

Curriculum Vitae

LORRAINE TIERA DEAN, ScD

PERSONAL DATA

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 @drltdean
 Pronouns: she/her/hers

EDUCATION

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|------|-----|---|
| 2010 | ScD | Harvard School of Public Health Majors: Social Epidemiology; Social and Behavioral Research Methods Minor: Health Disparities Dissertation Focus: Macro- and micro-level determinants of cancer screening behaviors |
| 2003 | BA | University of Pennsylvania Major: Biological Basis of Behavior |

PROFESSIONAL EXPERIENCE

Johns Hopkins University

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| 2021-Present | Associate Professor , Johns Hopkins Bloomberg School of Public Health Department of Epidemiology (primary) Department of Health Policy & Management (joint) Sidney Kimmel Cancer Center, Johns Hopkins School of Medicine (joint) |
| 2016-2020 | Assistant Professor , Johns Hopkins Bloomberg School of Public Health Department of Epidemiology (primary) Department of Health Policy & Management (joint) Sidney Kimmel Cancer Center, Johns Hopkins School of Medicine (joint) |

Other Non-JHU Professional Experience

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| 2019 | Lecturer , Jefferson College of Population Health |
| 2017-2019 | Fellow , Brown University Clinical and Community-Based HIV/AIDS Research Training (CCRT) Fellowship |
| 2017-2018 | Fellow , SOURCE Service-Learning Faculty Fellows Program |
| 2013-2016 | Instructor , University of Pennsylvania School of Medicine, Department of Biostatistics and Epidemiology |
| 2013-2015 | Associate Fellow , Center for Public Health Initiatives |
| 2013-2015 | Fellow , Leonard Davis Institute of Health Economics |
| 2012-2014 | Manager , WISER Survivor Study, University of Pennsylvania Trans-disciplinary Research on Energetics and Cancer (TREC) |

Center
2011-2012 **Adjunct Fellow/Guest Lecturer**, Drexel University School of Public Health
2010-2012 **Tobacco Policy & Control Manager**, Philadelphia Department of Public Health
2009-2010 **Research Analyst**, Urban Affairs Coalition
2006-2009 **Research and Evaluation Consultant**, Goodman Research Group, Incorporated
2004-2005 **Assistant Project Manager**, University of Pennsylvania Department of General Internal Medicine
2003-2004 **Research Consultant**, John Templeton Foundation
2003-2004 **Assistant Project Manager**, Philadelphia Veterans Affairs Medical Center
2001-2002 **Research Assistant**, University of Pennsylvania Department of General Internal Medicine

PROFESSIONAL ACTIVITIES

Society Membership and Leadership

International

2020-Present **Member**, Internal AIDS Society (IAS)-Lancet Commission on Health and Human Rights
2016-Present **Board of Directors**, Nyandarua Cancer Center, Kenya, Africa
2014-2016 **Member**, Society for Medical Decision Making

National

2020-Present **Education Committee**, Society for Epidemiologic Research
2018-Present **Member**, Society of Behavioral Medicine
2017-Present **Reviewer**, American Institute of Biological Sciences Scientific Peer Advisory and Review Services
2017-Present **Member**, Society for Epidemiologic Research
2016-Present **Member**, Center for AIDS Research Social and Behavioral Sciences Research Network
2016-Present **Member**, Trans-disciplinary Research on Energetics and Cancer (TREC) Steering Committee
2016-Present **Co-leader**, Trans-disciplinary Research on Energetics and Cancer (TREC) Disparities Workgroup
2015-2016 **Member**, The Obesity Society, Obesity & Cancer Section
2014-Present **Member**, Robert Wood Johnson New Connections Network
2013-Present **Co-leader**, Trans-disciplinary Research on Energetics and Cancer (TREC) Disparities Workgroup Subcommittee, GIS and Social Determinants
2013-Present **Member**, American Association for Cancer Research
2012-Present **Trainee**, Trans-disciplinary Research on Energetics and Cancer
2012-2016 **Member**, Trans-disciplinary Research on Energetics and Cancer (TREC) Disparities Workgroup
2005-Present **Member**, American Public Health Association

Local

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| 2015-2016 | Chair of Academic Counsel Committee , Project Forward Leap |
| 2014-2015 | Board of Directors , American Cancer Society, East Central Division |
| 2014-2015 | MPH Community Advisory Board , Thomas Jefferson University |
| 2007-2009 | Member , Interdisciplinary Consortium on Urban Planning and Public Health |
| 2007-2009 | Member , Harvard Black Student Health Organization |
| 2006-2009 | Member , Harvard School of Public Health Africa Health Forum |
| 2006-2007 | Graduate Student Liaison , Harvard Black Student Health Association |

Participation on Advisory Panels and Boards

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| 2019-Present | Medical Advisory Board , FamilyReach |
| 2015-2016 | Community-Academic Advisory Board , American Cancer Society Grant (#10-243-01): Problems and Resources of African American Breast Cancer Survivors |

EDITORIAL AND OTHER PEER REVIEW ACTIVITIES

Journal Peer Review Activities

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| 2020-Present | Academic peer reviewer, Journal of General Internal Medicine |
| 2019-Present | Academic peer reviewer, Cancer |
| 2018-Present | Academic peer reviewer, JMIR Public Health and Surveillance |
| 2018-Present | Academic peer reviewer, American Journal of Preventive Medicine |
| 2018-Present | Academic peer reviewer, Journal of Community Epidemiology & Health |
| 2017-Present | Academic peer reviewer, City & Community |
| 2017-Present | Academic peer reviewer, Epidemiology |
| 2017-Present | Academic peer reviewer, JAMA Oncology |
| 2017-Present | Academic peer reviewer, Cancer Epidemiology |
| 2016-Present | Academic peer reviewer, American Journal of Epidemiology |
| 2016-Present | Academic peer reviewer, Western Journal of Nursing |
| 2016-Present | Academic peer reviewer, Scientific Pages of Breast Cancer |
| 2016-Present | Academic peer reviewer, International Journal of Environmental Research and Public Health |
| 2016-Present | Academic peer reviewer, Sustainability |
| 2016-Present | Academic peer reviewer, JAMA Oncology |
| 2016-Present | Academic peer reviewer, Journal of Supportive Care in Cancer |
| 2014-Present | Academic peer reviewer, American Journal of Men's Health |
| 2014-Present | Academic peer reviewer, PLOS ONE |
| 2014-Present | Academic peer reviewer, Journal of Chronic Obstructive Pulmonary Disease |
| 2010-Present | Academic peer reviewer, Ethnicity & Health |
| 2008-Present | Academic peer reviewer, Journal of Health Psychology |
| 2008-Present | Academic peer reviewer, Social Science and Medicine |

Journal or Other Editorial Board Membership

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| 2020-Present <i>Proposal Reviews</i> | Editor-in-Residence, American Journal of Epidemiology |
| 2021 | Reviewer , Centers for Disease Control Special Emphasis Panel (SEP) for RFA-DP-21-003: Reducing Inequities in Cancer Outcomes through Community-Based Interventions on Social Determinants of Health |
| 2020-Present | Reviewer , NIH Special Emphasis Panel/Scientific Review Group 2021/05 NCI-J |
| 2020 | Reviewer , COVID-19 Continuation Study Section, Research Grants Program Office, University of California |
| 2020 | Reviewer , NIH NCI ZRG1 PSE-W (55) R PAR Panel: Mechanisms of Disparities in Lung Cancer |
| 2019 | Reviewer , NIH NIMHD ZRG1 HDM-G (91) Implementation Science and HIV/AIDS Special Emphasis Panel |
| 2018 | Reviewer , NIH NIMHD ZRG1 Healthcare Delivery and Methodologies Integrated Review Group (56) Surgical Disparities Research Special Emphasis Panel |
| 2017-Present | Reviewer (2017) & Chair (2018), American Institute of Biological Sciences New York Department of Health Healthcare Practitioner Breast Cancer Education Research Project |
| 2017-Present | Reviewer and Chair , American Institute of Biological Sciences for the New York State Department of Health and the Health Research Science Board proposals |
| 2017-2018 | Reviewer , Cigarette Restitution Fund |

HONORS AND AWARDS

Honors

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| 2020 | Inductee , Delta Omega Society – Alpha Chapter |
| 2019 | Dean’s Selection , Leadership Program for Women Faculty, Office of Women in Science and Medicine, Johns Hopkins School of Medicine |
| 2017 | NIH Early Career Reviewer , Center for Scientific Review, National Institutes of Health |
| 2017 | Member , Johns Hopkins Center for Health Disparities Solutions |
| 2016 | Selectee , CFAR Social and Behavioral Sciences Research Network (SBSRN) “Mentoring the Next Generation” Workshop, Miami FL |
| 2016 | National Cancer Institute National Minority Health Month Spotlight: Career Development |
| 2015-2016 | Invited Fellow , Professional Development and Mock Review Workshop, NCI/Center to Reduce Cancer Health Disparities |
| 2015 | Selectee , Molecular Prevention Course, National Cancer Institute |
| 2013 | Grantee , National Institutes of Health Loan Repayment Program |
| 2008-2010 | Grantee , Ruth L. Kirschstein F31 National Research Service |

2008 Award (NIH)
Grantee, Pre-Doctoral Cancer Prevention Fellowship,
HSPH/Dana Farber Cancer Institute Fellowship
2006-2008 Biostatistics Department's Initiative for Maximizing Student
Diversity Fellowship, Harvard School of Public Health
2006 **Selectee**, UNESCO Quality of Life Education Grant Selectee
2005-2006 **Grantee**, J. William Fulbright Program
2003 **Member**, Onyx Senior Honor Society
2002 **Summer Undergraduate Minority Research Scholar**,
Leonard Davis Institute of Health Economics

Awards

2020 **Excellence in Teaching**, Johns Hopkins Bloomberg School of
Public Health
2020 **Distinguished Senior Investigator**, AcademyHealth
Disparities Interest Group
2019 **Diversity Recognition Award**, Johns Hopkins University
Diversity Leadership Council
2019 **Delta Omega Award for Innovative Public Health
Curriculum**, Delta Omega National Office
2018 **Golden Apple Award for Excellence in Teaching**, Johns
Hopkins Bloomberg School of Public Health
2017 **Faculty Innovation Fund**, Johns Hopkins Bloomberg School
of Public Health
2015 **Outstanding Investigator Award, Susan G. Komen**
2015 **Community Impact Award**, Delta Sigma Theta Sorority, Inc
Lancaster Alumni Chapter
2009 **John Piersol McCaskey Distinguished Alumni Award**

PUBLICATIONS

Journal Articles [* indicates first author is a mentored student or post-doctoral fellow]

1. *Ugoji CC, Walker KA, **Dean LT**, Gross AL, Ballantyne CM, Butler K, Hoogveen RC, Joshu C, Mosley TH, Prizment A, Sharrett AR, Tin A, Coresh J, Platz EA. Circulating Inflammatory Proteins Associated with Dementia Risk in Older Adult Cancer Survivors in the Atherosclerosis Risk in Communities (ARIC) Study. Cancer Epidemiology Biomarkers & Prevention. 2021;30(4):802. [published abstract – honor given to top 23 selected abstracts to the American Society of Preventive Oncology Conference, 2021.]
2. Beyrer C, Allotey P, Amon JJ, Baral SD, Bassett MT, Deacon H, **Dean LT**, Fan L, Giacaman R, Gomes C, Gruskin S, Jabbour S, Kazatchkine M, Stackpool-Moore L, Maleche A, McKee M, Mon SHH, Paiva V, Peryskina A, Pūras D, Rubenstein L, Kamarulzaman A, Corey L. Human rights and fair access to COVID-19 vaccines: the International AIDS Society Lancet Commission on Health and Human Rights. The Lancet. 2021: [in press]. doi: 10.1016/S0140-6736(21)00708-X.
3. Johnson RM, Hill A, Jones V, Powell T, **Dean LT**, Gilreath T. Racial/ethnic inequities in Adverse Childhood Experiences (ACES) and selected health-related behaviors and problems among Maryland adolescents. Health Promotion Practice. 2021: [in press]

4. **Dean LT**, Greene N, Adams MA, Geffen SR, Malone J, Tredway K, Poteat T. Beyond Black and White: Race and Sexual Identity as Contributors to Healthcare System Distrust after Breast Cancer Screening among US Women. Psycho-Oncology. 2021: [in press]
5. Poteat T, Adams MA, Malone J, Geffen S, Greene, N, Nodzenski M, Lockhart A, Chen J, Su C, **Dean LT**. Delays in Breast Cancer Care by Race and Sexual Orientation: Results from a National Survey with Diverse Women in the United States. Cancer. 2021: [in press]
6. Chandran A, Knapp E, Liu T, **Dean LT**. A new era: Improving use of sociodemographic constructs in the analysis of pediatric cohort study data. Pediatric Research. 2021: [in press]
7. *Hutchinson N, **Dean LT**, Smith GS. Gentrification and children's health: Conceptualizing the impacts of neighborhood change through an environmental health disparities framework. Int Public Health J. 2021; 13(4): [in press]
8. Chandran A, Irwin S, Crifasi C, **Dean LT**. Community effects of police-related deaths: associations with low birthweight births and poverty among US counties. Violence & Victims. 2021. Feb; [in press]
9. *Greene N, Malone J, Adams MA, **Dean LT** & Poteat T. "This is some mess right here": Exploring interactions between Black sexual minority women and health care providers for breast cancer screening and care. Cancer. 2021 Jan 1;127(1):74-81. doi: 10.1002/cncr.33219doi:10.1002/cncr.33219. PMID: 32990978
10. *Barrett BW, Abraham AG, **Dean LT**, Plankey MW, Friedman MR, Jacobson LP, Teplin LA, Gorbach PM, Surkan P. Racial/ethnic disparities in depressive symptomology among men who have sex with men. Social Psychiatry and Psychiatric Epidemiology. 2020. [in press]
11. **Dean LT**, Nonyane BAS, Ugoji CC, Visvanathan K, Jacobson LP, Lau B. Economic Burden among GBMSM Living with HIV or Living Without HIV in the Multicenter AIDS Cohort Study. JAIDS. 2020 Dec; 85(4):436-443. doi: 10.1097/QAI.0000000000002478 PMID: 33136741 PMCID: PMC7592888
12. Cheville A, Lee M, Moynihan T, Schmitz KS, Lynch M, Rios De Choudens F, **Dean LT**, Basford J, Therneau T. (2020). The impact of secondary arm lymphedema on health care utilization during long-term breast cancer survivorship: a population-based cohort study. Journal of Cancer Survivorship. 2020 Mar; 14: 347-355. doi: 10.1007/s11764-019-00851-0
13. *Dougherty GB, Golden SH, Gross A, Colantuoni E, **Dean LT**. Measuring structural racism and its association with BMI. American Journal of Preventive Medicine. 2020. Oct; 59 (4):530-537. doi: 10.1016/j.amepre.2020.05.019

14. Smith GS, Breakstone H, **Dean LT**, Thorpe RJ. Impacts of Gentrification on Health in the United States: A Systematic Review of the Literature. Journal of Urban Health. 2020. [in press] doi:10.1007/s11524-020-00448-4
15. *Zhang M & Jarrett BA, Althoff K, Burman FS, Camarata L, Coburn SB, Dickerson AS, Foti K, Kaur M, Leifheit KM, Malone J, Moore EA, Mouslim MC, Prata Menezes N, Robsky K, Tang, O, Wallace AS, **Dean LT**. (2020) Recommendations for the Society for Epidemiologic Research to Further Promote Diversity and Inclusion at the Annual Meeting and Beyond. American Journal of Epidemiology. 2020. [in press]
16. *Greene N, Jackson J, **Dean LT**. Examining disparities in excessive alcohol use among Black and Hispanic lesbian and bisexual women in the United States - an intersectional analysis. Journal of Alcohol Studies and Drugs. 2020 Jul;81(4):462-470. doi: 10.15288/jsad.2020.81.462
17. *Hasan ZMD, **Dean LT**, Kennedy CW, Akshay A, Rao KD, Gupta S. Social capital and utilization of immunization service: a multilevel analysis in rural Uttar Pradesh, India. Social Science & Medicine – Population Health. 2020. Jan 23;10:100545. doi: 10.1016/j.ssmph.2020.100545. PMID: 32405528 PMCID: PMC7211897
18. **Dean LT**, George M, Lee KT, Ashing KA. Why Individual-Level Interventions Aren't Enough: Systems-Level Determinants of Oral Anti-Cancer Medication Adherence. Cancer. 2020 Aug; 126(16):3606-12. doi:https://doi.org/10.1002/ncr.32946. PMID: 32438466.
19. *Mouslim M, Johnson R, **Dean LT**. Healthcare System Distrust along the Breast Cancer Continuum of Care. Breast Cancer Research and Treatment. 2020 Feb;180(1):33-44. doi: 10.1007/s10549-020-05538-0. PMID: 31983018
20. *Hasan ZMD, Leoutsakos JM, Story WT, **Dean LT**, Rao KD, Gupta S. Exploration of Factor Structure and Measurement Invariance by Gender for a Modified Shortened Adapted Social Capital Assessment Tool in India (SASCAT-I). Frontiers in Psychology. 2019 Dec; 10, 2641. doi: 10.3389/fpsyg.2019.02641 PMID: 31920771 PMCID: PMC6918543
21. *Malone J, Sngun S, **Dean LT**, Adams MA, Poteat T. Breast Cancer Screening and Care Among Black Sexual Minority Women: A Scoping Review of the Literature from 1990 to 2017. J Womens Health (Larchmt). 2019 Dec;28(12):1650-1660. doi: 10.1089/jwh.2018.7127. PubMed PMID: 30882262; PubMed Central PMCID: PMC6919240.
22. Raifman J, **Dean LT**, Montgomery MC, Almonte A, Arrington-Sanders R, Stein MD, Nunn AS, Sosnowy CD, Chan PA. Racial and Ethnic Disparities in HIV Pre-exposure Prophylaxis Awareness Among Men Who have Sex with Men. AIDS Behav. 2019 Oct;23(10):2706-2709. doi: 10.1007/s10461-019-02462-3. PubMed PMID: 30874995; PubMed Central PMCID: PMC6744997.
23. **Dean LT**, Ransome Y, Frasso-Jaramillo L, Moss SL, Zhang Y, Ashing K, Denis GV,

- Frick KD, Visvanathan K, Schmitz KH. Drivers of cost differences between US breast cancer survivors with or without lymphedema. *J Cancer Surviv*. 2019 Oct;13(5):804-814. doi: 10.1007/s11764-019-00799-1. Epub 2019 Aug 24. PubMed PMID: 31446591; PubMed Central PMCID: PMC6828620.
24. Schmitz KH, Troxel AB, **Dean LT**, DeMichele A, Brown JC, Sturgeon K, Zhang Z, Evangelisti M, Spinelli B, Kallan MJ, Denlinger C, Cheville A, Winkels RM, Chodosh L, Sarwer DB. Effect of Home-Based Exercise and Weight Loss Programs on Breast Cancer-Related Lymphedema Outcomes Among Overweight Breast Cancer Survivors: The WISER Survivor Randomized Clinical Trial. *JAMA Oncol*. 2019 Aug 15;. doi: 10.1001/jamaoncol.2019.2109. [Epub ahead of print] PubMed PMID: 31415063; PubMed Central PMCID: PMC6696732.
25. **Dean LT**, Moss SL, Rollinson SI, Frasso Jaramillo L, Paxton RJ, Owczarzak JT. Patient recommendations for reducing long-lasting economic burden after breast cancer. *Cancer*. 2019 Jun 1;125(11):1929-1940. doi: 10.1002/encr.32012. Epub 2019 Mar 6. PubMed PMID: 30839106; PubMed Central PMCID: PMC6508994.
26. Coughlin SS, **Dean LT**. Cancer survivorship care plans, financial toxicity, and financial planning alleviating financial distress among cancer survivors. *Support Care Cancer*. 2019 Jun;27(6):1969-1971. doi: 10.1007/s00520-019-04703-6. Epub 2019 Feb 22. PubMed PMID: 30796520.
27. **Dean LT**, Moss SL, Ransome Y, Frasso-Jaramillo L, Zhang Y, Visvanathan K, Nicholas LH, Schmitz KH. "It still affects our economic situation": long-term economic burden of breast cancer and lymphedema. *Support Care Cancer*. 2019 May;27(5):1697-1708. doi: 10.1007/s00520-018-4418-4. PubMed PMID: 30121786; PubMed Central PMCID: PMC6379148.
28. *Knapp EA, Bilal U, **Dean LT**, Lazo M, Celentano DD. Economic Insecurity and Deaths of Despair in US Counties. *Am J Epidemiol*. 2019 Apr 24;. doi: 10.1093/aje/kwz103. [Epub ahead of print] PubMed PMID: 31172197.
29. Spinelli B, Kallan MJ, Zhang X, Cheville A, Troxel A, Cohn J, **Dean L**, Sturgeon K, Evangelista M, Zhang Z, Ebaugh D, Schmitz KH. Intra- and Interrater Reliability and Concurrent Validity of a New Tool for Assessment of Breast Cancer-Related Lymphedema of the Upper Extremity. *Arch Phys Med Rehabil*. 2019 Feb;100(2):315-326. doi: 10.1016/j.apmr.2018.08.185. Epub 2018 Oct 4. PubMed PMID: 30291828.
30. Johnson RM, Fleming CB, Cambron C, **Dean LT**, Brighthaupt SC, Guttmanova K. Race/Ethnicity Differences in Trends of Marijuana, Cigarette, and Alcohol Use Among 8th, 10th, and 12th Graders in Washington State, 2004-2016. *Prev Sci*. 2019 Feb;20(2):194-204. doi: 10.1007/s11121-018-0899-0. PubMed PMID: 29633175; PubMed Central PMCID: PMC6179943.

31. Paxton RJ, Garner W, **Dean LT**, Logan G, Allen-Watts K. Health Behaviors and Lifestyle Interventions in African American Breast Cancer Survivors: A Review. Front Oncol. 2019;9:3. doi: 10.3389/fonc.2019.00003. eCollection 2019. Review. PubMed PMID: 30723698; PubMed Central PMCID: PMC6349825.
32. **Dean LT**, Knapp EA, Sngun S, Ransome Y, Qato DM, Visvanathan K. Consumer credit, chronic disease and risk behaviours. J Epidemiol Community Health. 2019 Jan;73(1):73-78. doi: 10.1136/jech-2018-211160. Epub 2018 Oct 15. PubMed PMID: 30322882; PubMed Central PMCID: PMC6512797.
33. **Dean LT**, Nicholas LH. Using Credit Scores to Understand Predictors and Consequences of Disease. Am J Public Health. 2018 Nov;108(11):1503-1505. doi: 10.2105/AJPH.2018.304705. PubMed PMID: 30303720; PubMed Central PMCID: PMC6187788.
34. Jones-Eversley SD, **Dean LT**. After 121 Years, It's Time to Recognize WEB Du Bois as a Founding Father of Social Epidemiology. The Journal of Negro Education. 2018;87(3):230-45.
35. *Knapp EA, **Dean LT**. Consumer credit scores as a novel tool for identifying health in urban U.S. neighborhoods. Ann Epidemiol. 2018 Oct;28(10):724-729. doi: 10.1016/j.annepidem.2018.07.013. Epub 2018 Jul 31. PubMed PMID: 30115411; PubMed Central PMCID: PMC6231232.
36. Ransome Y, Thurber KA, Swen M, Crawford ND, German D, **Dean LT**. Social capital and HIV/AIDS in the United States: Knowledge, gaps, and future directions. SSM Popul Health. 2018 Aug;5:73-85. doi: 10.1016/j.ssmph.2018.05.007. eCollection 2018 Aug. PubMed PMID: 29892697; PubMed Central PMCID: PMC5991916.
37. **Dean LT**, Gehlert S, Neuhouser ML, Oh A, Zanetti K, Goodman M, Thompson B, Visvanathan K, Schmitz KH. Social factors matter in cancer risk and survivorship. Cancer Causes Control. 2018 Jul;29(7):611-618. doi: 10.1007/s10552-018-1043-y. Epub 2018 May 30. PubMed PMID: 29846844; PubMed Central PMCID: PMC5999161.
38. **Dean LT**, Schmitz KH, Frick KD, Nicholas LH, Zhang Y, Subramanian SV, Visvanathan K. Consumer credit as a novel marker for economic burden and health after cancer in a diverse population of breast cancer survivors in the USA. J Cancer Surviv. 2018 Jun;12(3):306-315. doi: 10.1007/s11764-017-0669-1. Epub 2018 Jan 25. PubMed PMID: 29372485; PubMed Central PMCID: PMC5955811.
39. **Dean LT**, Montgomery MC, Raifman J, Nunn A, Bertrand T, Almonte A, Chan PA. The Affordability of Providing Sexually Transmitted Disease Services at a Safety-net Clinic. Am J Prev Med. 2018 Apr;54(4):552-558. doi: 10.1016/j.amepre.2017.12.016. Epub 2018 Feb 1. PubMed PMID: 29397280; PubMed Central PMCID: PMC5860994.
40. Lee AJ, Montgomery MC, Patel RR, Raifman J, **Dean LT**, Chan PA. Improving Insurance and Health Care Systems to Ensure Better Access to Sexually Transmitted Disease Testing and Prevention. Sex Transm Dis. 2018 Apr;45(4):283-286. doi:

10.1097/OLQ.0000000000000727. PubMed PMID: 29465707; PubMed Central PMCID: PMC5847409.

41. Goodman M, Lyons S, **Dean LT**, Arroyo C, Hipp JA. How Segregation Makes Us Fat: Food Behaviors and Food Environment as Mediators of the Relationship Between Residential Segregation and Individual Body Mass Index. Front Public Health. 2018;6:92. doi: 10.3389/fpubh.2018.00092. eCollection 2018. PubMed PMID: 29651414; PubMed Central PMCID: PMC5884945.
42. Sturgeon KM, Hackley R, Fornash A, **Dean LT**, Laudermilk M, Brown JC, Sarwer DB, DeMichele AM, Troxel AB, Schmitz KH. Strategic recruitment of an ethnically diverse cohort of overweight survivors of breast cancer with lymphedema. Cancer. 2018 Jan 1;124(1):95-104. doi: 10.1002/cncr.30935. Epub 2017 Sep 7. PubMed PMID: 28881471; PubMed Central PMCID: PMC5743016.
43. **Dean LT**, Moss SL, McCarthy AM, Armstrong K. Healthcare System Distrust, Physician Trust, and Patient Discordance with Adjuvant Breast Cancer Treatment Recommendations. Cancer Epidemiol Biomarkers Prev. 2017 Dec;26(12):1745-1752. doi: 10.1158/1055-9965.EPI-17-0479. Epub 2017 Sep 29. PubMed PMID: 28971987; PubMed Central PMCID: PMC5712243.
44. *Swen M, Mann A, Paxton RJ, **Dean LT**. Do Cancer-Related Fatigue and Physical Activity Vary by Age for Black Women With a History of Breast Cancer?. Prev Chronic Dis. 2017 Nov 30;14:E122. doi: 10.5888/pcd14.170128. PubMed PMID: 29191261; PubMed Central PMCID: PMC5716813.
45. Winkels RM, Sturgeon KM, Kallan MJ, **Dean LT**, Zhang Z, Evangelisti M, Brown JC, Sarwer DB, Troxel AB, Denlinger C, Laudermilk M, Fornash A, DeMichele A, Chodosh LA, Schmitz KH. The women in steady exercise research (WISER) survivor trial: The innovative transdisciplinary design of a randomized controlled trial of exercise and weight-loss interventions among breast cancer survivors with lymphedema. Contemp Clin Trials. 2017 Oct;61:63-72. doi: 10.1016/j.cct.2017.07.017. Epub 2017 Jul 21. PubMed PMID: 28739540; PubMed Central PMCID: PMC5817634.
46. Ransome Y, **Dean LT**, Crawford ND, Metzger DS, Blank MB, Nunn AS. How Do Social Capital and HIV/AIDS Outcomes Geographically Cluster and Which Sociocontextual Mechanisms Predict Differences Across Clusters?. J Acquir Immune Defic Syndr. 2017 Sep 1;76(1):13-22. doi: 10.1097/QAI.0000000000001463. PubMed PMID: 28797017; PubMed Central PMCID: PMC5584611.
47. Sturgeon KM, **Dean LT**, Heroux M, Kane J, Bauer T, Palmer E, Long J, Lynch S, Jacobs L, Sarwer DB, Leonard MB, Schmitz K. Commercially available lifestyle modification program: randomized controlled trial addressing heart and bone health in BRCA1/2+ breast cancer survivors after risk-reducing salpingo-oophorectomy. J Cancer Surviv. 2017 Apr;11(2):246-255. doi: 10.1007/s11764-016-0582-z. Epub 2016 Nov 21. PubMed PMID: 27873046; PubMed Central PMCID: PMC5386323.

48. Graul A, Latif N, Zhang X, **Dean LT**, Morgan M, Giuntoli R, Burger R, Kim S, Ko E. Incidence of Venous Thromboembolism by Type of Gynecologic Malignancy and Surgical Modality in the National Surgical Quality Improvement Program. Int J Gynecol Cancer. 2017 Mar;27(3):581-587. doi: 10.1097/IGC.0000000000000912. PubMed PMID: 28187092; PubMed Central PMCID: PMC5539959.
49. Ransome Y, Kawachi I, **Dean LT**. Neighborhood Social Capital in Relation to Late HIV Diagnosis, Linkage to HIV Care, and HIV Care Engagement. AIDS Behav. 2017 Mar;21(3):891-904. doi: 10.1007/s10461-016-1581-9. PubMed PMID: 27752875; PubMed Central PMCID: PMC5306234.
50. Barsevick AM, Leader A, Bradley PK, Avery T, **Dean LT**, DiCarlo M, Hegarty SE. Post-treatment problems of African American breast cancer survivors. Support Care Cancer. 2016 Dec;24(12):4979-4986. doi: 10.1007/s00520-016-3359-z. Epub 2016 Aug 19. PubMed PMID: 27543161; PubMed Central PMCID: PMC5539961.
51. **Dean LT**, Brown J, Coursey M, Schmitz KH. Great expectations: racial differences in outcome expectations for a weight lifting intervention among black and white breast cancer survivors with or without lymphedema. Psychooncology. 2016 Sep;25(9):1064-70. doi: 10.1002/pon.4175. Epub 2016 Jun 1. PubMed PMID: 27192633; PubMed Central PMCID: PMC5014689.
52. **Dean LT**, Zhang X, Latif N, Giuntoli R, Lin L, Haggerty A, Kim S, Shalowitz D, Stashwick C, Simpkins F, Burger R, Morgan M, Ko E, Schmitz K. Race-based disparities in loss of functional independence after hysterectomy for uterine cancer. Support Care Cancer. 2016 Aug;24(8):3573-80. doi: 10.1007/s00520-016-3185-3. Epub 2016 Mar 30. PubMed PMID: 27025595; PubMed Central PMCID: PMC4920714.
53. **Dean LT**, Kumar A, Kim T, Herling M, Brown JC, Zhang Z, Evangelisti M, Hackley R, Kim J, Cheville A, Troxel AB, Schwartz JS, Schmitz KH. Race or Resource? BMI, Race, and Other Social Factors as Risk Factors for Interlimb Differences among Overweight Breast Cancer Survivors with Lymphedema. J Obes. 2016;2016:8241710. doi: 10.1155/2016/8241710. Epub 2016 Jun 28. PubMed PMID: 27433356; PubMed Central PMCID: PMC4940553.
54. **Dean LT**, DeMichele A, LeBlanc M, Stephens-Shields A, Li SQ, Colameco C, Coursey M, Mao JJ. Black breast cancer survivors experience greater upper extremity disability. Breast Cancer Res Treat. 2015 Nov;154(1):117-25. doi: 10.1007/s10549-015-3580-3. Epub 2015 Sep 29. PubMed PMID: 26420404; PubMed Central PMCID: PMC4623964.
55. Zhang X, Haggerty AF, Brown JC, Giuntoli R 2nd, Lin L, Simpkins F, **Dean LT**, Ko E, Morgan MA, Schmitz KH. The prescription or proscription of exercise in endometrial cancer care. Gynecol Oncol. 2015 Oct;139(1):155-9. doi: 10.1016/j.ygyno.2015.08.007. Epub 2015 Aug 22. PubMed PMID: 26307400; PubMed Central PMCID: PMC4915365.
56. **Dean LT**, Subramanian SV, Williams DR, Armstrong K, Zubrinsky Charles C, Kawachi I. Getting Black Men to Undergo Prostate Cancer Screening: The Role of

- Social Capital. Am J Mens Health. 2015 Sep;9(5):385-96. doi: 10.1177/1557988314546491. Epub 2014 Aug 12. PubMed PMID: 25117538; PubMed Central PMCID: PMC4472568.
57. **Dean LT**, Hillier A, Chau-Glending H, Subramanian SV, Williams DR, Kawachi I. Can you party your way to better health? A propensity score analysis of block parties and health. Soc Sci Med. 2015 Aug;138:201-9. doi: 10.1016/j.socscimed.2015.06.019. Epub 2015 Jun 18. PubMed PMID: 26117555; PubMed Central PMCID: PMC4500646.
58. **Dean L**, Subramanian SV, Williams DR, Armstrong K, Charles CZ, Kawachi I. The role of social capital in African-American women's use of mammography. Soc Sci Med. 2014 Mar;104:148-56. doi: 10.1016/j.socscimed.2013.11.057. Epub 2013 Dec 13. PubMed PMID: 24581073; PubMed Central PMCID: PMC3942669.
59. Parvanta S, Gibson L, Forquer H, Shapiro-Luft D, **Dean L**, Freres D, Lerman C, Mallya G, Moldovan-Johnson M, Tan A, Cappella J, Hornik R. Applying Quantitative Approaches to the Formative Evaluation of Antismoking Campaign Messages. Soc Mar Q. 2013 Dec;19(4):242-264. doi: 10.1177/1524500413506004. PubMed PMID: 24817829; PubMed Central PMCID: PMC4012855.
60. Schmitz KH, Neuhouser ML, Agurs-Collins T, Zanetti KA, Cadmus-Bertram L, **Dean LT**, Drake BF. Impact of obesity on cancer survivorship and the potential relevance of race and ethnicity. J Natl Cancer Inst. 2013 Sep 18;105(18):1344-54. doi: 10.1093/jnci/djt223. Epub 2013 Aug 29. Review. PubMed PMID: 23990667; PubMed Central PMCID: PMC3776266.
61. Leung R, Mallya G, **Dean LT**, Rizvi A, Dignam L, Schwarz DF. Instituting a smoke-free policy for city recreation centers and playgrounds, Philadelphia, Pennsylvania, 2010. Prev Chronic Dis. 2013 Jul 11;10:E116. doi: 10.5888/pcd10.120294. PubMed PMID: 23845177; PubMed Central PMCID: PMC3711557.
62. FitzGerald EA, Frasso R, **Dean LT**, Johnson TE, Solomon S, Bugos E, Mallya G, Cannuscio CC. Community-generated recommendations regarding the urban nutrition and tobacco environments: a photo-elicitation study in Philadelphia. Prev Chronic Dis. 2013 Jun 13;10:E98. doi: 10.5888/pcd10.120204. PubMed PMID: 23764347; PubMed Central PMCID: PMC3684355.
63. Hutchinson RN, Putt MA, **Dean LT**, Long JA, Montagnet CA, Armstrong K. Neighborhood racial composition, social capital and black all-cause mortality in Philadelphia. Soc Sci Med. 2009 May;68(10):1859-65. doi: 10.1016/j.socscimed.2009.02.005. Epub 2009 Mar 25. PubMed PMID: 19324485; PubMed Central PMCID: PMC5472423.
64. Armstrong K, McMurphy S, **Dean LT**, Micco E, Putt M, Halbert CH, Schwartz JS, Sankar P, Pyeritz RE, Bernhardt B, Shea JA. Differences in the patterns of health care system distrust between blacks and whites. J Gen Intern Med. 2008 Jun;23(6):827-33. doi: 10.1007/s11606-008-0561-9. Epub 2008 Feb 26. PubMed PMID: 18299939; PubMed Central PMCID: PMC2517897.

65. Shea JA, Micco E, **Dean LT**, McMurphy S, Schwartz JS, Armstrong K. Development of a revised Health Care System Distrust scale. *J Gen Intern Med*. 2008 Jun;23(6):727-32. doi: 10.1007/s11606-008-0575-3. Epub 2008 Mar 28. PubMed PMID: 18369678; PubMed Central PMCID: PMC2517896.

Book Chapters

1. **Dean LT**, Gilbert KL: Social Capital, Social Policy and Health Disparities: A Legacy of Political Advocacy. *Global Perspectives on Social Capital and Health*. Kawachi I, Takao S, Subramanian SV (eds.). International Society on Social Capital and Health, 307-322. 2013.

Articles, Editorials and Other Publications Not Peer Reviewed

1. **Dean LT**, Moore E, Kaur M, Prata Menezes N. "Challenges, Opportunities and Lessons Learned from Starting an Equity, Diversity & Inclusion Workgroup." Workshop developed for the Johns Hopkins University Diversity Leadership Council 2020 Diversity and Inclusion Conference. October 2020.
2. DiPietro J & **Dean LT**. "Diversity Matters." Presentation developed for Johns Hopkins Bloomberg School of Public Health Diversity Advocates Network. April 2017.
3. **Dean LT**, Gilbert KL: Social Capital and Political Advocacy for African-American Health. *Harvard Journal of African-American Policy*, 16 (2009-2010): 85-96, December 2010.
4. **Dean LT**, McKnight AM. Students Advocate for a Smoking Ban in Philadelphia. *Pennsylvania Public Health Watch*. Winter 2005 Edition, 12-14.

PRACTICE ACTIVITIES

Practice-Related Reports

1. "Tobacco Policy and Control Program: Making the Healthy Choice the Easy Choice." http://www.phila.gov/health/pdfs/commissioner/2012AnnualReport_Tobacco.pdf
2. "Tobacco Policy and Control: Policies, Systems, and Environmental Impacts & Achievements." http://www.phila.gov/health/pdfs/commissioner/GHP_AnnualReport_2011_Tobacco_081211.pdf

Presentations to Policymakers, Communities, and Other Stakeholders

- | | |
|------|---|
| 2020 | "Get PrEP'd for Sex", General Public Seminar Franklin Institute Science Museum, Philadelphia, PA |
| 2014 | "Lessons at the Intersection of Public Health and Education", Mayor's Office of Education, Philadelphia, PA |
| 2014 | "Lessons at the Intersection of Public Health and Education", Project Forward Leap Education Policy Forum: Empowering Students for |

- Achievement, Philadelphia, PA
- 2012 "Get Healthy Philly", Health Policy Seminar
University of Pennsylvania, Philadelphia, PA
- 2012 "Get Healthy Philly", Tobacco Prevention
University of Pennsylvania, Philadelphia, PA
- 2011 "Philadelphia Tobacco Control: Public Health Programming and
Evaluation"
Thomas Jefferson University, Philadelphia, PA
- 2011 "Assessing Social Capital in Southeastern Pennsylvania"
Public Health Management Corporation, Philadelphia, PA
- 2011 "Why do we do the things we do? Policy, Public Health and
Prevention"
University of Medicine and Dentistry of New Jersey, Stratford, NJ

Media Dissemination (Traditional)

1. Abrams, Abigail. "City Officials Scramble to Prepare as Mass Protests Threaten a Resurgence of COVID-19." Time Magazine. 9 June 2020.
<https://time.com/5850104/protests-coronavirus-city-prep/>
2. Goudreau, Clair. "University nominates JHPD Accountability Board". The Johns Hopkins News-Letter. 6 February 2020.
<https://www.jhunewsletter.com/article/2020/02/university-nominates-jhpd-accountability-board>
3. Seegert, Liz. "The Financial Burden of Breast Cancer". Forbes.com. 21 January 2020.
<https://www.forbes.com/sites/nextavenue/2020/01/21/the-financial-burden-of-breast-cancer/#42fc5dfd4d21>
4. Mongolio, Heather. "The hidden costs: How breast cancer drove a Frederick woman into homelessness." The Frederick News-Post. 31 October 2019.
https://www.fredericknewspost.com/news/health/treatment_and_diseases/the-hidden-costs-how-breast-cancer-drove-a-frederick-woman/article_c1ea75a9-edf8-5088-8979-fc0151b2cc8f.html
5. Goodman, Jonathan. "Reducing the Economic Burden of Breast Cancer: Patient-Based Recommendations." Cancer Therapy Advisor. 1 April 2019.
<https://www.cancertherapyadvisor.com/home/cancer-topics/breast-cancer/breast-cancer-economic-burden-reduction-patient-recommendations/>
6. "Patients with Breast Cancer Provide Recommendations to Ease Financial Toxicity." The ASCO Post. 8 March 2019.

<http://www.ascopost.com/News/59820?fbclid=IwAR223ARcQOezrcbUal-flh6KKgX0SX-C0tBuwzRCMbIIKfUTnRaJAqruz7U>

7. Southall, Jennifer. "High costs of breast cancer-associated lymphedema can 'cripple' patients financially." HemOncToday. 31 January 2019. <https://www.healio.com/hematology-oncology/breast-cancer/news/online/%7B20f3b1ad-f697-491a-80c7-8a2056ee3c51%7D/high-costs-of-breast-cancer-associated-lymphedema-can-cripple-patients-financially>
8. "Out-of-Pocket Costs from Breast Cancer Treatment Have Long-Lasting Impact." Specialty Pharmacy Times. 3 September 2018. <https://www.specialtypharmacytimes.com/news/out-of-pocket-costs-from-breast-cancer-treatment-have-long-lasting-impact>
9. Mozes, Alan. "Bills Mount for Breast Cancer Survivors." Chicago Tribune (via HealthDay). 17 September 2018. <http://www.chicagotribune.com/lifestyles/health/sc-hlth-breast-cancer-expenses-lymphedema-0926-story.html> (24 August 2018) <https://consumer.healthday.com/cancer-information-5/breast-cancer-news-94/bills-mount-for-breast-cancer-survivors-737074.html>
10. Scullin, Robin. "New study finds that the financial fallout from breast cancer can last for years and cause a series of cascading economic consequences for survivors and their families." Johns Hopkins University HUB. August 2018. <https://hub.jhu.edu/2018/08/22/breast-cancer-costs/>
11. Gourarie, Chava. "Most Breast Cancer Studies Don't Address Race or Socioeconomic Factors." 17 July 2018. HealthCare Analytics News. <https://www.hcanews.com/news/most-breast-cancer-studies-dont-address-race-or-socioeconomic-factors>
12. Schnabel, Jim. "Breast Cancer Studies Ignore Race, Socioeconomic Factors" Johns Hopkins School of Public Health. 27 June 2018. <https://www.jhsph.edu/news/news-releases/2018/breast-cancer-studies-ignore-race-socioeconomic-factors.html>
13. Southall, Jennifer. "Many women forego adjuvant breast cancer treatment due to distrust of health care system" HemOncToday. 26 February 2018. <https://www.healio.com/hematology-oncology/breast-cancer/news/online/%7B62b5e19b-1ad7-4971-a858-14974ed6b45e%7D/many-women-forego-adjuvant-breast-cancer-treatment-due-to-distrust-of-health-care-system>
14. Rubin, Rita. "Distrust In Health-Care System Might Prevent Breast Cancer Patients From Getting Recommended Care" Forbes.com. 1 December 2017. <https://www.forbes.com/sites/ritarubin/2017/11/30/distrust-in-health-care-system-might-prevent-breast-cancer-patients-from-getting-recommended-care/#43861c2f3100>

15. Brooks, Megan. "Nearly 1 in 3 Breast Cancer Patients Skip Adjuvant Therapy: Why?" Medscape Public Health. 13 November 2017.
<https://www.medscape.com/viewarticle/888521>
16. "Many breast cancer patients forgo post-surgery treatment due to distrust, study suggests." Johns Hopkins University HUB. November 2017.
<https://hub.jhu.edu/2017/11/02/breast-cancer-treatment-discordance/>
17. Lorraine T. Dean: "NRT Giveaway Quit-A-Thon." Philly Speaks with E. Steven Collins. 100.3 WRNB. January 2012.
18. Lorraine T. Dean: "PDPH announces: NRT Giveaway." The Morning Show with Bill Anderson. 900AM WURD. December 2011.

Social Media, Podcasts, Blog Posts, Videos

2021 Dean, Lorraine T. Interview by Kimberly A. Skarupski, April 2, 2021. *Faculty Factory* [Audio podcast]. Retrieved from <https://facultyfactory.org/podcast/#episode38>.

2020 **"Race as a Biological Variable?"**
Peer-reviewed comment to a JAMA article on "Association of Sex or Race With the Effect of Weight Loss on Physical Function" which purported race was a "biological variable".
<https://ja.ma/2YBiOuK>

2019-Present **"Dr. Dean's Two-Minute Tips for Academic Scholarship"**
Original professional development short video series for mentoring students and early career faculty on strategies to enhance their research productivity.
<http://www.drdeanlab.com/two-minute-tips>

Other Practice Activities

2018 **Organizer/Drafter**, Research Letter from the Sidney Kimmel Cancer Center for the Lymphedema Treatment Act
Drafted a letter based on my original research and expertise on costs to lymphedema patients, which was included as part of the submission of the legislation. Subsequently, nearly all of Maryland's Congress signed on to support the legislation, which passed in the US House of Representatives (H.R. 3) in 2019.

2010-2012 **Co-leader**, Smoke-Free Philly Coalition
Led a group of non-profit leaders and community members on tobacco control initiatives. This included informing community members and the Philadelphia Mayor of upcoming legislation and educating community members on the challenges of tobacco control in Philadelphia.

Lorraine T. Dean, ScD

2004-2005

Representative, BreatheFree Philadelphia

Represented graduate students at the University of Pennsylvania on Philadelphia's smoke-free workplace ban, which subsequently passed. Issued a report on student perspectives on smoke-free workplaces.

CURRICULUM VITAE

LORRAINE TIERA DEAN, ScD

PART II

TEACHING

Post-Doctoral Trainees, Johns Hopkins Bloomberg School of Public Health

| | | |
|--------------|---|-----------------------------|
| 2021-Present | Post-doctoral Fellow, Drug Dependence Epidemiology Training | Naomi Greene, MPH, CPH, PhD |
| 2020-Present | Post-doctoral Fellow, Cancer Epidemiology | Kristi Tredway, PhD |

PhD Advisees, Johns Hopkins Bloomberg School of Public Health

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|--------------|--|---|
| 2020-Present | DrPH Student, Health Equity & Social Justice Concentration | Patrice Fleming, MSc “TBD” |
| 2020-Present | PhD Student, Epidemiology (<i>co-advisor</i>) | Sara Daniel, MPH “TBD” |
| 2019-Present | PhD Candidate, Epidemiology (<i>co-advisor</i>) | Jowanna Malone, MSc “Challenges in HIV healthcare among men who have sex with men: a socio-ecological approach” |
| 2018-Present | PhD Candidate, Epidemiology (<i>co-advisor</i>) | Chinenye Ugoji, BPharm, MPH: “Inflammation, Aging Phenotypes and Mortality in Cancer survivors” |
| 2016-2018 | PhD Candidate, Epidemiology (<i>primary advisor</i>) | Geoff Dougherty: “Race, Structural Racism and Obesity” |

Capstone Advisees

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|--------------|---|--|
| 2021-Present | MHS Student, General Epidemiology (<i>co-advisor</i>) | Lidya Tadasse: “TBD” |
| 2021-Present | MHS Student, General Epidemiology (<i>co-advisor</i>) | Shivani Bakre: “TBD” |
| 2020-Present | MPH Student, General Epidemiology (<i>co-advisor</i>) | Thomas Le: “TBD” |
| 2018-2020 | MHS Candidate, General Epidemiology (<i>co-advisor</i>) | Kimberley Lee, MD: “Delays in Initiation of Adjuvant Endocrine Therapy and Survival among Patients with Breast Cancer” |
| 2018-2020 | ScM Candidate, General | Morgane Mouslim, DVM: “Effect of |

Lorraine Tiera Dean, ScD

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| | Epidemiology | filgrastim-sndz (Zarxio®) market entry on patient utilization of colony growth stimulating factors in the United States” |
| 2017-Present | ScM Candidate, General Epidemiology | Sarah Rollinson: “Characterization of Medical System Mistrust Among African-American Breast Cancer Survivors” |
| 2017-2018 | MPH Candidate | Sevly Sngun: “Examining employment discrimination and attempted suicides in Baltimore and D.C. Trans Women of Color” |
| <i>Master’s Thesis Reader</i> 2018-2020 | MHS Candidate, General Epidemiology | Yungfeng Cao: “Ethnic and Biological Differences in the Association Between Physical Activity and Long-Term Survival After Invasive Breast Cancer” |
| <i>Doctoral Thesis Committees, Johns Hopkins Bloomberg School of Public Health</i> | | |
| 2020-Present | DrPH Student, Health Equity & Social Justice Concentration | Ashley Hickson: “Structural Racism and Early Onset of Chronic Disease in African-Americans” |
| 2018-Present | MD/PhD Student, Health Policy & Management | Sarah Gensheimer: “Assessing Housing Issues and Associated Health Care Utilization and Outcomes Among Adults Using Claims and Electronic Health Records” |
| 2018-2019 | PhD Candidate, International Health | Md Zabir Hasan: “Pitfall or Ladder: Social Capital for Care Seeking and Paying for Healthcare” |
| 2017-2018 | PhD Candidate, International Health | Avril Kaplan: “Social Capital and Utilization of Health Services: A Study in Nagaland, India” |
| 2016-2018 | PhD Candidate, Epidemiology | Emily Knapp, MHS: “Does Economic Insecurity Explain Weight Gain in Children? Using Electronic Health Records for Population Health” |
| <i>Advisees, Other Institutions</i> 2020-Present | PhD Candidate Jefferson College of Population Health | Denine R. Crittendon, MPH: Identification of Conceptual Domains Associated with Normalized Structural Racism at the Health Care Systems Level that Translate to Quality of Care Differences Between Black and White Men Diagnosed with Stage Ia, IIa, and |

I Ib Non Small Cell Lung Cancer

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| 2019-Present | Post-doctoral Fellow, Institute for Health Research and Policy, The University of Illinois at Chicago | Shaila M. Strayhorn, Ph.D., MPH |
| 2014-2016 | MPH Candidate, University of Pennsylvania Program in Public Health | Shadiya Moss: “The Role of Distrust in Breast Cancer Treatment” |
| 2014-2016 | MPH Candidate, Drexel University School of Public Health | Amandeep Mann: “The Associations Between Fatigue and Quality of Life Among African American Breast Cancer Survivors.” |
| 2013-2015 | MPH Candidate, Drexel University School of Public Health | Ali Hameed: “Racial Differences in Body Image Perception Among Black and White Breast Cancer Survivors” |
| 2012-2014 | MPH Candidate, Drexel University School of Public Health | Jonathan Newman: “Understanding Research Burden Among Cancer Survivors of the PAL Trial: A Mixed-Methods Analysis to Maximize Participant Retention” |
| 2012-2014 | MPH Candidate, Drexel University School of Public Health | Cindy Gonzalez: “Breast Cancer Related Lymphedema – Physical Burden Reporting Between African American and white Women” |
| 2012-2014 | MPH Candidate, Drexel University School of Public Health | Margaret Katana: “An Assessment of the Severity and Perceived Financial Hardship of Breast Cancer Related Lymphedema in Breast Cancer Survivors” |
| 2012-2014 | MPH, Temple University College of Public Health | Vincent Adomolga: “Recruiting Women with Breast Cancer-Related Lymphedema into a Diet Randomized Controlled Trial: Barriers & Facilitators to Recruitment” |
| 2011-2013 | MPH Candidate, University of Pennsylvania Program in Public Health | Elizabeth Fox: “Predictors of Out-of-Pocket Health Care Expenditures in Breast Cancer Survivors with Lymphedema” |
| 2011-2013 | MPH Candidate, Jefferson | Neh Molyneaux: “Do Smoking Cessation |

Lorraine Tiera Dean, ScD

School of Public Health Programs Tailored to Specific Audiences
Improve Cessation Outcomes?"

Final, Departmental & Preliminary Oral Examination Participation – Johns Hopkins Bloomberg School of Public Health

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|------|----------------------------|-----------------------------|
| 2021 | Epidemiology | Lin Wang [alternate] |
| 2021 | DrPH Program | Ashley Hickson |
| 2020 | DrPH Program | Jordan White [alternate] |
| 2020 | Mental Health | Sherri-Chanelle Brighthaupt |
| 2020 | Health, Behavior & Society | Mudia Uzzi |
| 2020 | Health Policy & Management | Zachary Predmore |
| 2019 | Epidemiology | Daniel Antiporta |
| 2019 | Clinical Investigation | Amber Kernodle [alternate] |
| 2018 | Epidemiology | Adaeze Wosu |
| 2018 | International Health | Md Zabir Hasan |
| 2018 | International Health | Soim Park [alternate] |
| 2018 | Health Policy & Management | Curtis Leung |
| 2016 | International Health | Avril Kaplan |
| 2016 | Mental Health | David Fakunle |

Classroom Instruction

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| Spring 2020, 2021 (3 rd Term) | Instructor: Advanced Seminar in Social Epidemiology (JHSPH 340.705.01) Enrollment: 8 (2020), 12 (2020) |
| Summer 2020, 2019 | Instructor: Foundations of Social Epidemiology (JHSPH 340.666.89) Enrollment: 24 (2019) |
| Spring 2020, 2018 (4 th Term) | Course Creator and Instructor: Methods for Assessing Power and Privilege in Public Health (JHSPH 340.698.01) Enrollment: 15 (2020), 7 (2018) |

Lorraine Tiera Dean, ScD

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| Fall 2017 (2 nd Term) | Course Co-Instructor: Foundations of Social Epidemiology (JHSPH 340.666.60) Enrollment: 27 |
| Spring 2017 (4 th Term) | Facilitator, Special Studies: Discourse on Race and Health (JHSPH) Enrollment: 8 |
| Spring 2014 | Instructor/Course Creator, Social Epidemiology (PENN HSOC 232) Enrollment: 28 |
| Fall 2014, Spring 2014, Fall 2012 | Instructor, Methods for Public Health Practice (PENN PUBH506) Enrollment range: 8-31 |

Guest Lectures in Courses

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| Spring 2018 (4 th Term), Fall 2017 (2 nd Term), Fall 2016 (4 th Term) | “Introduction to Social Determinants of Health” <i>Fundamentals of Epidemiology Course at Homewood</i> (Public Health 280.350) Johns Hopkins University Health, Baltimore, MD |
| Fall 2017 (1 st Term) | “Race and Health” <i>Fundamentals of Health, Behavior and Society, Department of Health, Behavior and Society</i> (HBS 410.600.01) Johns Hopkins Bloomberg School of Public Health, Department of Health Behavior and Society, Baltimore, MD |
| Fall 2016 (3 rd Term) | “Exploring Social Factors that ‘Get Under the Skin’ for Cancer and HIV/AIDS” <i>Current Topics in Epidemiological Research, Department of Epidemiology</i> (EPI 340.860.01) Johns Hopkins Bloomberg School of Public Health, Baltimore, MD |

RESEARCH GRANT PARTICIPATION

Current Support

State Cultures of Health: Policy responses that Reduce Disparities in the Burden and Economic Consequences of Coronavirus Disease 2019

Role: Co-Investigator (Raifman, PI); 5% (Year 1), 3% (Year 2), \$14,483

Agency: Robert Wood Johnson Foundation, Application ID: 94933, 7/2020 – 6/2023

To facilitate rapid research on COVID-19 mitigation policies, the PI of this research team developed the COVID-19 US State Policy Database (tinyurl.com/statepolicies), a publicly-available Google Sheet recording the dates when US states implemented physical distancing and economic mitigation policies, with each policy fully documented. This project applies difference-in-difference analysis to assess how varying state and county-level social distancing and business re-opening policies affect new cases and deaths due to COVID-19. To assess disparities, all analyses will be conducted for the full population and separately by county race/ethnicity and poverty.

Assessing Gaps in HIV Pre-Exposure Prophylaxis (PrEP) Initiation and Retention using

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Pharmacy Claims Data

Role: Principal Investigator (Nunn, Co-PI), 33% effort, \$175,487

Agency: NIH/ National Institute of Nursing Research (NINR), Grant# R21NR018387/PA-18-271 (R21), **3/7/19-2/28/21** (NCE)

This study uses the nation's largest pharmaceutical claims database to assess the frequency with which patients choose not to pay for PrEP prescriptions at the pharmacy point-of-sale, known as a prescription reversal. The results of this first ever study of PrEP prescription reversals will guide who to target for subsequent R series intervention grants focused on increasing retention in PrEP care and can ultimately inform federal safety net programs, industry sponsored medication assistance programs.

Predicting the impact of cost on HIV pre-exposure prophylaxis uptake and racial/ethnic disparities among men who have sex with men

Role: Principal Investigator (Chan, Raifman, Co-PIs), 25% effort, \$47,706

Agency: NIH/ National Institute for Allergy and Infectious Diseases (NIAID), Grant# 1R21MH118019-01, **12/5/18-11/30/20** (NCE)

Despite being a commonly reported barrier to care, little is known about the impact of out-of-pocket costs on PrEP uptake. This mixed methods and modeling study will determine the maximum out-of-pocket costs for optimal PrEP uptake in different populations including Black/African American and Hispanic/Latino MSM. The specific aims of the proposed study are to: 1) conduct 45 semi-structured interviews with MSM to explore how out-of-pocket costs may impact PrEP uptake; and 2) model the impact of co-pays, coinsurance, and deductibles on PrEP uptake.

Component A: A Multi-level Study of Community Context and Type 2 Diabetes and Coronary Heart Disease using Health Record and New Primary Data across Nested Geographies in Pennsylvania

Role: Co-Investigator (Hirsch, Schwartz, PIs), 5% Effort (in-kind; no salary support), \$248,587

Agency: Centers for Disease Control Grant#: U01 DP006296, **9/30/17 – 9/30/22**

This longitudinal study examines pathways between country-level social, built environment, and economic predictors of diabetes across 38 counties in the Geisinger Health System catchment area of Central Pennsylvania.

ACTIVE Cognitive Training Trial: 20-Yr Follow-up of Functioning, Health, and Dementia

Role: Co-Investigator (Willis, Rebok PIs), 15% effort (Years 3 & 4), \$120,465

Agency: NIH/National Institute on Aging (NIA), Grant # R01AG05648, **7/9/17-8/18/21**

The Advance Cognitive Training for Independent and Vital Elderly (ACTIVE) randomized clinical trial (N=2,802) found that cognitive training enhanced both cognitive abilities, everyday functioning, and independent living at 5- and 10-year follow-ups. This study will provide a 20-year follow-up and examining training effects on the incidence and age of onset of Alzheimer's disease and related dementias, and the maintenance of independent functioning.

ECHODAC (Environmental Influences on Child Health Outcomes Data Analysis Center)

Role: Co-Investigator (Jacobson, PI), 20% effort (Years 4 & 5), \$10,131,550

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Agency: NIH, Office of the Director, Grant# 5U24OD023382-02, **9/21/16-8/31/23**
The complementary expertise and resources of Johns Hopkins University and RTI International are combined to become the Data Analysis Center (DAC) for the NIH Environmental Influences on Child Health Outcomes (ECHO) program. The ECHO program will create an extensive resource for elucidating the roles of environmental and genetic characteristics that affect child health. The JHU/RTI Data Analysis Center will advance ECHO research by providing state-of-the-art study designs and analyses, and by publicizing high quality, well-documented ECHO data to promote informative analyses by the scientific community at-large.

Johns Hopkins Center for Health Disparities Solutions – Why Place Matters (Project 03)
Role: Co-Investigator (Gaskin, PI); 10% effort (Year 3); 22% effort (Years 4 & 5), \$912,372
Agency: NIH/National Institute for Minority Health & Health Disparities (NIMHD), Grant# U54MD00214, **9/22/02-4/30/22**

Our studies under the Why Place Matters research program found residents of minority communities had lower access to primary care and specialists and reduced use of physician, non-physician and mental health services compared to residents of majority white communities. Leveraging the comprehensive data resources developed through our research program, our team will conduct secondary analyses to explore the role of several important, but understudied, place characteristics on health care disparities.

Past Support

A Mixed-Methods Approach to Identify Barriers and Facilitators of Breast Cancer Screening and Follow-up to Screening for Black Sexual Minority Women

Role: Principal Investigator (Tonia Poteat, Co-PI), 1% Effort, \$41,710

Johns Hopkins Bloomberg School of Public Health Faculty Innovation Fund, **7/1/17-6/30/19**
Breast cancer is the most frequently diagnosed cancer in women. Data from both sexual minority women and cisgender Black women (i.e. female at birth who identifies as a woman) indicate lower use of timely screening mammography, despite higher risk of breast cancer for sexual minority women than heterosexual women and higher breast cancer mortality rates for Black than White women. However, there is a dearth of research on how the experience of simultaneous marginalization by gender, race, and sexuality impacts breast cancer screening and follow-up. To address this gap in the literature, we propose to investigate breast cancer screening behaviors and follow-up after abnormal results for Black sexual minority women. By using a mixed-methods approach to understand barriers and facilitators to screening and follow-up care, the findings will inform an intervention to reduce breast cancer disparities among Black sexual minority women.

Assessing Economic Burden of Men who have Sex with Men in the Multicenter AIDS Cohort Study

Role: Principal Investigator, 5% Effort (no salary support), \$21,876

Agency: NIH/ National Institute for Allergy and Infectious Diseases (NIAID), Grant#: P30AI094189, **1/2017 – 4/2017**

Understanding the economic challenges that arise due to HIV/AIDS management is crucial to reducing disparities in HIV treatment adherence, outcomes, and mortality. Domestically, economically burdened individuals have the highest HIV rates, with greatest mortality risk

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among those with fewest financial assets. Economic burden leads to differential HIV medication access, adherence, and mortality, yet how economic burden affects HIV treatment outcomes is under-explored and outdated. This longitudinal analysis explores incremental economic burden (changes in employment, income, health insurance) due to HIV/AIDS, on treatment outcomes (viral load, CD4 count) every 6 months, among 1,701 men who have sex with men (MSM) in the 2001-3 and 2010+ Multicenter AIDS Cohort Study (MACS).

Social Determinants of Breast Cancer Survivorship

Role: Principal Investigator, 100% effort (year 1-3), 75% effort (years 4-5), \$759,489

Agency: NIH/ National Cancer Institute (NCI), Grant#: 1K01CA184288-01, **8/11/14 – 7/31/20** (no-cost extension)

This career development award provides Dr. Dean protected time to pursue independent scholarship in the social determinants of disparities in cancer survivorship. The purpose of this study is to explore the relationship between macro- (neighborhood) and micro- (individual) level social and biological risk factors for developing the persistent adverse effects of breast cancer treatment. The study also assesses the costs of disparities in adverse effects of treatment to the healthcare system and to patients. Methodologies include multi-level modeling, GIS, and economic analysis on data from breast cancer survivors who have breast cancer-related lymphedema.

Ruth L. Kirschstein (F31) National Research Service Award

Role: Principal Investigator, 100% effort, \$42,688/annual direct costs

Agency: NIH/National Cancer Institute (NCI), Grant #: 1F31CA136236-01, **9/2008-6/2010**

This pre-doctoral research award provided support for Dr. Dean's doctoral dissertation at Harvard School of Public Health on residential segregation and social capital as macro-level determinants of mental health and cancer screening health behaviors.

Dana Farber Cancer Institute Cancer Prevention Fellowship

Role: Student Fellow (Glorian Sorensen, PI), 100% Effort, \$21,000/annual direct costs

Agency: NIH/National Cancer Institute (NCI), **9/2008-12/2008**

This research award provided initial support for Dr. Dean's doctoral dissertation at Harvard School of Public Health on residential segregation and social capital as macro-level determinants of cancer screening health behaviors.

Initiative for Maximizing Student Diversity (IMSD) Graduate Study Awards

Role: Student Fellow (Louise Ryan, PI), 100% effort, \$0/annual direct costs

Agency: NIH/National Institute of General Medical Sciences (NIGMS), **9/2006-8/2008**

This pre-doctoral award supported the first two years of Dr. Dean's doctoral studies at Harvard School of Public Health. Only underrepresented racial/ethnic minorities are eligible for receipt of this research award.

J. William Fulbright Grant

Role: Principal Investigator, 100% effort, \$16,000

Agency: International Institute of Education, **9/2005-8/2006**

The J. William Fulbright program sponsored Dr. Dean's independent research in Venezuela to understand women's perceptions of self-breast exams.

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ACADEMIC SERVICE

Department of Epidemiology

| | |
|----------------|---|
| 2020 - Present | Admissions & Credentials Committee |
| 2018 | Epidemiology Centennial Symposium Session Co-leader |
| 2017 - Present | Co-Founder, Epidemiology Inclusion, Diversity, Equity and Science (Epi IDEAS) Workgroup |
| 2016 - Present | Comprehensive Examination, Proctor |
| 2016 - Present | Diversity Advocate |
| 2016 - Present | Faculty Sponsor, Social Epidemiology Student Organization |

School

| | |
|----------------|---|
| 2018 | Member, JHSPH Dean's Strategic Plan Committee |
| 2018 - Present | Co-leader, ECHO Socio-economic Position Working Group |
| 2017 | Member, Health Behavior Society Chair Search Committee |
| 2016 - Present | Diversity Advocate Network, Johns Hopkins Bloomberg School of Public Health |

University

| | |
|--------------------|--|
| 2020 – [postponed] | Member, Johns Hopkins University Police Accountability Board |
| 2018 - 2020 | Member, Diversity, Equity & Inclusion Pedagogy Working Group |

PRESENTATIONS

Scientific Meetings [denotes mentee is first author]*

1. Fox M, Lesko C, Edwards J, **Dean LT**, Li X, Arah O, Swanson S. These are a few of my favorite things: Using everyday observations as a guide for new methods. Symposium. Society for Epidemiologic Research, San Diego, CA. June 2021.
2. *Ugoji CC, Walker KA, **Dean LT**, Gross AL, Ballantyne CM, Butler K, Hoogveen RC, Joshi C, Mosley TH, Prizment A, Sharrett AR, Tin A, Coresh J, Platz EA. Circulating Inflammatory Proteins Associated with Dementia Risk in Older Adult Cancer Survivors in the Atherosclerosis Risk in Communities (ARIC) Study. Paper Session: Healthcare Delivery & Communication in Cancer Prevention and Control. American Society of Preventive Oncology 2021, March 2021.
3. Yi JS, Garcia Morales E, Betz J, Deal JA, **Dean LT**, Du S, Goman AM, Reed NS, Griswold ME, Lin FR, Nieman CL. Association between individual life course socioeconomic status and hearing aid use in the Atherosclerosis Risk in Communities (ARIC) Study. Poster presentation. Scientific and Technology Meeting of the American Auditory Society 2021, March 2021.
4. **Dean LT**, Chang HT, Goedel WC, Chan P, Doshi JA, Nunn AS. Pharmacy Reversals: A Novel Indicator of Gaps in the HIV PrEP Care Cascade. Science Spotlight™ Presentation. Conference on Retroviruses and Opportunistic Infections (CROI) 2021, March 2021.

5. *Tredway K, Cork S, Camp MS, Poteat T, **Dean LT**. LGBTQ Patients and Cancer Care: A Scoping Review of U.S. Physician Attitudes, Biases, and Interactions. 13th American Association for Cancer Research Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Miami, Florida. October 2020.
6. *Tredway K, Cork S, Camp MS, Poteat T, **Dean LT**. LGBTQ Patients and Cancer Care: A Scoping Review of U.S. Physician Attitudes, Biases, and Interactions. GLMA: Health Professionals Advancing LGBTQ Equality Annual Conference, Fort Lauderdale, Florida. October 2020.
7. *Ugoji C, **Dean LT**, Gross A, Platz E. Racial differences in the Association of Circulating Inflammatory Proteins with Mortality from Causes other than the Index Cancer in Older Adult Cancer Survivors in the Atherosclerosis Risk in Communities (ARIC) study. Video Poster Presentation. 13th AACR Virtual Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. October 2020.
8. *Uzzi M, **Dean LT**. Credit scores as a novel measurement tool to examine violence inequities in Philadelphia, PA. Flash Science Presentation. Society for Advancement of Violence and Injury Research, Philadelphia, PA. April 2020.
9. *Greene N, Malone J, Adams MA, **Dean LT**, Poteat T. Exploring healthcare provider interactions in breast cancer screening and care among Black sexual minority women. Podium Presentation. American Public Health Association, Philadelphia, PA. November 2019. Awarded the 2019 Walter J. Lear Award from the American Public Health Association LGBT Caucus.
10. *Ugoji CC, **Dean LT**, Platz E. Excess Burden of Cancer Risk Factors in Racial/Ethnic minority Cancer Survivors in the United States (2005-2016). Poster Presentation. American Association for Cancer Research (AACR) Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, San Francisco, CA. September 2019.
11. *Ugoji CC, **Dean LT**, Joshu C, Platz E. Trends in the Prevalence of Cancer Risk Factors among Cancer Survivors in the United States (2005-2016). Poster Presentation. Society for Epidemiologic Research, Minneapolis, MN. June 2019.
12. Zhang Z, Rao R, **Dean LT**, Vempale S, Ojutiku O. Breast Cancer Detection in the Black/African American and Hispanic Community: Room to Improve on Screening Potential Benefit. Poster Presentation. American Roentgen Ray Society Annual Meeting, Honolulu, HI. May 2019.
13. **Dean LT**, Nonyane BAS, Ugoji CC, Visvanathan K, Jacobson LP, Lau B. Economic Burden among HIV+ and HIV- MSM in the Multicenter AIDS Cohort Study. Poster

- Presentation. Scientific Committee of the 23rd International Workshop on HIV and Hepatitis Observational Databases, Athens, Greece. March 2019.
14. **Dean LT.** Consumer Credit as a Novel SEP Indicator. Podium Presentation & Symposium Co-Chair. Society for Epidemiologic Research, Baltimore, MD. June 2018.
 15. **Dean LT,** Luan H, Brady KA, Ransome Y. Does bankruptcy risk predict new HIV cases? A spatio-temporal analysis of the local credit economy and HIV in Philadelphia, PA. Poster Presentation. Society for Epidemiologic Research, Baltimore, MD. June 2018.
 16. *Knapp E & **Dean LT.** Neighborhood credit score as a novel measure for individual obesity risk. Podium Presentation. The Obesity Society, Washington DC. November 2017. Awarded the Top Abstract TOS Epidemiology & Population Health Section Student and Trainee Poster Competition. 2nd Place Winner in the TOS Lightning Talks.
 17. *Dougherty GB, **Dean LT.** Using theory to define a computationally tractable specification space in confirmatory factor modeling. Podium Presentation. Stata Conference, Baltimore, MD. July 2017.
 18. *Knapp E & **Dean LT.** Are credit scores associated with diabetes prevalence and risk factors? Poster Presentation. Society for Epidemiologic Research Annual Meeting (SER), Seattle, WA. June 2017.
 19. **Dean LT,** Schmitz KH, Frick K, Nicholas L, Zhang Y, Subramanian SV, Visvanathan K. Consumer Credit, Cancer Treatment, and Health Among Women with a History of Breast Cancer. Poster Presentation. American Association for Cancer Research Annual Meeting (AACR), Washington DC. April 2017.
 20. *Swen M & Mann A, Paxton RJ, **Dean LT.** Cancer-Related Fatigue and Physical Activity Vary by Age for Black Women with a History of Breast Cancer. Poster Presentation. American Association for Cancer Research Annual Meeting (AACR), Washington DC. April 2017.
 21. *Moss S, Zhang Y, **Dean LT.** Psychosocial Stress and Cognition among Long-Term Breast Cancer Survivors: The Impact of Major Lifestyle Changes. Poster Presentation. American Public Health Association (APHA) Annual Meeting & Expo, Denver. Oct/Nov 2016.
 22. Ransome Y, **Dean LT.** Research on social capital and HIV outcomes in the United States: results, challenges, and future directions. Poster Presentation. 21st International AIDS Conference (IAIDS), Durban, South Africa. July 2016.
 23. **Dean LT,** Moss M, Jacobs L, Subramanian SV, Schwartz S, Schmitz KH: The Burden

- of the Bulge: Associations Between Economic Burden and BMI Change among Women with a History of Breast Cancer. Poster Presentation. Trans-Disciplinary Research on Energetics and Cancer (TREC) Final Scientific Meeting, National Cancer Institute-Shady Grove, Rockville, MD. March 2016.
24. Lyons S, Arroyo-Johnson C, **Dean LT**, Hipp JA, Goodman, M: Racial Segregation and Obesity: A Struggle Between Your Environment and Individual Choice. Poster Presentation. Institute for Public Health's 8th Annual Conference, Washington University in St. Louis, St. Louis, MO. November 2015.
25. **Dean LT**, Kumar A, Kim T, Herling M, Brown J, Zhang Z, Evangelisti M, Alford R, Cheville A, Troxel A, Schwartz S, Schmitz KH: Race or Resource?: Differences in Lymphedema Severity among Obese Breast Cancer Survivors. Poster Presentation. Trans-Disciplinary Research on Energetics and Cancer (TREC) November Scientific Meeting, Fred Hutchinson Cancer Research Center, Seattle, WA. September 2015.
26. **Dean LT**, DeMichele A, Li SQ, Colameco CB, Stephens AJ, Coursey M, Mao J: Racial Differences in Upper Extremity Disability for Breast Cancer Survivors. Poster Presentation. American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL. May 2015.
27. **Dean LT**, Zhang X, Latif N, Giuntoli R, Kim S, Shalowitz D, Stashwick C, Burger R, Morgan M, Ko E, Schmitz KH: Race-based disparities in loss of functional independence after uterine cancer. Poster Presentation. American Association for Cancer Research (AACR) Annual Meeting 2015, Philadelphia, PA. April 2015.
28. Zhang Z, O'Malley, BW, Brown JC, Bauml J, **Dean LT**, Weinstein GS, Schmitz, K: Effect of HPV on Post-Treatment Weight in Head and Neck Squamous-Cell Carcinoma: A Pilot Study. Poster Presentation. Annual Meeting of the American Academy of Otolaryngology - Head and Neck Surgery Foundation, Orlando, FL. September 2014.
29. Zhang Z, Brown JB, Weinstein GS, Bauml J, **Dean LT**, O'Malley BW, Schmitz KH: The effects of underweight and obesity at diagnosis on the risk of head and neck cancer recurrence. Poster Presentation. International Federation of Head and Neck Oncologic Societies (IFHNOS) 2014 5th World Congress and American Head and Neck Society (AHNS) Annual Meeting, New York, NY. July 2014.
30. Lynch S, **Dean LT**, Heroux M, Bauer T, Sturgeon K, Palmer ED, Leonard M, Sarwer D, Jacobs L, Schmitz KH: Project Hope: Internet-based Eating and Exercise for BRCA+ Survivors to Address Heart and Bone Health. Basser Center for BRCA1/2 Research Conference, Philadelphia, PA. May 2014.
31. **Dean LT**, Mitchell J, Rebbeck T, Gehlert S, Schmitz, KH: Race, Obesity, and Breast Cancer Outcomes. Trans-Disciplinary Research on Energetics and Cancer (TREC) -

Center for Population Health and Health Disparities Joint Scientific Meeting, Marina Del Rey, CA. May 2014.

32. **Dean LT**, Kim T, Herling M, Brown J, Zhang Z, Evangelisti M, Alford R, Cheville A, Troxel A, Schwartz S, Schmitz KH: Preliminary Evidence of Racial/Ethnic Differences in Cancer Survivorship: The Example of Breast-Cancer Related Lymphedema. The Science of Cancer Health Disparities, American Association for Cancer Research, 2013, Atlanta, GA. December 2013.
33. **Dean LT**, Kim T, Herling M, Brown J, Zhang Z, Evangelisti M, Alford R, Cheville A, Troxel A, Schwartz S, Schmitz KH: Preliminary Evidence of Racial/Ethnic Differences in Cancer Survivorship: The Example of Breast-Cancer Related Lymphedema. Poster Presentation. Trans-Disciplinary Research on Energetics and Cancer (TREC) November Scientific Meeting, San Diego, CA. November 2013.
34. **Dean LT**, Subramanian SV, Williams DR, Wong D, Charles CZ, Kawachi, I: Using maps to explore the question: Does residential segregation hurt or help the mental health of African-Americans? Urban and Regional Information Systems Association (URISA) GIS and Public Health Conference, Miami, FL. June 2013.
35. Fitzgerald E, Cannuscio C, Mallya G, **Dean LT**, Solomon S: Community-generated policy recommendations regarding the urban nutrition and tobacco environments: results from a photo-documentation study in Philadelphia. Poster Presentation. 20th Annual Meeting of the Society for Prevention Research, Washington, DC. May 2012.
36. Parvanta S, Gibson L, Cappella J, **Dean LT**, Freres D, Forquer H, Lerman C, Mallya G, Johnson M, Tan A, Hornik R: Formative Research for the Philadelphia Anti-Smoking Media Campaign: Finding key beliefs that may increase adult smokers' intentions to quit with help. Poster Presentation. 139th Meeting & Exposition of the American Public Health Association (APHA), Washington, DC. October 2011.
37. Mallya G, Feyler N, Solomon S, **Dean LT**, Winkler R, Johnson T: Sugary drinks and smoking: Changing norms and behavior through theory-based, data-driven social marketing campaigns in Philadelphia. Poster Presentation. 139th Meeting & Exposition of the American Public Health Association (APHA), Washington, DC. October 2011.
38. Gibson L, Shapiro D, Forquer H, Cappella J, Hornik R, **Dean LT**, Mallya G: Choosing between ads for youth health promotion campaign: Using theory and evidence to guide pre-testing and evaluation. Poster Presentation. 139th Meeting & Exposition of the American Public Health Association (APHA), Washington, DC. October 2011.
39. Gurmankin A, Ubel PA, Badler A, **Dean LT**, Coyne J, Armstrong KA: Long-term Consequences of Difficulty with Treatment Decisions for Localized Prostate Cancer. Poster Presentation. American Society of Preventive Oncology. 2004.

Invited Seminars

- 2021 “The (Responsible) Use of Race in Social Epidemiology”
Brown School of Public Health
- 2021 “Social Risk Factors Matter for Breast Cancer Screening & Survivorship ”
UMD School of Social Work Lunchtime Seminar Series
- 2021 “Social Risk Factors Matter for Breast Cancer Screening & Survivorship”
Sidney Kimmel Comprehensive Cancer Center Grand Rounds
- 2020 “Foundations of Social Epidemiology”
Kings College, Graduate Healthcare Administration Program
McGowan School of Business
- 2020 “Social Epidemiology: Past, Present, and Future”
Colorado School of Public Health (CSPH) Epidemiology Monthly Seminar Series
- 2020 “Cost Barriers to HIV PrEP Retention in Care in US Populations”
United States Food & Drug Administration (FDA) Center of Excellence in Regulatory Science and Innovation (CERSI) Lectures
- 2020 Our Breast Health: The Access Project” with Tonia Poteat
Susan Love Research Army Webinar
- 2020 “Equity in Cancer Care: Understanding Health Disparities to Improve Patient Care and Support Programs”
Family Reach Imagine Session
- 2020 “Factors Influencing Breast Cancer Screening and Follow-up for Black Sexual Minority Women”
Cancer in Sexual and Gender Minority Persons Symposium, Stanford
Center for Population Health Sciences: Sex-specific and Sex Differences in Cancer Symposium
- 2020 “Doing Breast Cancer Research in Unique Populations”
NCI Division of Cancer Epidemiology and Genetics Fellows’ Symposium, National Cancer Institute, Bethesda, Maryland
- 2020 “Rethinking Neighborhood Markers of Health”
Health Disparities Research Section of the Laboratory of Epidemiology and Population Sciences, National Institute on Aging, Baltimore, Maryland
- 2020 “Living Social Responsibility through Translation of Open Science Values”
2nd Katherine E. Welsh Symposium on Graduate Education in the Era of Open Science, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 2019 “Social & Economic Determinants of Breast Cancer Survivorship”
Cancer Outcomes, Public Policy, and Effectiveness Research (COPPER) Center, Yale University, New Haven, CT
- 2019 “Consumer Credit as a Novel Marker of Health”
Summer Undergraduate Minority Research Program’s 20th

- Anniversary Conference, Leonard Davis Institute, University of Pennsylvania, Philadelphia, PA
- 2019 “Consumer Credit and Other Long-Term Costs after Breast Cancer”
Sloane Epidemiology Center, Boston University School of Medicine, Boston, MA
- 2019 “Long-Term Economic Burden of Breast Cancer and its Adverse Effects”
Cancer Control & Population Health seminar, University of Virginia Cancer Center, Charlottesville, VA
- 2018 “Multi-level Social and Economic Determinants of Chronic Disease”
Health Equity Jam Session, Johns Hopkins Center for Health Equity, Baltimore, MD
- 2017 “Consumer Credit and Cancer-Related Financial Toxicity for Long-term Breast Cancer Survivors with Adverse Treatment Effects”
City of Hope National Medical Center, Duarte, CA
- 2017 “Introduction to Social Determinants of Health”
Fundamentals of Epidemiology Course at Homewood
Johns Hopkins University, Baltimore, MD
- 2017 “Race and Health”
Johns Hopkins Bloomberg School of Public Health, Department of Health Behavior and Society, Baltimore, MD
- 2017 “Social & Economic Factors that ‘Get Under the Skin’ for Breast Cancer Screening & Survivorship”
Fred Hutchinson Cancer Center, Seattle, WA
- 2017 “Social Factors that ‘Get Under the Skin’ for Cancer Screening & Survivorship”
Drexel University Dornsife School of Public Health, Philadelphia, PA
- 2017 “Social Capital and Health”
NYU Abu Dhabi University & College,
New York University, United Arab Emirates
- 2016 “Mixed Methods Analysis of Economic Burden after Breast Cancer: Research in Progress”
Cancer Outcomes and Health Services Risk Interest Group (BLOCS), Department of General Internal Medicine,
Johns Hopkins Medicine, Baltimore, MD
- 2016 “Exploring Social Factors that ‘Get Under the Skin’ for Cancer and HIV/AIDS”
The University of Texas at Austin School of Social Work, Austin, TX
- 2016 “Introduction to Social Determinants of Health”
Fundamentals of Epidemiology Course at Homewood
Johns Hopkins University, Baltimore, MD
- 2016 “Assessing Economic Burden of MSM in the MACS”
CFAR Social and Behavioral Sciences Research Network (SBSRN)
“Mentoring the Next Generation” Workshop, Miami FL

- 2016 “Exploring Social Factors that ‘Get Under the Skin’ for Cancer and HIV/AIDS”
Epidemiology Seminar Series, Department of Epidemiology
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 2016 “Update on Project 3: Breast Cancer-Related Lymphedema: Cost of Illness and Cost Effectiveness of Alternative Management Strategies”
National Cancer Institute, Rockville, MD
- 2015 “Inside Out: From Chronic Disease Policy to Social Determinants Research”
University of California – Los Angeles School of Public Health,
Department of Health Policy and Management, Los Angeles, CA
- 2015 "Race or Resource? Social Determinants of Cancer Screening and Survivorship"
Case Western Reserve University, School of Medicine, Cleveland, OH
- 2015 "Race or Resource? Social Determinants of Cancer Screening and Survivorship"
Huntsman Cancer Institute, Salt Lake City, UT
- 2015 "Social Determinants of Cancer Disparities: From Screening to Survivorship"
Rollins School of Public Health at Emory University, Atlanta, GA
- 2015 "Social Determinants of Cancer Disparities: From Screening to Survivorship"
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- 2014 "Living a 'Well-Adjusted' Life: Disparities in the Adverse Effects of Breast Cancer Treatment”
Temple University College of Public Health, Division of
Epidemiology/Biostatistics, Temple University
- 2014 "Lessons at the Intersection of Public Health and Education",
Mayor’s Office of Education, Philadelphia, PA
- 2014 "Lessons at the Intersection of Public Health and Education", Project
Forward Leap Education Policy Forum: Empowering Students for
Achievement, Philadelphia, PA
- 2014 "Methods for Exploring and Addressing the Social Determinants of
Cancer Survivorship"
Harvard School of Public Health, Boston, MA
- 2014 "Racial/Ethnic Disparities in the Adverse Effects of Breast Cancer
Treatment", Washington University in St. Louis, St. Louis, MO
- 2014 "Living a “Well-Adjusted” Life: Race or Resource? Disparities in the
Adverse Effects of Breast Cancer Treatment"
Brain, Behavior and Cancer Seminar Series, University of Pittsburgh
Cancer Institute, Pittsburgh, PA
- 2013 "Race, Place, and Distrust as Determinants of Cancer Treatment and
Survivorship"
American Cancer Society Epidemiology Division, Atlanta, GA

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- 2013 "The Role of Race and 'Waist' on Breast Cancer Survivorship: Preliminary Results"
University of California San Diego Department of Family & Preventive Medicine, San Diego, CA
- 2013 "Does Residential Segregation Hurt or Help the Health of African-Americans?"
Northwestern University Department of Psychiatry, Chicago, IL
- 2012 "Get Healthy Philly", Health Policy Seminar
University of Pennsylvania, Philadelphia, PA
- 2012 "Get Healthy Philly", Tobacco Prevention
University of Pennsylvania, Philadelphia, PA
- 2011 "Philadelphia Tobacco Control: Public Health Programming and Evaluation"
Thomas Jefferson University, Philadelphia, PA
- 2011 "Assessing Social Capital in Southeastern Pennsylvania"
Public Health Management Corporation, Philadelphia, PA
- 2011 "Why do we do the things we do? Policy, Public Health and Prevention"
University of Medicine and Dentistry of New Jersey, Stratford, NJ

ADDITIONAL INFORMATION

Personal statement of research and practice goals, objectives and impact

As a social epidemiologist, the focus of my work is on the social determinants of chronic disease risk and outcomes, under the larger umbrella of “privilege and health”. Privilege is distinct from disparities or minority health in that it acknowledges explicitly that some group’s health is benefitted at the expense of another group’s health. Methodologically, I use quantitative (econometric, longitudinal analysis, multi-level modeling, GIS, propensity scores) and qualitative methods to examine the harms that social (racism, discrimination, distrust) and economic (socio-economic position, consumer credit) privilege gradients cause for persons facing cancer and HIV. Currently, I am PI of two R21s on how patient costs influences HIV PrEP use and interest, am revising an R01 resubmission on patient costs for oral anti-cancer medications, developing a pilot project to obtain preliminary data on how oral anti-cancer medications can appeal to people across privilege gradients, and have a pending grant that was submitted to the American Cancer Society (for which the cycle was cancelled due to COVID-19). My long-term goal is to identify which social determinants can be used to identify those at risk of adverse outcomes for cancer and HIV, due to their lack of privilege, and how to intervene on these factors (when appropriate) to prevent or mitigate adverse outcomes.

The public health impact of my work is highlighted in top peer-reviewed articles for the fields of cancer (e.g, *Cancer*); HIV/AIDS (e.g, *JAIDS, AIDS & Behavior*); public health (e.g., *AJPH; AJPM*); and social epidemiology (e.g., *Social Science and Medicine, AJE*), as well as in major media outlets including *Forbes*, and the *Chicago Tribune*. I continue to show my public health impact through policy-relevant research. Prior to my academic career, I served as Manager of the Tobacco Policy & Control Program for the Philadelphia Department of Public Health. Through my policy work resulting in 40,000 fewer smokers and permanent legislative changes affecting 1.5 million residents of Philadelphia, my efforts have moved the needle toward better health for populations and I returned to academia to be part of building the evidence base for equitable health policies and programs. My multi-disciplinary background has equipped

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me with tools to translate my research into policy and practice. For example, on behalf of the Sidney Kimmel Cancer Center (where I have a joint appointment), I organized and drafted a letter to the US Congress in support of the Lymphedema Treatment Act. The letter included evidence from research out of my lab on reducing costs of care for adverse effects of breast cancer, after which the Maryland Representatives to the US Congress signed on to the legislation, which was passed in the House of Representatives in 2019 (H.R. 3). Rooted in my policy experience and consequentialist orientation, my research seeks to identify and intervene on social and economic barriers to healthcare for individuals and populations through policies and programs.

Keywords: social epidemiology, social determinants, breast cancer, survivorship, HIV/AIDS, health disparities