

ANDREW C. STOKES

CURRICULUM VITAE

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EDUCATION

Ph.D. in Sociology and Demography, University of Pennsylvania, 2014

Dissertation: Social Determinants and International Comparisons of Health and Mortality
Committee: Samuel H. Preston (chair), Irma T. Elo, Michel Guillot

M.A. in Demography, University of Pennsylvania, 2010

B.A. in Environmental Studies (Concentration: Environmental Health), Bates College, 2006

ACADEMIC POSITIONS

- 2023- Associate Professor, Department of Global Health, Boston University School of Public Health.
- 2023- Faculty Affiliate, Rafik B. Hariri Institute for Computing and Computational Science & Engineering, Boston University
- 2021- Faculty Affiliate, Center for Emerging Infectious Diseases Policy & Research, Boston University
- 2021- Faculty Affiliate, Center for Innovation in Social Science, Boston University
- 2021- Assistant Professor, Sociology, Boston University (*Secondary*)
- 2019- Director, Master of Science in Population Health Research Program, Boston University School of Public Health
- 2014- Assistant Professor, Department of Global Health, Boston University School of Public Health.

GRANTS AND CONTRACTS

Investigating how Glucagon-like Peptide-1 Inhibitors are Changing Obesity Care in the U.S. and the Impact on Diverse Populations

Sponsor: Robert Wood Johnson Foundation

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Funding: \$500,000.00
Award Period: November 2023 - November 2026
Role: Principal Investigator

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

Sponsor: Boston University School of Public Health
Funding: \$20,000.00
Award Period: November 2023 – November 2024
Role: Principal Investigator

PIPP Phase I: Predicting and Preventing Epidemic to Pandemic Transitions

Sponsor: National Science Foundation
Funding: \$999,997.00
Award Period: August 2022 – January 2024
Role: Co-Investigator

Racial/Ethnic Inequities, Data Integrity, and the Hidden Deaths of the Covid-19 Pandemic

Sponsor: W.K. Kellogg Foundation
Funding: \$300,000.00
Award Period: May 2022 - April 2024
Role: Principal Investigator

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

Sponsor: Boston University Center for Emerging Infectious Diseases Policy & Research
Funding: \$20,000.00
Award Period: January 2022 - May 2023
Role: Principal Investigator

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

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

Novel Methods for Evaluating the Association Of Electronic Cigarette Use With Cardiovascular Health

Sponsor: NIH/National Heart, Lung, and Blood Institute
Funding: \$542,443.00
Award Period: August 2020 - June 2025
Role: Principal Investigator

Association of Electronic Cigarette Use with Respiratory Health

Sponsor: American Lung Association

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Funding: \$100,000.00
Award Period: July 2020 - June 2023
Role: Principal Investigator

VAPERACE

Sponsor: American Heart Association
Funding: \$6,650,000.00
Award Period: July 2020 – June 2023
Role: Co-Investigator

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

Sponsor: Robert Wood Johnson Foundation
Funding: \$299,858.00
Award Period: May 2020 - June 2023
Role: Principal Investigator

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

Sponsor: NIH/National Heart, Lung and Blood Institute
Funding: \$117,277.00
Award Period: September 2018 – August 2023
Role: Co-Investigator

USC/UCLA Center On Biodemography and Population Health / Supplement Title: Contribution of Alzheimer's Disease and Related Dementia to US Mortality and Life Expectancy in the United States

Sponsor: NIH/National Institute on Aging (Supplement to P30 AG017265; PI: Crimmins)
Funding: \$228,419.00
Award Period: September 2018 – June 2020
Role: Principal Investigator of subaward to BU

Examining Obesity as A Factor in Prescription Opioid Use and How It Varies by Demographic, Socioeconomic, Geographic, and Health Care Factors

Sponsor: Robert Wood Johnson Foundation
Funding: \$149,600.00
Award Period: May 2018 - December 2020
Role: Principal Investigator

Identifying the Effect of Tobacco-Related Policies on Population Health

Sponsor: Tobacco Regulatory Science ARC, Evans Center for Interdisciplinary Biomedical
Funding: \$10,000.00
Award Period: January 2018 - December 2021
Role: Principal Investigator

University of Washington Center for Demography and Economics of Aging-Overall

Sponsor: University of Washington
Funding: \$74,991.04

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Award Period: September 2017 - December 2019

Role: Principal Investigator

The Contribution of Diabetes to Trends in Life Expectancy in the United States

Sponsor: University of Michigan

Funding: \$11,693.46

Award Period: July 2017 - December 2018

Role: 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

Sponsor: American Heart Association

Funding: \$46,663.52

Award Period: July 2017 - August 2018

Role: Principal Investigator

The Contribution of Diabetes to Mortality in the United States

Sponsor: The Trustees of The University of Pennsylvania

Funding: \$45,919.72

Award Period: May 2017 - April 2019

Role: Principal Investigator

Retention and adherence in antiretroviral therapy: Investigation into concomitant NCD treatment in a South African centralized dispensary

Sponsor: Boston University School of Public Health, Early Career Catalyst Pilot Program.

Funding: \$18,005.00

Award Period: March 2017 – December 2018

Role: Principal Investigator

Using Lifetime Maximum Weight to Measure Prevalence, Trends, and Mortality Risks of Obesity in the NHANES

Sponsor: HHS/Center for Disease Control

Funding: \$57,941.00

Award Period: July 2016 - December 2017

Role: Principal Investigator

Contribution of Obesity to International Differences in Longevity

Sponsor: The Trustees of The University of Pennsylvania

Funding: \$64,550.20

Award Period: June 2015 - May 2016

Role: Principal Investigator

PUBLICATIONS

1. 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. Gaps in the type

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- 2 diabetes care cascade: a national perspective using South Africa's National Health Laboratory Service (NHLS) database. *BMC Health Serv Res.* 2023;23(1):1452.
2. Wills TA, Xie W, **Stokes AC**. Issues for Studies on E-cigarettes and Chronic Obstructive Pulmonary Disorder. *Am J Prev Med.* 2023;65(6):1196-1197.
 3. 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. E-Cigarette Use Among US Adults in the 2021 Behavioral Risk Factor Surveillance System Survey. *JAMA Netw Open.* 2023;6(11):e2340859.
 4. Luck AN, Elo IT, Preston SH, Paglino E, Hempstead K, **Stokes AC**. 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.* 2023;42(4). doi:10.1007/s11113-023-09817-8
 5. 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**. Health systems performance for hypertension control using a cascade of care approach in South Africa, 2011-2017. *PLOS Global Public Health.* 2023;3(9):e0002055.
 6. 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. Comprehensive review of the national surveys that assess E-cigarette use domains among youth and adults in the United States. *Lancet Reg Health Am* [Internet]. 2023 Jul;23:100528. Available from: <http://dx.doi.org/10.1016/j.lana.2023.100528> PMID: PMC10366460
 7. 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. Excess Mortality with Alzheimer Disease and Related Dementias as an Underlying or Contributing Cause During the COVID-19 Pandemic in the US. *JAMA Neurol* [Internet]. 2023 Jul 17; Available from: <http://dx.doi.org/10.1001/jamaneurol.2023.2226> PMID: PMC10352932
 8. 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. 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.* 2023;21:89.
 9. Paglino E, Lundberg DJ, Zhou Z, Wasserman JA, Raquib R, Luck AN, Hempstead K, Bor J, Preston SH, Elo IT, **Stokes AC**. Monthly excess mortality across counties in the United States during the COVID-19 pandemic, March 2020 to February 2022. *Sci Adv* [Internet]. 2023 Jun 23;9(25):eadf9742. Available from: <http://dx.doi.org/10.1126/sciadv.adf9742> PMID: PMC10289647

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10. Bor J, **Stokes AC**, Raifman J, Venkataramani A, Bassett MT, Himmelstein D, Woolhandler S. Missing Americans: Early death in the United States-1933-2021. *PNAS Nexus* [Internet]. Oxford University Press (OUP); 2023 Jun;2(6):gad173. Available from: <https://academic.oup.com/pnasnexus/article/doi/10.1093/pnasnexus/pgad173/7185600> PMID: PMC10257439
11. 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. Psychosocial stressors and current e-cigarette use in the youth risk behavior survey. *BMC Public Health* [Internet]. 2023 Jun 6;23(1):1080. Available from: <http://dx.doi.org/10.1186/s12889-023-16031-w> PMID: PMC10242777
12. Booras A, Wiener RS, Maccarone J, **Stokes AC**, Fetterman JL, Hamburg NM, Singh J, Bulekova K, Kathuria H. 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* [Internet]. 2023 May 11;20(10). Available from: <http://dx.doi.org/10.3390/ijerph20105790> PMID: PMC10218059
13. 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. Patterns of tobacco product use and substance misuse among adolescents in the United States. *Prev Med Rep* [Internet]. 2023 Jun;33:102207. Available from: <http://dx.doi.org/10.1016/j.pmedr.2023.102207> PMID: PMC10201858
14. 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**. COVID-19 Mortality by Race and Ethnicity in US Metropolitan and Nonmetropolitan Areas, March 2020 to February 2022. *JAMA Netw Open* [Internet]. 2023 May 1;6(5):e2311098. Available from: <http://dx.doi.org/10.1001/jamanetworkopen.2023.11098> PMID: PMC10155069
15. Harlow AF, Xie W, Goghari AR, Lundberg DJ, Raquib RV, Berlowitz JB, **Stokes AC**. Sociodemographic Differences in E-Cigarette Uptake and Perceptions of Harm. *Am J Prev Med* [Internet]. 2023 Mar 15; Available from: <http://dx.doi.org/10.1016/j.amepre.2023.03.009> PMID: 36924804
16. Luck AN, **Stokes AC**, Hempstead K, Paglino E, Preston SH. Associations between mortality from COVID-19 and other causes: A state-level analysis. *PLoS One* [Internet]. 2023 Mar 6;18(3):e0281683. Available from: <http://dx.doi.org/10.1371/journal.pone.0281683> PMID: PMC9987806
17. Brennan AT, Nattey C, Kileel EM, Rosen S, Maskew M, **Stokes AC**, Fox MP, Venter WDF. 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* [Internet]. 2023 Mar;57:101836. Available from: <http://dx.doi.org/10.1016/j.eclinm.2023.101836> PMID: PMC9932660

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18. Wrigley-Field E, Berry KM, **Stokes AC**, Leider JP. COVID-19 Vaccination and Racial/Ethnic Inequities in Mortality at Midlife in Minnesota. *Am J Prev Med* [Internet]. 2023 Feb;64(2):259–264. Available from: <http://dx.doi.org/10.1016/j.amepre.2022.08.005> PMID: PMC9622467
19. Berlowitz JB, Xie W, Harlow AF, Blaha MJ, Bhatnagar A, Benjamin EJ, **Stokes AC**. Cigarette–E-cigarette Transitions and Respiratory Symptom Development. *Am J Prev Med*. 2023;64(4):556-560.
20. 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. 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* [Internet]. 2023 Mar 3;21:34. Available from: <http://dx.doi.org/10.18332/tid/159177> PMID: PMC9983309
21. Xie W, Johnston SS, Waggoner JR, Doshi ID, **Stokes AC**. Bariatric surgery and weight loss in the short- and long-term: Evidence from NHANES 2015-2018. *Clin Obes*. 2023 Feb;13(1):e12563. doi: 10.1111/cob.12563. PMID: 36444393.
22. Boden LI, Asfaw A, Busey A, Tripodis Y, O'Leary PK, Applebaum KM, **Stokes AC**, Fox MP. Increased all-cause mortality following occupational injury: a comparison of two states. *Occup Environ Med*. 2022 Dec;79(12):816-823. doi: 10.1136/oemed-2022-108481. Epub 2022 Oct 17. PMID: 36253089.
23. Aschmann HE, Riley AR, Chen R, Chen YH, Bibbins-Domingo K, **Stokes AC**, Glymour MM, Kiang MV. Dynamics of racial disparities in all-cause mortality during the COVID-19 pandemic. *Proc Natl Acad Sci U S A*. 2022 Oct 4;119(40):e2210941119. doi: 10.1073/pnas.2210941119. Epub 2022 Sep 20. PMID: 36126098; PMID: PMC9546535.
24. Chen YH, Riley AR, Duchowny KA, Aschmann HE, Chen R, Kiang MV, Mooney AC, **Stokes AC**, Glymour MM, Bibbins-Domingo K. 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*. 2022 Sep;7(9):e744-e753. doi: 10.1016/S2468-2667(22)00191-8. PMID: 36057273; PMID: PMC9433054.
25. Harlow AF, **Stokes AC**, Brooks DR, Benjamin EJ, Leventhal AM, McConnell RS, Barrington-Trimis JL, Ross CS. Prospective association between e-cigarette use frequency patterns and cigarette smoking abstinence among adult cigarette smokers in the United States. *Addiction*. 2022 Dec;117(12):3129-3139. doi: 10.1111/add.16009. Epub 2022 Aug 12. PMID: 35913015; PMID: PMC9804676.
26. 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. E-cigarette use among high school students in the

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- United States prior to the COVID-19 pandemic: Trends, correlates, and sources of acquisition. *Prev Med Rep.* 2022 Jul 22;29:101925. doi: 10.1016/j.pmedr.2022.101925. PMID: 35911577; PMCID: PMC9326337.
27. Harlow AF, Cho J, Tackett AP, McConnell RS, Leventhal AM, **Stokes AC**, Barrington-Trimis JL. 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.* 2022 Sep 1;238:109583. doi: 10.1016/j.drugalcdep.2022.109583. Epub 2022 Jul 22. PMID: 35907310.
 28. 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. Assessment of Patterns in e-Cigarette Use Among Adults in the US, 2017-2020. *JAMA Netw Open.* 2022 Jul 1;5(7):e2223266. doi: 10.1001/jamanetworkopen.2022.23266. PMID: 35867060; PMCID: PMC9308055.
 29. Mauer N, Geldsetzer P, Manne-Goehler J, Davies JI, **Stokes AC**, McConnell M, Ali MK, Winkler V, Sudharsanan N. Longitudinal evidence on treatment discontinuation, adherence, and loss of hypertension control in four middle- income countries. *Sci Transl Med.* 2022 Jul 6;14(652):eabi9522. doi: 10.1126/scitranslmed.abi9522. Epub 2022 Jul 6. PMID: 35857627.
 30. Carlesso LC, Jafarzadeh SR, **Stokes AC**, Felson DT, Wang N, Frey-Law L, Lewis CE, Nevitt M, Neogi T, Multicenter Osteoarthritis Study Group. Depressive symptoms and multi-joint pain partially mediate the relationship between obesity and opioid use in people with knee osteoarthritis. *Osteoarthritis Cartilage* [Internet]. 2022 Jun 11; Available from: <http://dx.doi.org/10.1016/j.joca.2022.06.002> PMID: 35700904
 31. Chen YH, **Stokes AC**, Aschmann HE, Chen R, DeVost S, Kiang MV, Koliwad S, Riley AR, Glymour MM, Bibbins-Domingo K. Excess natural-cause deaths in California by cause and setting: March 2020 through February 2021. *PNAS Nexus.* 2022 Jun 8;1(3):pgac079. doi: 10.1093/pnasnexus/pgac079. PMID: 35832865; PMCID: PMC9272175.
 32. 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. Data Resource Profile: The Global Health and Population Project on Access to Care for Cardiometabolic Diseases (HPACC). *Int J Epidemiol.* 2022 Dec 13;51(6):e337-e349. doi: 10.1093/ije/dyac125. PMID: 35762972.

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33. Elo IT, Luck A, **Stokes AC**, Hempstead K, Xie W, Preston SH. Evaluation of Age Patterns of COVID-19 Mortality by Race and Ethnicity From March 2020 to October 2021 in the US. *JAMA Netw Open*. 2022 May 2;5(5):e2212686. doi: 10.1001/jamanetworkopen.2022.12686. Erratum in: *JAMA Netw Open*. 2022 Aug 1;5(8):e2228383. PMID: 35579900; PMCID: PMC9115616.
34. Chen R, Aschmann HE, Chen YH, Glymour MM, Bibbins-Domingo K, **Stokes AC**, Kiang MV. Racial and Ethnic Disparities in Estimated Excess Mortality From External Causes in the US, March to December 2020. *JAMA Intern Med*. 2022 Jul 1;182(7):776-778. doi: 10.1001/jamainternmed.2022.1461. PMID: 35532918; PMCID: PMC9086931.
35. Berning P, Huang L, Razavi AC, Boakye E, Osuji N, **Stokes AC**, Martin SS, Ayers JW, Blaha MJ, Dzaye O. Association of Online Search Trends With Vaccination in the United States: June 2020 Through May 2021. *Front Immunol*. 2022 Apr 20;13:884211. doi: 10.3389/fimmu.2022.884211. PMID: 35514956; PMCID: PMC9066639.
36. Berlowitz JB, Xie W, Harlow AF, Hamburg NM, Blaha MJ, Bhatnagar A, Benjamin EJ, **Stokes AC**. E-Cigarette Use and Risk of Cardiovascular Disease: A Longitudinal Analysis of the PATH Study (2013-2019). *Circulation*. 2022 May 17;145(20):1557-1559. doi: 10.1161/CIRCULATIONAHA.121.057369. Epub 2022 May 6. PMID: 35514292; PMCID: PMC9362726.
37. Harlow AF, **Stokes AC**, Brooks DR, Benjamin EJ, Barrington-Trimis JL, Ross CS. e-Cigarette Use and Combustible Cigarette Smoking Initiation Among Youth: Accounting for Time-Varying Exposure and Time-Dependent Confounding. *Epidemiology*. 2022 Jul 1;33(4):523-532. doi: 10.1097/EDE.0000000000001491. Epub 2022 Mar 29. PMID: 35394965; PMCID: PMC9156560.
38. Berry KM, Garcia S, Warren JR, **Stokes AC**. Association of Weight at Different Ages and All-Cause Mortality Among Older Adults in the US. *J Aging Health*. 2022 Aug-Sep;34(4-5):705-719. doi: 10.1177/08982643211059717. Epub 2022 Feb 26. PMID: 35220792; PMCID: PMC9411264.
39. 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**. Association of Electronic Cigarette Use with Respiratory Symptom Development among U.S. Young Adults. *Am J Respir Crit Care Med*. 2022 Jun 1;205(11):1320-1329. doi: 10.1164/rccm.202107-1718OC. PMID: 35089853.
40. Gathirua-Mwangi WG, Palmer JR, Champion V, Castro-Webb N, **Stokes AC**, Adams-Campbell L, Marley AR, Forman MR, Rosenberg L, Bertrand KA. Maximum and Time-Dependent Body Mass Index and Breast Cancer Incidence Among Postmenopausal Women in the Black Women's Health Study. *Am J Epidemiol*. 2022 Mar 24;191(4):646-654. doi: 10.1093/aje/kwac004. PMID: 35020804; PMCID: PMC9077111.
41. Ackley CA, Lundberg DJ, Ma L, Elo IT, Preston SH, **Stokes AC**. County-level estimates of excess mortality associated with COVID-19 in the United States. *SSM Popul Health*.

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- 2022 Mar;17:101021. doi: 10.1016/j.ssmph.2021.101021. Epub 2022 Jan 5. PMID: 35018297; PMCID: PMC8730693.
42. Rezk-Hanna M, Warda US, **Stokes AC**, Fetterman J, Li J, Macey PM, Darawad M, Song Y, Ben Taleb Z, Brecht ML, Benowitz NL. Associations of Smokeless Tobacco Use With Cardiovascular Disease Risk: Insights From the Population Assessment of Tobacco and Health Study. *Nicotine Tob Res.* 2022 Jun 15;24(7):1063-1070. doi: 10.1093/ntr/ntab258. PMID: 34999825; PMCID: PMC9199939.
 43. Luck AN, Preston SH, Elo IT, **Stokes AC**. The unequal burden of the Covid-19 pandemic: Capturing racial/ethnic disparities in US cause-specific mortality. *SSM Popul Health.* 2022 Mar;17:101012. doi: 10.1016/j.ssmph.2021.101012. Epub 2021 Dec 22. PMID: 34961843; PMCID: PMC8697426.
 44. 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. Association of E-Cigarettes With Erectile Dysfunction: The Population Assessment of Tobacco and Health Study. *Am J Prev Med.* 2022 Jan;62(1):26-38. doi: 10.1016/j.amepre.2021.08.004. Epub 2021 Nov 30. PMID: 34922653.
 45. Busey A, Asfaw A, Applebaum KM, O'Leary PK, Tripodis Y, Fox MP, **Stokes AC**, Boden LI. Mortality following workplace injury: Quantitative bias analysis. *Ann Epidemiol.* 2021 Dec;64:155-160. doi: 10.1016/j.annepidem.2021.09.015. Epub 2021 Oct 1. PMID: 34607011.
 46. Xie W, Dumas O, Varraso R, Boggs KM, Camargo CA Jr, **Stokes AC**. Association of Occupational Exposure to Inhaled Agents in Operating Rooms With Incidence of Chronic Obstructive Pulmonary Disease Among US Female Nurses. *JAMA Netw Open.* 2021 Sep 1;4(9):e2125749. doi: 10.1001/jamanetworkopen.2021.25749. PMID: 34542617; PMCID: PMC8453320.
 47. Boakye E, Obisesan OH, Uddin SMI, El-Shahawy O, Dzaye O, Osei AD, Benjamin EJ, **Stokes AC**, Robertson RM, Bhatnagar A, Blaha MJ. Cannabis vaping among adults in the United States: Prevalence, trends, and association with high-risk behaviors and adverse respiratory conditions. *Prev Med.* 2021 Dec;153:106800. doi: 10.1016/j.ypmed.2021.106800. Epub 2021 Sep 11. Erratum in: *Prev Med.* 2022 Jun;159:107052. PMID: 34520787; PMCID: PMC9830549.
 48. **Stokes AC**, Lundberg DJ, Bor J, Elo IT, Hempstead K, Preston SH. Association of Health Care Factors With Excess Deaths Not Assigned to COVID-19 in the US. *JAMA Netw Open.* 2021 Sep 1;4(9):e2125287. doi: 10.1001/jamanetworkopen.2021.25287. PMID: 34515787; PMCID: PMC8438594.
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 104. Mutyambizi C, Booyesen F, **Stokes AC**, Pavlova M, Groot W. Lifestyle and socio-economic inequalities in diabetes prevalence in South Africa: A decomposition analysis. *PLoS One*. 2019 Jan 30;14(1):e0211208. doi: 10.1371/journal.pone.0211208. PMID: 30699173; PMCID: PMC6353159.
 105. Xu H, Cupples LA, **Stokes AC**, Liu CT. Association of Obesity With Mortality Over 24 Years of Weight History: Findings From the Framingham Heart Study. *JAMA Netw Open*. 2018 Nov 2;1(7):e184587. doi: 10.1001/jamanetworkopen.2018.4587. Erratum in: *JAMA Netw Open*. 2018 Dec 7;1(8):e186657. PMID: 30646366; PMCID: PMC6324399.
 106. Vierboom YC, Preston SH, **Stokes AC**. Patterns of weight change associated with disease diagnosis in a national sample. *PLoS One*. 2018 Nov 26;13(11):e0207795. doi: 10.1371/journal.pone.0207795. PMID: 30475881; PMCID: PMC6261267.
 107. Brennan AT, Jamieson L, Crowther NJ, Fox MP, George JA, Berry KM, **Stokes AC**, Maskew M, Sanne I, Long L, Cassim N, Rosen S. Prevalence, incidence, predictors, treatment, and control of hypertension among HIV-positive adults on antiretroviral treatment in public sector treatment programs in South Africa. *PLoS One*. 2018 Oct 3;13(10):e0204020. doi: 10.1371/journal.pone.0204020. PMID: 30281618; PMCID: PMC6169897.

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108. Jaber RM, Mirbolouk M, DeFilippis AP, Maziak W, Keith R, Payne T, **Stokes AC**, Benjamin E, Bhatnagar A, Blankstein R, Saxena A, Blaha MJ, Nasir K. Electronic Cigarette Use Prevalence, Associated Factors, and Pattern by Cigarette Smoking Status in the United States From NHANES (National Health and Nutrition Examination Survey) 2013-2014. *J Am Heart Assoc.* 2018 Jul 14;7(14):e008178. doi: 10.1161/JAHA.117.008178. PMID: 30007934; PMCID: PMC6064855.
109. Harlow AF, **Stokes AC**, Brooks DR. Socioeconomic and Racial/Ethnic Differences in E-Cigarette Uptake Among Cigarette Smokers: Longitudinal Analysis of the Population Assessment of Tobacco and Health (PATH) Study. *Nicotine Tob Res.* 2019 Sep 19;21(10):1385-1393. doi: 10.1093/ntr/nty141. PMID: 29986109; PMCID: PMC6751515.
110. Banack HR, **Stokes AC**, Fox MP, Hovey KM, Cespedes Feliciano EM, LeBlanc ES, Bird C, Caan BJ, Kroenke CH, Allison MA, Going SB, Snetselaar L, Cheng TD, Chlebowski RT, Stefanick ML, LaMonte MJ, Wactawski-Wende J. Stratified Probabilistic Bias Analysis for Body Mass Index-related Exposure Misclassification in Postmenopausal Women. *Epidemiology.* 2018 Sep;29(5):604-613. doi: 10.1097/EDE.0000000000000863. PMID: 29864084; PMCID: PMC6481627.
111. **Stokes AC**, Collins JM, Berry KM, Reynolds LM, Fetterman JL, Rodriguez CJ, Siegel MB, Benjamin EJ. Electronic Cigarette Prevalence and Patterns of Use in Adults with a History of Cardiovascular Disease in the United States. *J Am Heart Assoc.* 2018 Apr 26;7(9):e007602. doi: 10.1161/JAHA.117.007602. PMID: 29700041; PMCID: PMC6015295.
112. **Stokes AC**, Collins JM, Grant BF, Hsiao CW, Johnston SS, Ammann EM, Berry KM, Tong C, Scamuffa RF. Prevalence and Determinants of Engagement with Obesity Care in the United States. *Obesity (Silver Spring).* 2018 May;26(5):814-818. doi: 10.1002/oby.22173. Epub 2018 Apr 6. PMID: 29626388; PMCID: PMC5947584.
113. Berry KM, Reynolds LM, Collins JM, Siegel MB, Fetterman JL, Hamburg NM, Bhatnagar A, Benjamin EJ, **Stokes AC**. E-cigarette initiation and associated changes in smoking cessation and reduction: the Population Assessment of Tobacco and Health Study, 2013-2015. *Tob Control.* 2019 Jan;28(1):42-49. doi: 10.1136/tobaccocontrol-2017-054108. Epub 2018 Mar 24. PMID: 29574448; PMCID: PMC6317439.
114. **Stokes AC**, Collins JM, Grant BF, Scamuffa RF, Hsiao CW, Johnston SS, Ammann EM, Manson JE, Preston SH. Obesity Progression Between Young Adulthood and Midlife and Incident Diabetes: A Retrospective Cohort Study of U.S. Adults. *Diabetes Care.* 2018 May;41(5):1025-1031. doi: 10.2337/dc17-2336. Epub 2018 Mar 5. PMID: 29506982; PMCID: PMC5911788.
115. Mchiza ZJ, Parker WA, Sewpaul R, Job N, Chola L, Mutyambizi C, Sithole M, **Stokes AC**, Labadarios D. Understanding the determinants of hemoglobin and iron status: adolescent-adult women comparisons in SANHANES-1. *Ann N Y Acad Sci.* 2018 Jan 23. doi: 10.1111/nyas.13528. Epub ahead of print. PMID: 29359477.

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117. Preston SH, Choi D, Elo IT, **Stokes AC**. Effect of Diabetes on Life Expectancy in the United States by Race and Ethnicity. *Biodemography Soc Biol*. 2018;64(2):139-151. doi: 10.1080/19485565.2018.1542291. Epub 2018 Dec 20. PMID: 31178981; PMCID: PMC6550350.
118. Banack HR, Wactawski-Wende J, Hovey KM, **Stokes AC**. Is BMI a valid measure of obesity in postmenopausal women? *Menopause*. 2018 Mar;25(3):307-313. doi: 10.1097/GME.0000000000000989. PMID: 29135897; PMCID: PMC5821529.
119. Berry KM, Parker WA, Mchiza ZJ, Sewpaul R, Labadarios D, Rosen S, **Stokes AC**. Quantifying unmet need for hypertension care in South Africa through a care cascade: evidence from the SANHANES, 2011-2012. *BMJ Glob Health*. 2017 Aug 16;2(3):e000348. doi: 10.1136/bmjgh-2017-000348. PMID: 29082013; PMCID: PMC5656122.
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121. **Stokes AC**, Ni Y, Preston SH. Prevalence and Trends in Lifetime Obesity in the U.S., 1988-2014. *Am J Prev Med*. 2017 Nov;53(5):567-575. doi: 10.1016/j.amepre.2017.06.008. Epub 2017 Sep 5. PMID: 28886964; PMCID: PMC5675125.
122. **Stokes AC**, Preston SH. How Dangerous Is Obesity? Issues in Measurement and Interpretation. *Popul Dev Rev*. 2016 Dec;42(4):595-614. doi: 10.1111/padr.12015. Epub 2016 Dec 12. PMID: 28701804; PMCID: PMC5484337.
123. Banack HR, **Stokes AC**. The “obesity paradox” may not be a paradox at all. *Int J Obes* [Internet]. 2017; Available from: <https://www.nature.com/articles/ijo201799>
124. **Stokes AC**, Preston SH. The contribution of rising adiposity to the increasing prevalence of diabetes in the United States. *Prev Med*. 2017 Aug;101:91-95. doi: 10.1016/j.ypmed.2017.05.031. Epub 2017 Jun 1. PMID: 28579501; PMCID: PMC5540312.
125. Yu E, Ley SH, Manson JE, Willett W, Satija A, Hu FB, **Stokes AC**. Weight History and All-Cause and Cause-Specific Mortality in Three Prospective Cohort Studies. *Ann Intern Med*. 2017 May 2;166(9):613-620. doi: 10.7326/M16-1390. Epub 2017 Apr 4. PMID: 28384755; PMCID: PMC5518318.

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126. **Stokes AC**, Preston SH. Deaths Attributable to Diabetes in the United States: Comparison of Data Sources and Estimation Approaches. *PLoS One*. 2017 Jan 25;12(1):e0170219. doi: 10.1371/journal.pone.0170219. PMID: 28121997; PMCID: PMC5266275.
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128. Manne-Goehler J, Atun R, **Stokes AC**, Goehler A, Houinato D, Houehanou C, Hambou MM, Mbenza BL, Sobngwi E, Balde N, Mwangi JK, Gathecha G, Ngugi PW, Wesseh CS, Damasceno A, Lunet N, Bovet P, Labadarios D, Zuma K, Mayige M, Kagaruki G, Ramaiya K, Agoudavi K, Guwatudde D, Bahendeka SK, Mutungi G, Geldsetzer P, Levitt NS, Salomon JA, Yudkin JS, Vollmer S, Bärnighausen T. Diabetes diagnosis and care in sub-Saharan Africa: pooled analysis of individual data from 12 countries. *Lancet Diabetes Endocrinol*. 2016 Nov;4(11):903-912. doi: 10.1016/S2213-8587(16)30181-4. Epub 2016 Oct 7. PMID: 27727123.
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132. Preston SH, Fishman E, **Stokes AC**. Effects of categorization and self-report bias on estimates of the association between obesity and mortality. *Ann Epidemiol*. 2015 Dec;25(12):907-11.e1-2. doi: 10.1016/j.annepidem.2015.07.012. Epub 2015 Aug 19. PMID: 26385831; PMCID: PMC4688238.
133. Baker JF, Billig E, Michaud K, Ibrahim S, Caplan L, Cannon GW, **Stokes AC**, Majithia V, Mikuls TR. Weight Loss, the Obesity Paradox, and the Risk of Death in Rheumatoid Arthritis. *Arthritis Rheumatol*. 2015 Jul;67(7):1711-7. doi: 10.1002/art.39136. PMID: 25940140; PMCID: PMC4826750.
134. Tencza C, **Stokes AC**, Preston S. Factors responsible for mortality variation in the United States: A latent variable analysis. *Demogr Res*. 2014 Jul;21(2):27-70. doi: 10.4054/DemRes.2014.31.2. PMID: 25419171; PMCID: PMC4238308.

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135. **Stokes AC.** Using maximum weight to redefine body mass index categories in studies of the mortality risks of obesity. *Popul Health Metr.* 2014 Mar 17;12(1):6. doi: 10.1186/1478-7954-12-6. PMID: 24636105; PMCID: PMC3985598.
136. **Stokes AC, Preston SH.** Population Change among the Elderly: International Patterns. *Popul Dev Rev.* 2013 Feb 19;38(Suppl 1):309-321. doi: 10.1111/j.1728-4457.2013.00566.x. PMID: 24634548; PMCID: PMC3949680.
137. Preston SH, **Stokes AC.** Obesity paradox: conditioning on disease enhances biases in estimating the mortality risks of obesity. *Epidemiology.* 2014 May;25(3):454-61. doi: 10.1097/EDE.000000000000075. PMID: 24608666; PMCID: PMC3984024.
138. Fishman EI, **Stokes AC, Preston SH.** The dynamics of diabetes among birth cohorts in the U.S. *Diabetes Care.* 2014 Apr;37(4):1052-9. doi: 10.2337/dc13-1982. Epub 2014 Feb 10. PMID: 24513590; PMCID: PMC3964490.
139. Preston SH, **Stokes AC, Mehta NK, Cao B.** Projecting the effect of changes in smoking and obesity on future life expectancy in the United States. *Demography.* 2014 Feb;51(1):27-49. doi: 10.1007/s13524-013-0246-9. PMID: 24272710; PMCID: PMC4495773.
140. Mehta NK, **Stokes AC.** Re: "obesity and US mortality risk over the adult life course". *Am J Epidemiol.* 2013 Jul 15;178(2):320. doi: 10.1093/aje/kwt117. Epub 2013 Jun 21. PMID: 23792893; PMCID: PMC3988448.
141. **Stokes AC, Mehta NK.** Mortality and excess risk in US adults with pre- diabetes and diabetes: a comparison of two nationally representative cohorts, 1988-2006. *Popul Health Metr.* 2013 Feb 28;11(1):3. doi: 10.1186/1478-7954-11-3. PMID: 23448510; PMCID: PMC3637637.
142. Preston SH, Mehta NK, **Stokes AC.** Modeling obesity histories in cohort analyses of health and mortality. *Epidemiology.* 2013 Jan;24(1):158-66. doi: 10.1097/EDE.0b013e3182770217. PMID: 23211348; PMCID: PMC3870658.
143. Preston SH, **Stokes AC.** Sources of Population Aging in More and Less Developed Countries. *Popul Dev Rev.* 2012 Jun 27;38(2):221-236. doi: 10.1111/j.1728-4457.2012.00490.x. PMID: 24653544; PMCID: PMC3957219.
144. Preston SH, **Stokes AC.** Contribution of obesity to international differences in life expectancy. *Am J Public Health.* 2011 Nov;101(11):2137-43. doi: 10.2105/AJPH.2011.300219. Epub 2011 Sep 22. PMID: 21940912; PMCID: PMC3222401.
145. Lim SS, Fullman N, **Stokes AC, Ravishankar N, Masiye F, Murray CJ, Gakidou E.** Net benefits: a multicountry analysis of observational data examining associations between insecticide-treated mosquito nets and health outcomes. *PLoS Med.* 2011 Sep;8(9):e1001091. doi: 10.1371/journal.pmed.1001091. Epub 2011 Sep 6. PMID: 21909249; PMCID: PMC3167799.

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146. **Stokes AC.** Body-mass index and mortality among white adults. *N Engl J Med.* 2011 Feb 24;364(8):782; author reply 782-3. doi: 10.1056/NEJMc1014730. PMID: 21345119.
147. Beegle K, Filmer D, **Stokes AC**, Tiererova L. Orphanhood and the Living Arrangements of Children in Sub-Saharan Africa. *World Dev.* 2010 Dec 1;38(12):1727–46.

COMMENTARY

Stokes, Andrew, Lundberg, Dielle, Wrigley-Field, Elizabeth, Chen, Yea-Hung. “COVID-19 deaths in the US continue to be undercounted, research shows, despite claims of ‘overcounts’.” *The Conversation.* January 25, 2023.

Stokes, Andrew, Lundberg, Dielle, Wrigley-Field, Elizabeth, Raquib, Rafeya. “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, Andrew, Lundberg, Dielle, Wrigley-Field, Elizabeth. “‘Hidden’ COVID fatalities show US death investigations need reform.” *The Hill.* July 25, 2022.

Stokes, Andrew. “Towards a more comprehensive surveillance of the obesity epidemic.” Commentary. *IAPHS.* September 5, 2017.

Stokes, Andrew. “When Industry and Public Health Collide.” Viewpoint. *Boston University School of Public Health.* September 16, 2016.

Stokes, Andrew. “Dr. Andrew Stokes on That New Excess Weight is Healthier Study.” *Weighty Matters Blog.* May 18, 2016.

Stokes, Andrew. “Are There Health Benefits to Being Overweight?” *The Wall Street Journal* April 10, 2016.

Stokes, Andrew. “Lifetime Peak Weight and the Risks of Obesity.” *Weighty Matters Blog.* August 31, 2015. A modified version of this essay was published on Medpage Today on September 3, 2015 under the title “Obesity and Death: What Can We Learn from Weight Histories?”

Stokes, Andrew. “Explaining the Obesity Paradox.” *Leonard Davis Institute of Health Economics.* August 7, 2014.

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.

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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.

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. Title “Estimating Excess Mortality.” 2021.

Introduction to Data & Research Methods with Bernie Harlow. Title: “Leveraging Secondary Data for Population Health Research.” 2018, 2019, 2020.

Quantitative Core Course with Lisa Sullivan. Title: “Introduction to Public Health Data Sources.” November, 2018.

Global Reproductive and Perinatal Health (GH 881) with Monica Onyango. Title: “Maternal Mortality Estimation.” April, 2016, 2017.

Women and Health Policy: Gender, Evidence and Politics (MC 840) with Judith Bernstein. Title: “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. Title: “Investigating the Obesity Epidemic through a Sociological Lens.” September, 2015.

Qualitative Research Strategies in Global Public Health with Siobhan Mattison (HS 440). Title: “Priority Setting in Global Health.” April 2015.

Global Reproductive and Perinatal Health (GH 881) with Monica Onyango. Title: “Maternal Mortality Estimation.” April, 2015.

ADVISING AND MENTORING

Post-Doctoral Students: 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)

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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, Shaylan Hill, Jon Berlowitz, Noah Siegel, Rebecca Lipscomb, Yunqing Han, Mikas Hansen

MS Students – Program & Academic Advising (BUSPH): 2019-2023 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. “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.
2. “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.

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3. "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.
4. "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.
5. "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.
6. "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.
7. "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.
8. "Novel Methods for Evaluating Tobacco Product Transitions and Cardiopulmonary Health Outcomes in the E-Cigarette Era." Yale University School of Medicine. November 8, 2022.
9. "Longitudinal Evidence on the Association of E-Cigarette Use with Cardiovascular Health." American Heart Association Scientific Sessions 2022 (Chicago, IL). November 6, 2022.
10. "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.
11. "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.
12. "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.
13. "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.
14. "Geographic and Temporal Trends in COVID-19 and Excess Mortality in the United States." The Scandinavian Population Association Meeting. June 9, 2022. Oslo, Norway.

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15. "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.
16. "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.
17. "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.
18. "Cardiopulmonary Health Effects of E-Cigarettes: Evidence from the PATH Study." Fall 2021 NIH/FDA Tobacco Regulatory Science Meeting. October 19, 2021.
19. "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.
20. "Spatial-Temporal Trends in COVID-19 and Excess Mortality in the United States." Canadian Population Society Annual Meeting. May 19, 2021.
21. "Spatial-Temporal Trends in COVID-19 and Excess Mortality in the United States." Swiss Re Foundation COVID-19 Impacts Meeting. February, 17, 2021.
22. "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.
23. "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.
24. Population Health Research Workshop (5th Annual), University of Pennsylvania, Philadelphia, PA. December 2020.
25. Population Association of America. Impact of Covid-19 on Mortality in the US. November 2020.
26. Department of Global Health Seminar Series, Boston University School of Public Health, October 2020.
27. CASEL Webinar, Tobacco Regulatory Science Consortium, Health Effects of E-cigarettes, September 2020.
28. National Institutes of Health and FDA Center for Tobacco Products. Tobacco Regulatory Science Meeting. October 2019.
29. University of Louisville, Envirome Institute, August 2019.

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30. University of Vermont, Center for Behavior and Health, January 2019.
31. Think Teach Do San Francisco, JP Morgan Health Care Conference, January 2019.
32. Boston University School of Medicine, Clinical Epidemiology Research & Training Unit, August 2018.
33. University of Louisville, Department of Medicine, Cardiology, August 2018.
34. University of Southern California, Department of Preventive Medicine. July 2018.
35. National Institutes of Health and FDA Center for Tobacco Products. June 2018.
36. Chulalongkorn University, School of Medicine, Department of Preventive Medicine, Bangkok, Thailand, March 2018.
37. A-TRAC Annual Meeting, University of Louisville, Kentucky, March 2018.
38. Centers for Disease Control & Prevention, National Center for Health Statistics, June 2017.
39. Boston University, Slone Center for Epidemiology, November 2016.
40. Boston University, School of Public Health, Global Health, November 2016.
41. Population Health Conference at Boston University, September 2016.
42. Boston University, Women's Guild Seminar, October 2015.
43. Boston University, School of Public Health, Global Health, August 2015.
44. Boston University, School of Public Health, Epidemiology, February 2015.
45. Boston University, School of Public Health, Environmental Health Annual Retreat, November 2014.
46. University of Minnesota, Minnesota Population Center and Division of Epidemiology and Community Health, September 2014.
47. University of Pennsylvania, Center for Clinical Epidemiology and Biostatistics, June 2014.
48. University of Pennsylvania, Center for Health Incentives and Behavioral Economics at the Leonard Davis Institute of Health Economics, April 2014.
49. Indiana University, School of Public and Environmental Affairs, February 201

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50. Northwestern University, Department of Preventive Medicine, Feinberg School of Medicine, February 2014.
51. University of Michigan, Center for Social Epidemiology and Population Health, School of Public Health, February 2014.
52. University of Washington, Institute for Health Metrics and Evaluation, January 2014.
53. University of Alabama Birmingham, School of Public Health, January 2014.
54. Harvard University, Department of Nutrition, School of Public Health, December 2013.
55. Boston University, School of Public Health, December 2013.
56. RAND Corporation, Santa Monica, December 2013.
57. University of Missouri, Department of Health Sciences, December 2013.
58. Gerontological Society of America, 66th Annual Scientific Meeting, November 2013.
59. 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

The New York Times. October 31st, 2023. "Bariatric Surgery at 16."

The New York Times. October 18, 2023. "Why are so many Americans dying?"

The New York Times. August 9th, 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."

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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."

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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-Tump 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.”

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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

Society for Epidemiologic Research
Population Association of America
Interdisciplinary Association for Population Health Sciences
American Sociological Association
The Gerontological Association of America
AcademyHealth
American Heart Association

Conference Session Organizer, Chair or Discussant

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, “Unions and Health” Session.

UNIVERSITY AND DEPARTMENTAL SERVICE

Director, MS-Population Health Research Program, 2019-Present
Member, MS-PHR Admissions Committee, BUSPH. 2019-Present
Member, Education Committee, BUSPH. 2019-Present.
Member, MPH Admissions Committee, BUSPH. 2015-2019

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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

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

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, 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