFilippis AP, Robertson RM, Bhatnagar A, Blaha MJ. 2023. "Psychosocial Stressors and Current E-Cigarette Use in the Youth Risk Behavior Survey." *BMC Public Health* 23(1):1080.
 41. Booras A, Wiener RS, Maccarone J, **Stokes AC**, Fetterman JL, Hamburg NM, Singh J, Bulekova K, Kathuria H. 2023. "A Longitudinal Study of Perceptions of the Massachusetts Menthol Ban and Its Impact on Smoking Behaviors Among Marginalized Individuals." *Int J Environ Res Public Health*.
 42. Erhabor J, Boakye E, Osuji N, Obisesan O, Osei AD, Mirbolouk H, **Stokes AC**, Dzaye O, El-Shahawy O, Rodriguez CJ, Hirsch GA, Benjamin EJ, DeFilippis AP, Robertson RM, Bhatnagar A, Blaha MJ. 2023. "Patterns of Tobacco Product Use and Substance Misuse Among Adolescents in the United States." *Prev Med Rep* 33:102207.
 43. Lundberg DJ, Wrigley-Field E, Cho A, Raquib R, Nsoesie EO, Paglino E, Chen R, Kiang MV, Riley AR, Chen YH, Charpignon ML, Hempstead K, Preston SH, Elo IT, Glymour MM, **Stokes AC**. 2023. "COVID-19 Mortality by Race and Ethnicity in US Metropolitan and Nonmetropolitan Areas, March 2020 to February 2022." *JAMA Netw Open* 6(5):e2311098.
 44. Harlow AF, Xie W, Goghari AR, Lundberg DJ, Raquib RV, Berlowitz JB, **Stokes AC**. 2023. "Sociodemographic Differences in E-Cigarette Uptake and Perceptions of Harm." *Am J Prev Med*.
 45. Luck AN, **Stokes AC**, Hempstead K, Paglino E, Preston SH. 2023. "Associations Between Mortality from COVID-19 and Other Causes: A State-Level Analysis." *PLoS One* 18(3):e0281683.
 46. Brennan AT, Nattey C, Kileel EM, Rosen S, Maskew M, **Stokes AC**, Fox MP, Venter WDF. 2023. "Change in Body Weight and Risk of Hypertension After Switching from Efavirenz to Dolutegravir in Adults Living with HIV: Evidence from Routine Care in Johannesburg, South Africa." *EClinicalMedicine* 57:101836.
 47. Wrigley-Field E, Berry KM, **Stokes AC**, Leider JP. 2023. "COVID-19 Vaccination and Racial/Ethnic Inequities in Mortality at Midlife in Minnesota." *Am J Prev Med* 64(2):259–264.
 48. Berlowitz JB, Xie W, Harlow AF, Blaha MJ, Bhatnagar A, Benjamin EJ, **Stokes AC**. 2023. "Cigarette–E-cigarette Transitions and Respiratory Symptom Development." *Am J Prev Med* 64(4):556–560.
 49. Obisesan OH, Uddin SMI, Boakye E, Osei AD, Mirbolouk M, Orimoloye OA, Dzaye O, El Shahawy O, **Stokes AC**, DeFilippis AP, Benjamin EJ, Blaha MJ. 2023. "Pod-Based E-Cigarette Use Among US College-Aged Adults: A Survey on the Perception of Health Effects, Sociodemographic Correlates, and Interplay with Other Tobacco Products." *Tob Induc Dis* 21:34.

50. Xie W, Johnston SS, Waggoner JR, Doshi ID, **Stokes AC**. 2023. "Bariatric Surgery and Weight Loss in the Short- and Long-Term: Evidence from NHANES 2015–2018." *Clin Obes* 13(1):e12563.
51. Boden LI, Asfaw A, Busey A, Tripodis Y, O'Leary PK, Applebaum KM, **Stokes AC**, Fox MP. 2022. "Increased All-Cause Mortality Following Occupational Injury: a Comparison of Two States." *Occup Environ Med* 79(12):816–823.
52. Aschmann HE, Riley AR, Chen R, Chen YH, Bibbins-Domingo K, **Stokes AC**, Glymour MM, Kiang MV. 2022. "Dynamics of Racial Disparities in All-Cause Mortality During the COVID-19 Pandemic." *Proc Natl Acad Sci U S A* 119(40):e2210941119.
53. Chen YH, Riley AR, Duchowny KA, Aschmann HE, Chen R, Kiang MV, Mooney AC, **Stokes AC**, Glymour MM, Bibbins-Domingo K. 2022. "COVID-19 Mortality and Excess Mortality Among Working-Age Residents in California, USA, by Occupational Sector: a Longitudinal Cohort Analysis of Mortality Surveillance Data." *Lancet Public Health* 7(9):e744–e753.
54. Harlow AF, **Stokes AC**, Brooks DR, Benjamin EJ, Leventhal AM, McConnell RS, Barrington-Trimis JL, Ross CS. 2022. "Prospective Association Between E-Cigarette Use Frequency Patterns and Cigarette Smoking Abstinence Among Adult Cigarette Smokers in the United States." *Addiction* 117(12):3129–3139.
55. Mirbolouk M, Boakye E, Obisesan O, Osei AD, Dzaye O, Osuji N, Erhabor J, **Stokes AC**, El-Shahawy O, Rodriguez CJ, Hirsch GA, Benjamin EJ, DeFilippis AP, Marie Robertson R, Bhatnagar A, Blaha MJ. 2022. "E-Cigarette Use Among High School Students in the United States Prior to the COVID-19 Pandemic: Trends, Correlates, and Sources of Acquisition." *Prev Med Rep* 29:101925.
56. Harlow AF, Cho J, Tackett AP, McConnell RS, Leventhal AM, **Stokes AC**, Barrington-Trimis JL. 2022. "Motivations for E-Cigarette Use and Associations with Vaping Frequency and Smoking Abstinence Among Adults Who Smoke Cigarettes in the United States." *Drug Alcohol Depend* 238:109583.
57. Boakye E, Osuji N, Erhabor J, Obisesan O, Osei AD, Mirbolouk M, **Stokes AC**, Dzaye O, El Shahawy O, Hirsch GA, Benjamin EJ, DeFilippis AP, Robertson RM, Bhatnagar A, Blaha MJ. 2022. "Assessment of Patterns in e-Cigarette Use Among Adults in the US, 2017–2020." *JAMA Netw Open* 5(7):e2223266.
58. Mauer N, Geldsetzer P, Manne-Goehler J, Davies JL, **Stokes AC**, McConnell M, Ali MK, Winkler V, Sudharsanan N. 2022. "Longitudinal Evidence on Treatment Discontinuation, Adherence, and Loss of Hypertension Control in Four Middle-Income Countries." *Sci Transl Med*.
59. Carlesso LC, Jafarzadeh SR, **Stokes AC**, Felson DT, Wang N, Frey-Law L, Lewis CE, Nevitt M, Neogi T, Multicenter Osteoarthritis Study Group. 2022. "Depressive Symptoms and Multi-Joint Pain Partially Mediate the Relationship Between Obesity and Opioid Use in People with Knee Osteoarthritis." *Osteoarthritis Cartilage*.
60. Chen YH, **Stokes AC**, Aschmann HE, Chen R, DeVost S, Kiang MV, Koliwad S, Riley AR, Glymour MM, Bibbins-Domingo K. 2022. "Excess Natural-Cause Deaths in California by Cause and Setting: March 2020 Through February 2021." *PNAS Nexus*.

61. Manne-Goehler J, Theilmann M, Flood D, Marcus ME, Andall-Brereton G, Agoudavi K, Arboleda WAL, Aryal KK, Bicaba B, Bovet P, Brant LCC, Brian G, Chamberlin G, Chen G, Damasceno A, Dorobantu M, Dunn M, Ebert C, Farzadfar F, Gurung MS, Guwatudde D, Houehanou C, Houinato D, Hwalla N, Jorgensen JMA, Karki KB, Labadarios D, Lunet N, Malta DC, Martins JS, Mayige MT, McClure RW, Saeedi Moghaddam S, Mwangi KJ, Mwalim O, Norov B, Quesnel-Crooks S, Rhode S, Seiglie JA, Sibai A, Silver BK, Sturua L, **Stokes AC**, Supiyev A, Tsabedze L, Zhumadilov Z, Jaacks LM, Atun R, Davies JI, Geldsetzer P, Vollmer S, Bärnighausen TW. 2022. "Data Resource Profile: the Global Health and Population Project on Access to Care for Cardiometabolic Diseases (HPACC)." *Int J Epidemiol* 51(6):e337–e349.
62. Elo IT, Luck A, **Stokes AC**, Hempstead K, Xie W, Preston SH. 2022. "Evaluation of Age Patterns of COVID-19 Mortality by Race and Ethnicity from March 2020 to October 2021 in the US." *JAMA Netw Open* 5(5):e2212686.
63. Chen R, Aschmann HE, Chen YH, Glymour MM, Bibbins-Domingo K, **Stokes AC**, Kiang MV. 2022. "Racial and Ethnic Disparities in Estimated Excess Mortality from External Causes in the US, March to December 2020." *JAMA Intern Med* 182(7):776–778.
64. Berning P, Huang L, Razavi AC, Boakye E, Osuji N, **Stokes AC**, Martin SS, Ayers JW, Blaha MJ, Dzaye O. 2022. "Association of Online Search Trends with Vaccination in the United States: June 2020 Through May 2021." *Front Immunol* 13:884211.
65. Berlowitz JB, Xie W, Harlow AF, Hamburg NM, Blaha MJ, Bhatnagar A, Benjamin EJ, **Stokes AC**. 2022. "E-Cigarette Use and Risk of Cardiovascular Disease: A Longitudinal Analysis of the PATH Study (2013–2019)." *Circulation* 145(20):1557–1559.
66. Harlow AF, **Stokes AC**, Brooks DR, Benjamin EJ, Barrington-Trimis JL, Ross CS. 2022. "e-Cigarette Use and Combustible Cigarette Smoking Initiation Among Youth: Accounting for Time-Varying Exposure and Time-Dependent Confounding." *Epidemiology* 33(4):523–532.
67. Berry KM, Garcia S, Warren JR, **Stokes AC**. 2022. "Association of Weight at Different Ages and All-Cause Mortality Among Older Adults in the US." *J Aging Health* 34(4-5):705–719.
68. Xie W, Tackett AP, Berlowitz JB, Harlow AF, Kathuria H, Galiatsatos P, Fetterman JL, Cho J, Blaha MJ, Hamburg NM, Robertson RM, DeFilippis AP, Hall ME, Bhatnagar A, Benjamin EJ, **Stokes AC**. 2022. "Association of Electronic Cigarette Use with Respiratory Symptom Development Among U.S. Young Adults." *Am J Respir Crit Care Med* 205(11):1320–1329.
69. Gathirua-Mwangi WG, Palmer JR, Champion V, Castro-Webb N, **Stokes AC**, Adams-Campbell L, Marley AR, Forman MR, Rosenberg L, Bertrand KA. 2022. "Maximum and Time-Dependent Body Mass Index and Breast Cancer Incidence Among Postmenopausal Women in the Black Women's Health Study." *Am J Epidemiol* 191(4):646–654.
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71. Rezk-Hanna M, Warda US, **Stokes AC**, Fetterman J, Li J, Macey PM, Darawad M, Song Y, Ben Taleb Z, Brecht ML, Benowitz NL. 2022. "Associations of Smokeless Tobacco Use with

Cardiovascular Disease Risk: Insights from the Population Assessment of Tobacco and Health Study." *Nicotine Tob Res* 24(7):1063–1070.

72. Luck AN, Preston SH, Elo IT, **Stokes AC**. 2022. "The Unequal Burden of the Covid-19 Pandemic: Capturing Racial/ethnic Disparities in US Cause-Specific Mortality." *SSM Popul Health* 17:101012.
73. El-Shahawy O, Shah T, Obisesan OH, Durr M, **Stokes AC**, Uddin I, Pinjani R, Benjamin EJ, Mirbolouk M, Osei AD, Loney T, Sherman SE, Blaha MJ. 2022. "Association of E-Cigarettes with Erectile Dysfunction: the Population Assessment of Tobacco and Health Study." *Am J Prev Med* 62(1):26–38.
74. Busey A, Asfaw A, Applebaum KM, O'Leary PK, Tripodis Y, Fox MP, **Stokes AC**, Boden LI. 2021. "Mortality Following Workplace Injury: Quantitative Bias Analysis." *Ann Epidemiol* 64:155–160.
75. Xie W, Dumas O, Varraso R, Boggs KM, Camargo CA Jr, **Stokes AC**. 2021. "Association of Occupational Exposure to Inhaled Agents in Operating Rooms with Incidence of Chronic Obstructive Pulmonary Disease Among US Female Nurses." *JAMA Netw Open* 4(9):e2125749.
76. Boakye E, Obisesan OH, Uddin SMI, El-Shahawy O, Dzaye O, Osei AD, Benjamin EJ, **Stokes AC**, Robertson RM, Bhatnagar A, Blaha MJ. 2021. "Cannabis Vaping Among Adults in the United States: Prevalence, Trends, and Association with High-Risk Behaviors and Adverse Respiratory Conditions." *Prev Med* 153:106800.
77. **Stokes AC**, Lundberg DJ, Bor J, Elo IT, Hempstead K, Preston SH. 2021. "Association of Health Care Factors with Excess Deaths Not Assigned to COVID-19 in the US." *JAMA Netw Open* 4(9):e2125287.
78. Gleit DA, **Stokes AC**, Weinstein M. 2022. "Widening Socioeconomic Disparities in Pain and Physical Function Among Americans Are Linked with Growing Obesity." *J Aging Health* 34(1):78–87.
79. Chen YH, Chen R, Charpignon ML, Kiang MV, Riley AR, Glymour MM, Bibbins-Domingo K, **Stokes AC**. 2022. "COVID-19 Mortality Among Working-Age Americans in 46 States, by Industry and Occupation." *medRxiv*.
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168. Preston SH, **Stokes AC**, Mehta NK, Cao B. 2014. "Projecting the Effect of Changes in Smoking and Obesity on Future Life Expectancy in the United States." *Demography* 51(1):27–49.
169. Mehta NK, **Stokes AC**. 2013. "Re: 'Obesity and US Mortality Risk over the Adult Life Course'." *Am J Epidemiol* 178(2):320.
170. **Stokes AC**, Mehta NK. 2013. "Mortality and Excess Risk in US Adults with Pre-Diabetes and Diabetes: a Comparison of Two Nationally Representative Cohorts, 1988–2006." *Popul Health Metr* 11(1):3.

171. Preston SH, Mehta NK, **Stokes AC**. 2013. "Modeling Obesity Histories in Cohort Analyses of Health and Mortality." *Epidemiology* 24(1):158–66.
172. Preston SH, **Stokes AC**. 2012. "Sources of Population Aging in More and Less Developed Countries." *Popul Dev Rev* 38(2):221–236.
173. Preston SH, **Stokes AC**. 2011. "Contribution of Obesity to International Differences in Life Expectancy." *Am J Public Health* 101(11):2137–43.
174. Lim SS, Fullman N, **Stokes AC**, Ravishankar N, Masiye F, Murray CJ, Gakidou E. 2011. "Net Benefits: a Multicountry Analysis of Observational Data Examining Associations Between Insecticide-Treated Mosquito Nets and Health Outcomes." *PLoS Med* 8(9):e1001091.
175. **Stokes AC**. 2011. "Body-Mass Index and Mortality Among White Adults." *N Engl J Med* 364(8):782.
176. Beegle K, Filmer D, **Stokes AC**, Tiererova L. 2010. "Orphanhood and the Living Arrangements of Children in Sub-Saharan Africa." *World Dev* 38(12):1727–46.

Commentary

- **Stokes AC**. "Public health should embrace GLP-1 drugs without abandoning obesity prevention: Weight loss medication doesn't mean we can let go of upstream efforts." *STAT*. November 28, 2025.
- Wrigley-Field E, **Stokes AC**, Bor J. "American millennials are dying at an alarming rate." *Slate*. August 20, 2025.
- **Stokes AC**, Lundberg DJ, Wrigley-Field E, Chen YH. "COVID-19 deaths in the US continue to be undercounted, research shows, despite claims of 'overcounts'." *The Conversation*. January 25, 2023.
- **Stokes AC**, Lundberg DJ, Wrigley-Field E, Raquib RV. "Low vaccine booster rates are now a key factor in Covid-19 deaths – and racial disparities in booster rates persist." *The Conversation*. August 30, 2022.
- **Stokes AC**, Lundberg DJ, Wrigley-Field E. "'Hidden' COVID fatalities show US death investigations need reform." *The Hill*. July 25, 2022.
- **Stokes AC**. "Towards a more comprehensive surveillance of the obesity epidemic." Commentary. *IAPHS*. September 5, 2017.
- **Stokes AC**. "When Industry and Public Health Collide." Viewpoint. *Boston University School of Public Health*. September 16, 2016.
- **Stokes AC**. "Dr. Andrew Stokes on That New Excess Weight is Healthier Study." *Weighty Matters Blog*. May 18, 2016.
- **Stokes AC**. "Are There Health Benefits to Being Overweight?" *The Wall Street Journal*. April 10, 2016.

- [Stokes AC. "Lifetime Peak Weight and the Risks of Obesity."](#) *Weighty Matters Blog*. August 31, 2015.

Grants and Contracts

Boston University-Quantitative Population Science and Healthy Cognitive Aging Research Program (BU-SHARP)		
NIH/National Institute on Aging		\$2,773,853
<i>June 2026 – May 2032</i>	Multiple Principal Investigator	
Big Data for Prader Willi Syndrome		
Foundation for Prader-Willi Research		\$200,000
<i>January 2026 – June 2027</i>	Co-Principal Investigator	
Quantifying the Population-Level Impact of GLP-1 Receptor Agonists on Mortality		
Society of Actuaries Research Institute		\$50,000
<i>January 2026 – December 2026</i>	Principal Investigator	
Investigating how Glucagon-like Peptide-1 Inhibitors are Changing Obesity Care in the U.S. and the Impact on Diverse Populations		
Robert Wood Johnson Foundation		\$500,000
<i>November 2023 – November 2026</i>	Principal Investigator	
Long Term Trends and Drivers of US Mortality: Evidence from Linked Survey and Administrative Data		
Swiss Reinsurance Company Ltd		\$250,000
<i>November 2023 – July 2026</i>	Principal Investigator	
Understanding Cohort Differences in Dementia Prevalence in the United States: Quantifying the Impacts of Social, Behavioral, and Cardiovascular Risk Factors		
University of Minnesota Life Course Center Pilot Grant		\$25,000
<i>July 2024 – June 2026</i>	Co-Principal Investigator	
Novel Methods for Evaluating the Association Of Electronic Cigarette Use With Cardiovascular Health		
NIH/National Heart, Lung, and Blood Institute		\$542,443
<i>August 2020 – June 2026</i>	Principal Investigator	
Real-World Effectiveness of GLP-1/GIP Medications for Reducing the Cardiovascular Disease Burden		
American Heart Association		\$150,000
<i>April 2025 – March 2026</i>	Principal Investigator	
Real-World Outcomes Research in Obesity: Evidence from the Clinical Practice Research Datalink		
Johnson & Johnson, Inc.		\$250,000
<i>July 2020 – December 2025</i>	Principal Investigator	
Racial/Ethnic Inequities, Data Integrity, and the Hidden Deaths of the Covid-19 Pandemic		
W.K. Kellogg Foundation		\$300,000
<i>May 2022 – October 2025</i>	Principal Investigator	

Mortality and Morbidity Impact of COVID-19 Beyond the Acute Pandemic Phase-Lessons for Future Pandemics

Society of Actuaries Research Institute \$50,000
February 2024 – August 2025 Principal Investigator

Disparities In Cognitive Function, Dementia Risk, and Brain Imaging Markers by Socioeconomic Status: Elucidating Life Course Processes and Cardiometabolic Pathways

Boston University Framingham Heart Study Pilot Grant \$25,000
April 2024 – May 2025 Co-Principal Investigator

Structural Racism and the Death Investigation System: Memorializing Uncounted Deaths during the COVID-19 Pandemic through Research, Policy, and Art Advocacy

Boston University School of Public Health \$20,000
November 2023 – November 2024 Principal Investigator

PIPP Phase I: Predicting and Preventing Epidemic to Pandemic Transitions

National Science Foundation \$999,997
August 2022 – January 2024 Co-Investigator

Assessing the Impact of the Covid-19 Pandemic on UK Morbidity and Mortality

Swiss Reinsurance Company Ltd \$115,000
October 2020 – December 2023 Principal Investigator

American Heart Association Tobacco Center for Regulatory Science (A-TRAC) 2.0

NIH/National Heart, Lung and Blood Institute \$117,277
September 2018 – August 2023 Co-Investigator

Association of Electronic Cigarette Use with Respiratory Health

American Lung Association \$100,000
July 2020 – June 2023 Principal Investigator

VAPERACE

American Heart Association \$6,650,000
July 2020 – June 2023 Co-Investigator

Developing Innovative Ways to Quantify Covid-19's Total Mortality Burden and Assessing the Uneven Socioeconomic and Racial/Ethnic Impacts

Robert Wood Johnson Foundation \$299,858
May 2020 – June 2023 Principal Investigator

Development of an Interactive Platform for Tracking Excess Deaths during the COVID-19 Pandemic

Boston University Center for Emerging Infectious Diseases Policy & Research \$20,000
January 2022 – May 2023 Principal Investigator

Causes of Geographic Divergence in American Mortality Between 1990 and 2015: Health Behaviors, Health Care Access and Migration / Supplement: Contribution of COVID-19 to Geographic Divergence in American Mortality

NIH/National Institute on Aging (Supplement to 5-R01-AG-060115; PI: Elo) \$82,740
August 2021 – March 2023 Principal Investigator of subaward to BU

Identifying the Effect of Tobacco-Related Policies on Population Health

Tobacco Regulatory Science ARC, Evans Center for Interdisciplinary Biomedical <i>January 2018 – December 2021</i>	\$10,000 Principal Investigator
Examining Obesity as A Factor in Prescription Opioid Use and How It Varies by Demographic, Socioeconomic, Geographic, and Health Care Factors Robert Wood Johnson Foundation <i>May 2018 – December 2020</i>	\$149,600 Principal Investigator
Identifying Factors Associated with Progression to Morbid Obesity in a Nationally Representative Sample of Young Adults in the United States Ethicon Endo Surgery Inc. <i>September 2016 – December 2020</i>	\$227,648 Principal Investigator
Examining the Real-World Effects of Surgical Smoke in the NHS I/II Johnson & Johnson, Inc. <i>November 2019 – August 2020</i>	\$79,692 Principal Investigator
USC/UCLA Center On Biodemography and Population Health / Supplement: Contribution of Alzheimer’s Disease and Related Dementia to US Mortality and Life Expectancy in the United States NIH/National Institute on Aging (Supplement to P30 AG017265; PI: Crimmins) <i>September 2018 – June 2020</i>	\$228,419 Principal Investigator of subaward to BU
University of Washington Center for Demography and Economics of Aging-Overall University of Washington <i>September 2017 – December 2019</i>	\$74,991 Principal Investigator
The Contribution of Diabetes to Mortality in the United States The Trustees of The University of Pennsylvania <i>May 2017 – April 2019</i>	\$45,919 Principal Investigator
The Contribution of Diabetes to Trends in Life Expectancy in the United States University of Michigan <i>July 2017 – December 2018</i>	\$11,693 Principal Investigator
Retention and adherence in antiretroviral therapy: Investigation into concomitant NCD treatment in a South African centralized dispensary Boston University School of Public Health, Early Career Catalyst Pilot Program <i>March 2017 – December 2018</i>	\$18,005 Principal Investigator
Tobacco Product Transitions and Health Across the Life Course in a Nationally Representative Longitudinal Study of Youth and Adults in the United States American Heart Association <i>July 2017 – August 2018</i>	\$46,663 Principal Investigator
Using Lifetime Maximum Weight to Measure Prevalence, Trends, and Mortality Risks of Obesity in the NHANES HHS/Center for Disease Control <i>July 2016 – December 2017</i>	\$57,941 Principal Investigator
Contribution of Obesity to International Differences in Longevity The Trustees of The University of Pennsylvania	\$64,550

Teaching Experience

Courses Taught

- *Essentials of Population Health Research*, Boston University School of Public Health. Summer 2020, Summer 2021, Summer 2021 (PHX), Summer 2022, Summer 2023, Summer 2024, Summer 2025.
- *Applied Research Methods in Global Health (GH 811)*, Boston University School of Public Health. Spring 2015, Fall 2015 (teaching award), Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025, Fall 2025, Spring 2026.
- *Module 1 of the BU Online MPH Program*. Fall 2023, Fall 2024, Fall 2025.
- *Quantitative Research Methods*, University of Western Cape, School of Public Health, Cape Town, South Africa. Spring 2017.
- *Research Proposal Development: A Practical Approach to Team Grant Writing (GH 808)*, Boston University School of Public Health. Fall 2014.
- *Health of Populations (HSOC 111)*, University of Pennsylvania. Summer 2013, Spring 2014.

Guest Lectures

- *Demography and Population Health* with Marcia Castro. “Estimating Excess Mortality.” 2021.
- *Introduction to Data & Research Methods* with Bernie Harlow. “Leveraging Secondary Data for Population Health Research.” 2018, 2019, 2020.
- *Quantitative Core Course* with Lisa Sullivan. “Introduction to Public Health Data Sources.” November 2018.
- *Global Reproductive and Perinatal Health (GH 881)* with Monica Onyango. “Maternal Mortality Estimation.” April 2016, 2017.
- *Women and Health Policy: Gender, Evidence and Politics (MC 840)* with Judith Bernstein. “Examining the Distal Causes of the Obesity Epidemic in the United States: An Analysis and Case Study.” October 2015.
- *Gender, Sexuality, Power & Inequality (GH 735)* with Lisa Messersmith. “Investigating the Obesity Epidemic through a Sociological Lens.” September 2015.
- *Qualitative Research Strategies in Global Public Health* with Siobhan Mattison (HS 440). “Priority Setting in Global Health.” April 2015.
- *Global Reproductive and Perinatal Health (GH 881)* with Monica Onyango. “Maternal Mortality Estimation.” April 2015.

Advising and Mentoring

Post-Doctoral Researchers: Wubin Xie (BUSPH)

Doctoral Students: Alyssa Harlow (BUSPH), Eugenio Paglino (Penn), Anneliese Luck (Penn), Dielle Lundberg (UW), Katie Berry (UMN), Zhenwei Zhou (BUSPH), Ahyoung Cho (BU), Lei Ma (BU), Tom Fisher (Bordeaux), Gwen Aubrac (BUSPH)

Research Fellows (BUSPH): Rafeya Raquib, Aboli Goghari, Anna Wilson, Jason Collins, Dan Flanagan

MS/MPH/MD Students – Research Advising (BUSPH): Sarah Mazen, Meghan Podolsky, David Li, Lydia Marshall, Elektra Manolakos, Shaylan Hill, Sylvia Lutze, Mariet Benade, Elif Coskun, Steele Myrick, Amanda Slider, Caroline Dignard, Jon Berlowitz, Noah Siegel, Rebecca Lipscomb, Yunqing Han, Mikas Hansen, Joshua Mann, Ingyin Khine, Minh Le

MS Students – Program & Academic Advising (BUSPH): 2019–2025 MS-PHR Cohorts

Awards and Fellowships

- Teaching Award for Fall 2016 course: Applied Research Methods in Global Health (GH 811). Boston University School of Public Health.
- Graduate Fellow and Project Director, National Institutes of Health Grant “Contribution of Obesity to International Differences in Life Expectancy.” NIA R01AG040212. Preston P.I. 2011–2014.
- Population Association of America Poster Session Award. 2011.
- Graduate Fellow, Trio NIA/PARC Grant Award, University of Pennsylvania, 2011.
- Summer Fellowship Award, National Bureau of Economic Research, 2010.
- Graduate Fellow, NIA Training Grant, University of Pennsylvania, 2009–2011.
- Post-Bachelor Fellowship, Institute for Health Metrics and Evaluation, Seattle, WA, 2007–2008.
- Post-Bachelor Fellowship, Harvard Initiative for Global Health, Harvard University, Cambridge, MA, 2006–2007.
- Otis Fellowship for research on household energy use and health in Guatemala, Bates College, 2003.

Invited Talks & Presentations

1. “Identifying Patterns of Tobacco Use and Associated Cardiovascular Disease Risk Through Machine Learning Analysis of Urine Biomarkers.” CASEL Webinar. November 12, 2025.
2. “Ozempic Era: Rethinking Medicine, Metabolism, and the Market.” Boston Globe Future of Medicine Summit. Harvard Medical School. September 24, 2025.

3. "Contribution of Midlife Cardiometabolic Risk Factors to U.S. Dementia Prevalence and Incidence Trends, 1998–2020." *Methods for Longitudinal Studies and Dementia (MELODEM)*. Red Wing, MN. June 2025.
4. "Contribution of Obesity to All-Cause Mortality Trends in the United States, 1989–2019." REVES Conference. Tampere, Finland. May 2025.
5. "A Case Study focusing on US Mortality Trends and Disparities." Swiss Re Resilience Summit. November 2024.
6. "Cause-Specific Excess Mortality during the COVID-19 Pandemic." Society of Actuaries Annual Meeting. October 29, 2024.
7. "Tracking Mortality and Cause of Death for Sentinel Surveillance of Emerging Infectious Diseases." Centers for Disease Control and Prevention. July 31, 2024.
8. "Modeling the Consequences of the COVID-19 Pandemic for Future Mortality Trends: A Time Series Modeling Approach." University of Bordeaux. July 5, 2024.
9. "Modeling the Consequences of the COVID-19 Pandemic for Future Mortality Trends: A Time Series Modeling Approach." University of Oxford. June 11, 2024.
10. "Estimates of the Association of Dementia with US Mortality Levels Using Linked Survey and Mortality Records." MELODEM Network. June 2, 2024.
11. "Excess mortality across the metro-non-metro continuum in the United States, 1999–2021." Population Association of America Annual Meeting. April 14, 2024.
12. "How Many Deaths has the COVID-19 Pandemic Really Caused in the United States and What Does that Mean for Mortality Inequities." American Sociological Association Annual Meeting. August 20, 2023.
13. "How Many Deaths has the COVID-19 Pandemic Really Caused in the United States? A Look at Current Evidence." PARC Aging Retreat at the University of Pennsylvania. May 1, 2023.
14. "Identifying Patterns of Tobacco Use through Cluster Analysis of Urine Biomarkers: Implications for Cardiovascular Disease Risk." American Heart Association Center for Regulatory Science Annual Meeting, Louisville, KY, April 11, 2023.
15. "How Many Deaths has the COVID-19 Pandemic Really Caused in the United States? A Look at Current Evidence." Rafik B. Hariri Institute for Computing and Computational Science & Engineering, Boston University. March 22, 2023.
16. "How Many Deaths has the COVID-19 Pandemic Really Caused in the United States? A Look at Current Evidence." National Geospatial Intelligence Agency. February 28, 2023.
17. "How Many Deaths has the COVID-19 Pandemic Really Caused in the United States? A Look at Current Evidence." Leverhulme Center for Demographic Sciences at Oxford University. February 20, 2023.

18. "Geographic and Temporal Patterns in COVID-19 and Excess Mortality in International Context." Science Seminar in the Division of Global Health Protection (DGHP) at the Centers for Disease Control and Prevention. November 10, 2022.
19. "Novel Methods for Evaluating Tobacco Product Transitions and Cardiopulmonary Health Outcomes in the E-Cigarette Era." Yale University School of Medicine. November 8, 2022.
20. "Longitudinal Evidence on the Association of E-Cigarette Use with Cardiovascular Health." American Heart Association Scientific Sessions 2022 (Chicago, IL). November 6, 2022.
21. "Global Excess Mortality for Surveillance for Pandemic Preparedness and Response." Seminar in the Department of Global Health at the Boston University School of Public Health. October 28, 2022.
22. "Association of E-Cigarette Product Transitions with Cardiopulmonary Health Outcomes in the United States." USC Keck School of Medicine, Department of Public and Population Health. October 26, 2022.
23. "Geographic and Temporal Trends in COVID-19 and Excess Mortality in the United States." University of California, Berkeley, Department of Demography and Berkeley Population Center. September 28, 2022.
24. "Geographic and Temporal Trends in COVID-19 and Excess Mortality in the United States." The Johns Hopkins University, Department of Sociology and Population Center. September 15, 2022.
25. "Geographic and Temporal Trends in COVID-19 and Excess Mortality in the United States." The Scandinavian Population Association Meeting. June 9, 2022. Oslo, Norway.
26. "Pandemic Mortality Surveillance and the US Health Care System." Invited Speaker for Panel Presentation with the Office of the Assistant Secretary for Planning and Evaluation. U.S. Department of Health and Human Services. AcademyHealth. Washington, DC. June 6, 2022.
27. "COVID-19, Excess Mortality, and the US Health Care System." ASPE. Office of the Assistant Secretary for Planning and Evaluation. U.S. Department of Health and Human Services. December 2, 2021.
28. "Implications of the Covid-19 Pandemic for Present and Future Mortality Trends in the United States." American Academy of Actuaries Annual Meeting. November 5, 2021.
29. "Cardiopulmonary Health Effects of E-Cigarettes: Evidence from the PATH Study." Fall 2021 NIH/FDA Tobacco Regulatory Science Meeting. October 19, 2021.
30. "Spatial-Temporal Trends in COVID-19 and Excess Mortality in the United States." Boston University Research on Tap: Pandemic Preparedness and Response. September 22, 2021.
31. "Spatial-Temporal Trends in COVID-19 and Excess Mortality in the United States." Canadian Population Society Annual Meeting. May 19, 2021.
32. "Spatial-Temporal Trends in COVID-19 and Excess Mortality in the United States." Swiss Re Foundation COVID-19 Impacts Meeting. February 17, 2021.

33. "Race, Ethnicity, and the Validity of Cause of Death Assignment for COVID-19 in the United States." Select Subcommittee of the Coronavirus Crisis. June 11, 2021.
34. "Race, Ethnicity, and the Validity of Cause of Death Assignment for COVID-19 in the United States." National Committee on Vital and Health Statistics. April 1, 2021.
35. Population Health Research Workshop (5th Annual), University of Pennsylvania, Philadelphia, PA. December 2020.
36. Population Association of America. Impact of Covid-19 on Mortality in the US. November 2020.
37. Department of Global Health Seminar Series, Boston University School of Public Health, October 2020.
38. CASEL Webinar, Tobacco Regulatory Science Consortium, Health Effects of E-cigarettes, September 2020.
39. National Institutes of Health and FDA Center for Tobacco Products. Tobacco Regulatory Science Meeting. October 2019.
40. University of Louisville, Envirome Institute, August 2019.
41. University of Vermont, Center for Behavior and Health, January 2019.
42. Think Teach Do San Francisco, JP Morgan Health Care Conference, January 2019.
43. Boston University School of Medicine, Clinical Epidemiology Research & Training Unit, August 2018.
44. University of Louisville, Department of Medicine, Cardiology, August 2018.
45. University of Southern California, Department of Preventive Medicine. July 2018.
46. National Institutes of Health and FDA Center for Tobacco Products. June 2018.
47. Chulalongkorn University, School of Medicine, Department of Preventive Medicine, Bangkok, Thailand, March 2018.
48. A-TRAC Annual Meeting, University of Louisville, Kentucky, March 2018.
49. Centers for Disease Control & Prevention, National Center for Health Statistics, June 2017.
50. Boston University, Slone Center for Epidemiology, November 2016.
51. Boston University, School of Public Health, Global Health, November 2016.
52. Population Health Conference at Boston University, September 2016.
53. Boston University, Women's Guild Seminar, October 2015.
54. Boston University, School of Public Health, Global Health, August 2015.
55. Boston University, School of Public Health, Epidemiology, February 2015.

56. Boston University, School of Public Health, Environmental Health Annual Retreat, November 2014.
57. University of Minnesota, Minnesota Population Center and Division of Epidemiology and Community Health, September 2014.
58. University of Pennsylvania, Center for Clinical Epidemiology and Biostatistics, June 2014.
59. University of Pennsylvania, Center for Health Incentives and Behavioral Economics at the Leonard Davis Institute of Health Economics, April 2014.
60. Indiana University, School of Public and Environmental Affairs, February 2014.
61. Northwestern University, Department of Preventive Medicine, Feinberg School of Medicine, February 2014.
62. University of Michigan, Center for Social Epidemiology and Population Health, School of Public Health, February 2014.
63. University of Washington, Institute for Health Metrics and Evaluation, January 2014.
64. University of Alabama Birmingham, School of Public Health, January 2014.
65. Harvard University, Department of Nutrition, School of Public Health, December 2013.
66. Boston University, School of Public Health, December 2013.
67. RAND Corporation, Santa Monica, December 2013.
68. University of Missouri, Department of Health Sciences, December 2013.
69. Gerontological Society of America, 66th Annual Scientific Meeting, November 2013.
70. University of Pennsylvania, Population Studies Center, November 2013.

Invited Workshops

The Science of Alzheimer’s Disease and Related Dementias (ADRD) for Social Scientists Program at the University of Southern California Leonard D. Schaeffer Center for Health Policy & Economics. October 27–28, 2022.

Selected Media Coverage

- *PRB*. May 29, 2026. “Demographers Are Changing How We Understand Infectious Disease.”
- *Forensic*. March 23, 2026. “Study: Uncounted Pandemic Deaths Reveal Gaps in Death Investigation System.”
- *AP News*. March 18, 2026. “More than 150,000 uncounted COVID-19 deaths occurred early in the pandemic, a study finds.”
- *Grist*. August 8, 2025. “As California burns, new research shows smoke is wildfire’s silent killer.”

- *USA Today*. August 7, 2025. "Estimated death toll from LA wildfires skyrockets in new report."
- *LA Times*. August 6, 2025. "Hundreds of deaths may be linked to the Eaton and Palisades fires, new study suggests."
- *CBS Evening News*. August 6, 2025. "The health impacts of wildfires."
- *The Washington Post*. August 6, 2025. "The Los Angeles fires may have killed hundreds more people than official records show."
- *NIH Research Matters*. July 1, 2025. "Education levels may affect mortality trends."
- *The Guardian*. February 29, 2024. "Covid death toll in US likely 16% higher than official tally, study says."
- *The Star Tribune*. February 15, 2024. "Most 'excess deaths' during pandemic were COVID."
- *The New York Times*. October 31, 2023. "Bariatric Surgery at 16."
- *The New York Times*. October 18, 2023. "Why are so many Americans dying?"
- *The New York Times*. August 9, 2023. "Why is America Such a Deadly Place?"
- *The Washington Post*. July 21, 2023. "Two Kennedys on covid."
- *The Boston Globe*. June 22, 2023. "Massachusetts ranks No. 1 in new report as the state with the best overall health care system."
- *The Boston Globe*. May 10, 2023. "Is the COVID pandemic really over? Here's what the data show."
- *The Washington Post*. April 16, 2023. "Covid is still a leading cause of death as the virus recedes."
- *USA Today*. December 28, 2022. "The uncounted: People of color are dying at much higher rates than what COVID data suggests."
- *Time Magazine*. August 31, 2022. "U.S. Life Expectancy Declined Nearly a Year in 2021, Deepening Historic Slide."
- *The New York Times*. July 28, 2022. "In Rural America, Covid Hits Black and Hispanic People Hardest."
- *The New York Times*. May 31, 2022. "During the Omicron Wave, Death Rates Soared for Older People."
- *Associated Press*. May 16, 2022. "Death certificates reveal that US hit grim COVID milestone."
- *The Philadelphia Tribune*. May 9, 2022. "Smoking both traditional and e-cigarettes may carry same heart risks as cigarettes alone."
- *Boston Globe*. May 5, 2022. "BU professor: True death toll of COVID-19 pandemic could now be as high as 1.22 million in United States."

- *Scientific American*. March 29, 2022. "What One Million COVID Dead Mean for the U.S.'s Future."
- *The Atlantic*. March 8, 2022. "How did this many deaths become normal?"
- *USA Today*. December 26, 2021. "Uncounted: Inaccurate death certificates across the country hide the true toll of COVID-19."
- *Forbes*. December 11, 2021. "Vaping Associated With Over 2x The Erectile Dysfunction Risk, Study Says."
- *USA Today*. December 9, 2021. "The US is undercounting COVID deaths, researchers say. Now they have a tool to figure out why."
- *Salon*. September 27, 2021. "COVID deaths severely undercounted among communities of color, new study finds."
- *Scientific American*. September 1, 2021. "The Pandemic's Hidden Toll is Revealed in Excess Death Counts."
- *Scientific American*. June 2, 2021. "Excess Deaths Reveal the Pandemic's Hidden Toll in Some U.S. Counties."
- *San Francisco Chronicle*. May 31, 2021. "How large was the undercount of COVID-19 deaths across California?"
- *Stat*. January 25, 2021. "Undercounting of Covid-19 deaths is greatest in pro-Trump areas, analysis shows."
- *U.S. News & World Report*. January 4, 2021. "Smoking Plus Vaping Just as Deadly as Smoking on Its Own: Study."
- *U.S. News & World Report*. August 17, 2020. "Don't Wait to Lose Weight: Shedding Obesity in Youth Extends Life."
- *Forbes*. August 15, 2020. "A New Study Says It's Better to Lose Weight Earlier in Life."
- *U.S. News & World Report*. February 1, 2019. "Vaping May Pose Big Risk for Smoking in Otherwise 'Low-Risk' Kids."
- *Time Magazine*. January 15, 2018. "Obesity shaved almost a year off US life expectancy, study says."
- *The Atlantic*. August 14, 2017. "Is it unhealthy to be overweight?"
- *Washington Post*. April 7, 2017. "Diabetes is even deadlier than we thought, study suggests."
- *NPR, All Things Considered*. April 3, 2017. "Carrying some extra pounds may not be good after all."
- *USA Today*. April 3, 2017. "A little extra fat is not a survival advantage, study says."
- *Vox*. January 25, 2017. "Diabetes may be a major, overlooked reason Americans are now dying earlier."

- *US News & World Report*. January 25, 2017. “Diabetes kills more Americans than had been thought.”
- *Los Angeles Times*. January 6, 2016. “When it comes to losing weight and getting healthy, procrastination kills.”
- *Vox*. October 20, 2015. “The obesity paradox: Why Coke is promoting a theory that being fat won’t hurt your health.”
- *Vox*. March 25, 2015. “The author of a new obesity book says we shouldn’t try to lose weight. She’s wrong.”
- *Reporting on Health, USC Annenberg*. August 18, 2014. “For the Healthiest Weight, the Past Is as Important as the Present.”
- *The Philadelphia Inquirer*. April 13, 2014. “Check Up: New study recalculates weight’s effect on mortality risk.”
- *Center for Retirement Research at Boston College*. January 2014. “How Will More Obesity and Less Smoking Affect Life Expectancy?”
- *The Philadelphia Inquirer*. October 31, 2011. “Check Up: National Health Issue: Americans are Growing Fatter Younger.”

Professional Affiliations and Service

Member

Population Association of America; Interdisciplinary Association for Population Health Sciences; Society for Epidemiologic Research; American Sociological Association; The Gerontological Association of America; American Heart Association; Alzheimer’s Association; AcademyHealth; Obesity Society.

Conference Session Organizer, Chair, or Discussant

- Population Association of America Annual Meeting, St. Louis, MO, 2026. Chair for “Food Insecurity, Inequality, and the U.S. Food Environment”; Discussant for “Use and Promise of Federal Statistics”; Discussant for “Structural Pathways and Interventions across the Life Course.”
- Population Association of America Annual Meeting. Organizing Committee Member for Health & Mortality Sessions, Washington, D.C., 2025.
- Population Association of America Annual Meeting. Organizing Committee Member for Health & Mortality Sessions, Virtual Meeting, 2020.
- Population Association of America Annual Meeting, Denver, CO, 2018. Chair for “Health & Mortality in Low- and Middle-Income Countries I”; Discussant for “Health & Mortality in Low- and Middle-Income Countries II.”
- Population Association of America Annual Meeting, Chicago, IL, 2017. Session Organizer and Chair for “Health and Nutrition”; Discussant for “Trends and Causes of Adult Mortality in the US.”

- Population Association of America Annual Meeting, New Orleans, LA, 2013. Chair for “Unions and Health.”

University and Departmental Service

- Co-Director, Boston University Population Science Seminar (BU PopSci), 2026–Present.
- Member, Public Health Data Science Taskforce, 2025–Present.
- Director, MS Program in Public Health Data Science, 2022–Present.
- Director, MS Programs in Epidemiology, Global Health, Climate and Health, Translation and Implementation Science, and Population Health Research, 2019–Present.
- Member, MS-PHR Admissions Committee, BUSPH, 2019–Present.
- Member, Education Committee, BUSPH, 2019–Present.
- Member, MPH Admissions Committee, BUSPH, 2015–2019.
- Member, Senior Advisory Committee, BUSPH Population Health Workshop, 2017–2019.
- At-Large Member, BUSPH Faculty Senate, 2017–2019.
- Member, M&E Certificate Planning Group, BUSPH, 2016–2018.
- Member, Quantitative Core Committee, BUSPH, 2014–2015.

Service to the Profession

- National Advisory Board Member, NIA Demography and Economics of Aging Coordinating Center (DECC), 2026–Present.
- Steering Committee Member, Mortality and Longevity Research Program, Society of Actuaries, 2025–Present.
- Deputy Editor, *Journal of Health and Social Behavior*, 2022–Present.
- NIH Review Panel Member for “Understanding Place-Based Health Inequalities in Mid-Life.” National Institute on Aging at the National Institutes of Health. June 9–10, 2022.
- Member, Technical Advisory Committee on COVID-19 Mortality Assessment, World Health Organization, 2022–Present.
- Writing Group Member, American Heart Association Heart and Stroke Statistical Update, 2018–2021.

Peer-Reviewer

Demography, Population and Development Review, Demographic Research, Socius, Journal of Health and Social Behavior, Social Science and Medicine, Social Science and Medicine – Population Health, The Journals of Gerontology – Social Sciences, American Journal of Epidemiology, International Journal of Epidemiology, Epidemiology, Biodemography, New England Journal of Medicine, Annals of Internal Medicine, Circulation, Tobacco Control, Nicotine and Tobacco Research, Health Services Research, PLOS Medicine.