#  Curriculum Vitae

**LORRAINE TIERA DEAN, SCD**

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| **PERSONAL DATA** Office | 615 N Wolfe St, E6650Baltimore, MD 21205Phone: 410.502.7205Lori.Dean@jhu.edu |
|  Home | 1032 McDonogh StBaltimore, MD 21205 USA617-331-8981 |
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| **EDUCATION AND TRAINING** |
|  | 2003 |  | BA |  | **University of Pennsylvania**Major: Biological Basis of Behavior |
|  | 2010 |  | ScD |  | **Harvard School of Public Health** Majors: Social Epidemiology; Social and Behavioral Research Methods Minor: Health DisparitiesDissertation Focus: Macro- and micro-level determinants of cancer screening behaviors |
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| **PROFESSIONAL EXPERIENCE** |
|  | 2001-2002 |  | **Research Assistant,** 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 |
|  | 2004-2005 |  | **Assistant Project Manager,** University of Pennsylvania Department of General Internal Medicine |
|  | 2006-2009 |  | **Research and Evaluation Consultant,** Goodman Research Group, Incorporated |
|  | 2009-2010 |  | **Research Analyst,** Urban Affairs Coalition |
|  | 2010-2012 |  | **Tobacco Policy & Control Manager,** Philadelphia Department of Public Health |
|  | 2011-2012 |  | **Adjunct Fellow/Guest Lecturer,** Drexel University School of Public Health  |
|  | 2012-2014 |  | **Manager,** WISER Survivor Study, University of Pennsylvania Trans-disciplinary Research on Energetics and Cancer (TREC) Center |
|  | 2013-2015 |  | **Associate Fellow,** Center for Public Health Initiatives |
|  | 2013-2015 |  | **Fellow,** Leonard Davis Institute of Health Economics |
|  | 2013-2016 |  | **Instructor,** University of Pennsylvania School of Medicine, Department of Biostatistics and Epidemiology  |
|  | 2016-Present |  | **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) |
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| **PROFESSIONAL ACTIVITIES** |
| *Society Memberships and Leadership* |
|  International |
|  | 2014-2016 |  | **Member,** Society for Medical Decision Making |
|  | 2016-Present |  | **Board of Directors,** Nyandarua Cancer Center, Kenya, Africa |
| National |
|  | 2005-Present |  | **Member,** American Public Health Association |
|  | 2012-Present |  | **Trainee,** Trans-disciplinary Research on Energetics and Cancer |
|  | 2012-2016 |  | **Member,** Trans-disciplinary Research on Energetics and Cancer (TREC) Disparities Workgroup |
|  | 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 |
|  | 2014-Present |  | **Member,** Robert Wood Johnson New Connections Network |
|  | 2015-2016 |  | **Member,** The Obesity Society, Obesity & Cancer Section |
|  | 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 |
|  | 2017-Present |  | **Reviewer,** American Institute of Biological Sciences Scientific Peer Advisory and Review Services  |
|  | 2017-Present |  | **Member,** Society for Epidemiologic Research |
|  | 2018-Present |  | **Member,** Society of Behavioral Medicine |
|  |  |  |  |
| Local |
|  | 2006-2009 |  | **Member,** Harvard School of Public Health Africa Health Forum  |
|  | 2006-2007 |  | **Graduate Student Liaison,** Harvard Black Student Health Association  |
|  | 2007-2009 |  | **Member,** Interdisciplinary Consortium on Urban Planning and Public Health  |
|  | 2007-2009 |  | **Member,** Harvard Black Student Health Organization |
|  | 2014-2015 |  | **Board of Directors,** American Cancer Society, East Central Division |
|  | 2014-2015 |  | **MPH Community Advisory Board,** Thomas Jefferson University |
|  | 2015-2016 |  | **Chair of Academic Counsel Committee,** Project Forward Leap |
|  |
| *Participation on Advisory Panels*  |
|  | 2015-2016 |  | **Community-Academic Advisory Board,** American Cancer Society Grant (#10-243-01): Problems and Resources of African American Breast Cancer Survivors |
| *Participation on Review Committees*  |
|  | 2018 |  | **Reviewer,** NIH NIMHD ZRG1 Healthcare Delivery and Methodologies Integrated Review Group (56) Surgical Disparities Research Special Emphasis Panel |
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| **EDITORIAL ACTIVITIES** |
| *Peer Review Activities* |
|  | 2008-Present |  | Academic peer reviewer, Journal of Health Psychology |
|  | 2008-Present |  | Academic peer reviewer, Social Science and Medicine |
|  | 2010-Present |  | Academic peer reviewer, Ethnicity & Health |
|  | 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 |
|  | 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 |
|  | 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 |
|  | 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 |
| *Ad Hoc Review of Proposals* |
|  | 2017-2018 |  | Grant reviewer, Cigarette Restitution Fund |
|  | 2017-Present |  | Grant reviewer (2017) & Chair (2018), American Institute of Biological Sciences New York Department of Health Healthcare Practitioner Breast Cancer Education Research Project |
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| **HONORS AND AWARDS** |
| *Honors* |  |  |  |
|  | 2008-2010 |  | **Grantee,** Ruth L. Kirschstein F31 National Research Service Award (NIH) |
|  | 2006-2008 |  | Biostatistics Department's Initiative for Maximizing Student **Diversity Fellowship,** Harvard School of Public Health |
|  | 2015-2016 |  | **Invited Fellow,** Professional Development and Mock Review Workshop, NCI/Center to Reduce Cancer Health Disparities |
|  | 2005-2006 |  | **Grantee,** William J. Fulbright Program |
|  | 2002 |  | **Summer Undergraduate Minority Research Scholar,** Leonard Davis Institute of Health Economics  |
|  | 2003 |  | **Member,** Onyx Senior Honor Society |
|  | 2006 |  | **Selectee,** UNESCO Quality of Life Education Grant Selectee |
|  | 2008 |  | **Grantee,** Pre-Doctoral Cancer Prevention Fellowship, HSPH/Dana Farber Cancer Institute Fellowship |
|  | 2013 |  | **Grantee,** National Institutes of Health Loan Repayment Program |
|  | 2015 |  | **Selectee**, Molecular Prevention Course, National Cancer Institute |
|  | 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 |
|  | 2017 |  | **NIH Early Career Reviewer,** Center for Scientific Review, National Institutes of Health |
|  | 2017 |  | **Fellow,** Brown University Clinical and Community-Based HIV/AIDS Research Training (CCRT) Fellowship |
|  | 2017 |  | **Fellow,** SOURCE Service-Learning Faculty Fellows Program |
|  | 2017 |  | **Member,** Johns Hopkins Center for Health Disparities Solutions |
|  | 2019 |  | **Dean’s Selection,** Leadership Program for Women Faculty, Office of Women in Science and Medicine, Johns Hopkins School of Medicine |
| *Awards* |  |  |  |
|  | 2009 |  | John Piersol McCaskey Distinguished Alumni Award |
|  | 2015 |  | Outstanding Investigator Award, Susan G. Komen |
|  | 2015 |  | Community Impact Award, Delta Sigma Theta Sorority, Inc Lancaster Alumni Chapter |
|  | 2015 |  | Invited Fellow, Professional Development and Mock Review Workshop, NCI/Center to Reduce Cancer Health Disparities |
|  | 2017 |  | **Faculty Innovation Fund**, Johns Hopkins Bloomberg School of Public Health |
|  | 2018 |  | **Golden Apple Award for Excellence in Teaching**, Johns Hopkins Bloomberg School of Public Health |
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| **PUBLICATIONS** |
| *Journal Articles [\* denotes mentee is first author]* |

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|  | 1. Armstrong K, McMurphy S, **Dean L**, Micco E, Putt M, Hughes-Halbert C, Schwartz S, Sankar P, Pyertiz R, Bernhardt B, Shea JA: Differences in the Patterns of Health Care System Distrust between Blacks and Whites. Journal of General Internal Medicine, 23(6): 827-833, February 2008. PMID: 18299939 PMCID: PMC2517897 DOI: 10.1007/s11606-008-0561-9
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|  | 1. Shea JA, Micco E, **Dean L**, McMurphy S, Armstrong K: Development of a Revised Health Care System Distrust Scale. Journal of General Internal Medicine, 23(6): 727-732, March 2008. PMID: 18369678 PMCID: PMC2517896 DOI: 10.1007/s11606-008-0575-3
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|  | 1. Hutchinson R, Putt M, **Dean L**, Long J, Montagnet C, Armstrong K: Neighborhood Racial Composition, Social Capital and Black All-Cause Mortality in Philadelphia. Social Science and Medicine, 68(10): 1859-1865, March 2009. PMID: 19324485 PMCID: PMC5472423 DOI: 10.1016/j.socscimed.2009.02.005
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|  | 1. Fitzgerald E, Frasso R, **Dean LT**, Johnson T, Solomon S, Weiss E, Mallya G, Cannuscio C: Community-generated policy recommendations regarding the urban nutrition and tobacco environments: results from a photo-documentation study in Philadelphia. Preventing Chronic Disease. Centers for Disease Control and Prevention, 10(120204), June 2013. PMID: 23764347 PMCID: PMC3684355 DOI: 10.5888/pcd10.120204
 |
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|  | 1. Leung R, Mallya G, **Dean LT**, Rizvi A, Dignam L, Schwarz DF: Instituting a Smoke-Free Policy for City Recreation Centers and Playgrounds, Philadelphia, PA, 2010. Preventing Chronic Disease. Centers for Disease Control and Prevention, 10(E116), July 2013. PMID: 23845177 PMCID: PMC3711557 DOI: 10.5888/pcd10.120294
 |
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|  | 1. 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. Journal of the National Cancer Institute. Oxford Journals, 105(18): 1344-1354, September 2013. PMID: 23990667 PMCID: PMC3776266 DOI: 10.1093/jnci/djt223
 |
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|  | 1. 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. Social Marketing Quarterly. Sage Journals, 19(4): 242-264, December 2013. PMID: 24817829 PMCID: PMC4012855 DOI: 10.1177/1524500413506004
 |
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|  | 1. **Dean LT,** Subramanian SV, Williams DR, Armstrong KA, Charles CZ, Kawachi, I: The role of social capital in African-American women’s use of mammography. Social Science & Medicine. Elsevier, 104: 148-156, March 2014. PMID: 24581073 PMCID: PMC3942669 DOI: 10.1016/j.socscimed.2013.11.057
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|  | 1. **Dean LT**, Hillier A, Chau H, Subramanian SV, Williams DR, Kawachi, I. Can you party your way to better health? A Propensity Score Analysis of Block Parties and Health. Social Science & Medicine. Elsevier, 138: 201-209, August 2015. PMID: 26117555 PMCID: PMC4500646 DOI: 10.1016/j.socscimed.2015.06.019
 |
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|  | 1. **Dean LT**, Subramanian SV, Williams DR, Armstrong KA, Charles CZ, Kawachi I: Getting Black Men to Undergo Prostate Cancer Screening: The Role of Social Capital. American Journal of Men's Health. 9(5): 385-396, September 2015. PMID: 25117538 PMCID: PMC4472568 DOI:10.1177/1557988314546491
 |
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|  | 1. Zhang X, Haggerty AH, Brown J, Giuntoli R, Lin L, Kim S, Simpkins F, **Dean LT**, Ko E, Morgan M, Schmitz KH. The Prescription or Proscription of Exercise in Endometrial Cancer Care. Gynecologic Oncology. Elsevier, 139(1):155-92015, October 2015. PMID: 26307400 PMCID: PMC4915365 DOI:10.1016/j.ygyno.2015.08.007
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|  | 1. **Dean LT**, DeMichele A, Lee SQ, Colameco C, Stephens A, LeBlanc M, Coursey M, Mao JJ. Black Cancer Survivors Experience Greater Upper Extremity Disability. Breast Cancer Research and Treatment. 154(1):117-125, November 2015. PMID: 26420404 PMCID: PMC4623964 DOI: 10.1007/s10549-015-3580-3
 |
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|  | 1. **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 KH. Disparities in Functional Independence after Hysterectomy for Uterine Cancer. Journal of Supportive Care in Cancer. 24(8), 3573-3580, March 2016. PMID: 27025595 PMCID: PMC4920714 DOI: 10.1007/s00520-016-3185-3
 |
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|  | 1. **Dean LT**, Kumar A, Kim T, Herling M, Brown J, Zhang Z, Evangelisti M, Hackley R, Kim J, Cheville A, Troxel A, Schwartz S, Schmitz KH. Race or Resource? BMI, Race and Other Social Factors as Risk Factors for Inter-Limb Differences among Overweight Breast Cancer Survivors with Lymphedema. Journal of Obesity: Obesity Associated Cancers. 8241710, June 2016. PMID: 27433356 PMCID: PMC4940553 DOI:10.1155/2016/8241710
 |
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|  | 1. **Dean LT**, Brown J, Coursey M, Schmitz KH. Great Expectations: Racial Differences in Outcome Expectations for Physical Activity among Black and White Breast Cancer Survivors. Psycho-Oncology. 25(9), 1064-70, September 2016. PMID: 27192633 PMCID: PMC5014689 DOI: 10.1002/pon.4175
 |
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|  | 1. Barsevick AM, Leader A, Bradley PK, Avery T, **Dean LT**, DiCarlo M, Hegarty, S. Post-treatment Problems of African American Breast Cancer Survivors. Journal of Supportive Care in Cancer. 24(12): 4979-4986, December 2016. PMID: 27543161 PMCID: PMC5539961 [Available on 2017-12-01] DOI: 10.1007/s00520-016-3359-z
 |
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|  | 1. Ransome Y, Kawachi I, **Dean LT**. Neighborhood Social Capital in Relation to Late HIV Diagnosis, Linkage and Engagement to HIV Care. AIDS & Behavior. 21(3):891-904, March 2017. PMID: 27752875 PMCID: PMC5306234 DOI: 10.1007/s10461-016-1581-9
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|  | 1. Graul A**,** Latif N, Zhang X, **Dean LT**, Morgan M, Giuntoli R, Burger R, Kim S, Schmitz KH, Ko E. Incidence of venous thromboembolism VTE by type of gynecologic malignancy in the National Surgical Quality Improvement Program. International Journal of Gynelogical Cancer. 27(3):581-587, March 2017. PMID: 28187092 PMCID: PMC5539959 [Available on 2018-03-01] DOI: 10.1097/IGC.0000000000000912
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|  | 1. Sturgeon KM, **Dean LT,** Heroux M, Kane J, Bauer T, Palmer E, Long J, Lynch S, Jacobs LJ, Sarwer DB, Leonard M, Schmitz KH. Commercially Available Lifestyle Modification Program: Addressing Heart and Bone Health in BRCA1/2+ Breast Cancer Survivors after Risk-Reducing Salpingo-oophrectomy. Journal of Cancer Survivorship: Research and Practice. 11(2):246-255, April 2017. PMID: 27873046 PMCID: PMC5386323 DOI: 10.1007/s11764-016-0582-z
 |
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|  | 1. Ransome Y, **Dean LT,** Crawford ND, Metzger DS, Blank, MB, Nunn A. How do social capital and HIV/AIDS outcomes geographically cluster and which sociocontextual mechanisms predict differences across clusters? JAIDS. 76(1):13-22, May 2017. PMID: 28797017 PMCID: PMC5584611 DOI: 10.1097/QAI.0000000000001463
 |
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|  | 1. Sturgeon KM, Hackley R, Fornash A, **Dean LT**, Laudermilk M, Brown JC, Sarwer DB, DeMichele A, Troxel AB, Schmitz KH. Strategic recruitment of an ethnically diverse cohort of overweight breast cancer survivors with lymphedema. Cancer. 124(1):95-104, [Online first] September 2017. PMID: 28881471 DOI: 10.1002/cncr.30935
 |
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|  | 1. Wenkels R, Sturgeon K, Fornash A, **Dean LT**, Evangelista M, Zhang Z, Denlinger C, Laudermilk M, Kallan M, Brown J, Sarwer D, DeMichele A, Troxel A, Chodosh L, Schmitz KS. 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. Contemporary Clinical Trials. 61:63-72, July 2017. PMID: 28739540 DOI: 10.1016/j.cct.2017.07.017
 |
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|  | 1. **Dean LT** & Moss SL, McCarthy AM, Armstrong KA. Healthcare system distrust, physician trust, and patient discordance with adjuvant breast cancer treatment recommendations. Cancer, Epidemiology, Biomarkers and Prevention. [Online first] September 2017. PMID: 28971987 DOI: 10.1158/1055-9965.EPI-17-0479
 |
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|  | 1. \*Mann A & Swen M, Paxton RJ, **Dean LT**. Do cancer-related fatigue and physical activity vary by age for Black women with a history of breast cancer? Preventing Chronic Disease. 14:E122, November 2017. PMID: 29191261 PMCID: PMC5716813 DOI: 10.5888/pcd14.170128
 |
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|  | 1. **Dean LT,** Montgomery MC, Raifman J, Nunn A, Bertrand T, Almonte A, Chan PA. The affordability of providing STD services at a safety-net clinic. American Journal of Preventive Medicine. pii: S0749-3797(17)30748-1, January 2018. PMID: 29397280 PMCID: PMC5860994 DOI: 10.1016/j.amepre.2017.12.016
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|  | 1. Lee AJ, Montgomery MC, **Dean LT**, Patel RR, Raifman J, Chan PA. Improving insurance and healthcare systems to ensure better access to sexually transmitted disease testing and prevention. Sexually Transmitted Diseases. 45(4):283-286, April 2018. PMID: 29465707 PMCID: PMC5847409 DOI: 10.1097/OLQ.0000000000000727
 |
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|  | 1. Goodman MS, Lyon S, **Dean LT**, Arroyo-Johnson C, Hipp JA. How segregation makes us fat: Food behaviors and food environment as mediators of the relationship between residential segregation and individual BMI. Frontiers in Public Health. 6:92, March 2018. PMID: 29651414 PMCID: PMC5884945 DOI: 10.3389/fpubh.2018.00092
 |
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|  | 1. Johnson RM, Fleming CB, Cambron C, Brighthaupt SC, **Dean LT**, Guttmannova K. Race/Ethnicity Differences in Trends of Marijuana, Cigarette, and Alcohol Use Among 8th, 10th, and 12th Graders in Washington State, 2004-2016. Prevention Science. April 2018. PMID: 29633175 DOI: 10.1007/s11121-018-0899-0
 |
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|  | 1. Ransome Y, Thurber KA, Swen M, Crawford ND, German D, **Dean LT**. Social Capital and HIV/AIDS in the United States: Knowledge, Gaps, & Future Directions. Social Science & Medicine: Population Health. 30(5):73-85, May 2018. PMID: 29892697 PMCID: PMC5991916 DOI: 10.1016/j.ssmph.2018.05.007
 |
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|  | 30. **Dean LT**, Schmitz KH, Frick K, Nicholas LH, Zhang Y, Subramanian SV, Visvanathan K. Consumer credit as a novel marker for health and economic burden in a diverse population of breast cancer survivors. Journal of Cancer Survivorship. 12(3):306-315, June 2018. PMID: 29372485 PMCID: PMC5955811 DOI: 10.1007/s11764-017-0669-1 |
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|  | 31. **Dean LT**, Gehlert S, Neuhouser M, Oh A, Zanetti K, Goodman M, Thomson B, Visvanathan K & Schmitz KS. Social Factors Matter in Cancer Risk and Survivorship. Cancer Causes & Control. 29(7), 611-618, June 2018. PMID: 29846844 PMCID: PMC5999161 DOI: 10.1007/s10552-018-1043-y |
|  |  |
|  | 32. **Dean LT**, Moss SL, Ransome Y, Frasso-Jaramillo L, Zhang Y, Visvanathan K, Nicholas LH, Schmitz KH. “It Still Affects Our Economic Situation": A Mixed Methods Analysis of Long-Term Economic Burden due to Breast Cancer and Lymphedema. Journal of Supportive Care in Cancer. [Online first: https://link.springer.com/article/10.1007/s00520-018-4418-4], 19 August 2018. PMID: 30121786 DOI: 10.1007/s00520-018-4418-4 |
|  |  |
|  | 33. Knapp EA\* & **Dean LT**. Consumer credit scores as a novel tool for identifying health in urban US neighborhoods. Annals of Epidemiology. 28(10):724-729, August 2018. PMID: 30115411 DOI: https://doi.org/10.1016/j.annepidem.2018.07.013 |
|  |  |
|  | 34. Jones-Eversley S & **Dean LT**. After 121 Years, It’s Time to Recognize W.E.B. Du Bois as Founding Father of Social Epidemiology. Journal of Negro Education. 87(3):230-245, Summer 2018. https://www.jstor.org/stable/10.7709/jnegroeducation.87.issue-3 |
|  |  |
|  | 35. Spinelli B, Kallan MJ, Zhang X, Cheville A, Troxel A, Cohn J, **Dean LT**, Sturgeon K, Evangelista M, Zhang Z, Ebaugh D. Intra- and Interrater Reliability and Concurrent Validity of a New Tool for Assessment of Breast Cancer Related Lymphedema of the Upper Extremity (CLUE). Archives of Physical Medicine and Rehabilitation. [online first: https://www.archives-pmr.org/article/S0003-9993(18)31368-6/pdf], October 2018. PMID: 30291828 DOI: 10.1016/j.apmr.2018.08.185 |
|  |  |
|  | 36. **Dean LT**, Knapp EA, Snguon S, Ransome Y, Qato DM, Visvanathan K. Consumer Credit, Chronic Disease, and Risk Behaviors. Journal of Epidemiology and Community Health. [online first: https://jech.bmj.com/content/early/2018/10/15/jech-2018-211160.long], October 2018. PMID: 30322882 DOI: 10.1136/jech-2018-211160 |
|  |  |
|  | 1. **Dean LT**, Nicholas LH. Getting Credit for Your Health? Using Credit Scores to Understand Predictors and Consequences of Disease. American Journal of Public Health. 108(11):1503-1505, November 2018. PMID: 30303720 PMCID: PMC6187788 DOI: 10.2105/AJPH.2018.304705
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*Under Review* *[\* denotes mentee is first author]*

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|  | 1. Raifman J, **Dean LT,** Montgomery MC, Almonte A, Arrington-Sanders R, Stein M, Nunn AS, Chan PA. Racial and ethnic disparities in HIV pre-exposure prophylaxis awareness among men who have sex with men. [submitted: AIDS & Behavior]
 |
|  |  |
|  | 1. Cheville A, Lee M, Moynihan T, Schmitz KS, Schwartz JS, Breen M, **Dean LT**, Basford J, Therneau T. The impact of secondary arm lymphedema on health care utilization during long-term breast cancer survivorship: a population-based cohort study [submitted to: Journal of Clinical Oncology]
 |
|  |  |
|  | 1. Paxton RJ, Garner W, Logan G, **Dean LT**, Allen-Watts K. Lifestyle interventions in African American breast cancer survivors – A Focused Review. [revise & resubmit: Frontiers in Public Health]
 |
|  |  |
|  | 1. Knapp EA\*, **Dean LT**, Lazo M, Glass TA, Schwartz BS, Celentano D. A novel measure of economic insecurity in US counties as a risk factor for mortality. [submitted to: Health & Place]
 |
|  |  |
|  | 1. **Dean LT**, Moss SL, Rollinson SI, Jaramillo LF, Paxton RJ, Owczarak JT. Patient recommendations for reducing long-lasting economic burden after breast cancer. [revise & resubmit: Cancer]
 |
|  |  |
|  | 1. Knapp EA\*, Bilal U, **Dean LT**, Lazo M, Celentano DD. Rising economic insecurity is associated with “deaths of despair” in US counties. [submitted to: American Journal of Epidemiology]
 |
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|  | 1. **Dean LT**, Ransome Y, Frasso-Jaramillo LF, Moss SL, Zhang Y, Visvanathan K, Schmitz KH. Monthly out-of-pocket health expenditures for US breast cancer survivors with or without lymphedema. [in submission]
 |
|  | 1. Schmitz KH, Troxel AB, **Dean LT**, DeMichele A, Brown JC, Sturgeon K, Zhang Z, Evangelisti M, Spinelli B, Kallan MJ, Cheville A, Winkels R, Chodosh L, Schwartz JS, Sarwer DB. Exercise and weight loss among overweight breast cancer survivors with lymphedema. [submitted to: New England Journal of Medicine]
 |
|  | 1. Coughlin S, **Dean LT**. Cancer Survivorship Care Plans, Financial Toxicity, and Financial Planning: Alleviating Financial Distress among Cancer Survivors [submitted to: Journal of Supportive Care in Cancer]
 |
|  | 1. Malone J, Snguon S, **Dean LT,** Adams M,Poteat T. Breast Cancer Screening and Care among Black Sexual Minority Women: A Scoping Review of the Literature from 1990-2017 [revise & resubmit: Journal of Women’s Health]
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| *Articles, Editorials and other publications not peer reviewed* |
|  | 1. **Dean LT**, McKnight AM. Students Advocate for a Smoking Ban in Philadelphia. Pennsylvania Public Health Watch. Winter 2005 Edition, 12-14.
 |
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|  | 1. **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.
 |
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|  | 1. DiPietro J & **Dean LT**. “Diversity Matters.” Presentation developed for Johns Hopkins Bloomberg School of Public Health Diversity Advocates Network. April 2017.
 |
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| *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. |
|  |
| *Practice-Related Reports* |
|  | 1. “Tobacco Policy and Control: Policies, Systems, and Environmental Impacts & Achievements.” http://www.phila.gov/health/pdfs/commissioner/GHP\_AnnualReport\_2011\_Tobacco\_081211.pdf  |
|  | 2. “Tobacco Policy and Control Program: Making the Healthy Choice the Easy Choice.” http://www.phila.gov/health/pdfs/commissioner/2012AnnualReport\_Tobacco.pdf |
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| **PRACTICE ACTIVITIES** |
| *Presentations to policy-makers and other stakeholders* |
|  | Apr, 2011 |  | "Why do we do the things we do? Policy, Public Health and Prevention" University of Medicine and Dentistry of New Jersey, Stratford, NJ |
|  |  |  |  |
|  | May, 2011 |  | "Assessing Social Capital in Southeastern Pennsylvania"Public Health Management Corporation, Philadelphia, PA |
|  |  |  |  |
|  | Oct, 2011 |  | "Philadelphia Tobacco Control: Public Health Programming and Evaluation"Thomas Jefferson University, Philadelphia, PA |
|  |  |  |  |
|  | Feb, 2012 |  | "Get Healthy Philly", Tobacco PreventionUniversity of Pennsylvania, Philadelphia, PA |
|  |  |  |  |
|  | Mar, 2012 |  | "Get Healthy Philly", Health Policy SeminarUniversity of Pennsylvania, Philadelphia, PA |
|  |  |  |  |
|  | Dec, 2014 |  | "Lessons at the Intersection of Public Health and Education", Mayor’s Office of Education, Philadelphia, PA |
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|  | Dec, 2014 |  | "Lessons at the Intersection of Public Health and Education", Project Forward Leap Education Policy Forum: Empowering Students for Achievement, Philadelphia, PA |
|  |  |  |  |
| *Other practice activities* |
|  | 1. Lorraine T. Dean: "PDPH announces: NRT Giveaway." The Morning Show with Bill Anderson. 900AM WURD. December 2011.
 |
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|  | 1. Lorraine T. Dean: "NRT Giveaway Quit-A-Thon." Philly Speaks with E. Steven Collins. 100.3 WRNB. January 2012.
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|  |  |  |  |
|  | 1. “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/
 |  | 3. “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/ |
|  |  |  |  |
|  | 1. 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
 |  | 4. 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  |
|  |  |  |  |
|  | 1. 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
 |  | 5. 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 |
|  |  |  |  |
|  | 1. 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
 |  | 6. 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 |
|  |  |  |  |
|  | 1. 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
 |  | 7. 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 |
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|  | 1. 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>
 |  | 8. 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 |
|  |  |  |  |
|  | 1. 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/>
 |  | 8. 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 |
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|  | 1. 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>)
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|  | 1. “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>
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| *Committee Work & Organizing Roles* |
|  | 2004-2005 |  | **Representative,** BreatheFree Philadelphia  |
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|  | 2010-2012 |  | **Co-leader,** Smoke-Free Philly Coalition  |

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|  | 2018 |  | **Organizer,** Support Letter from the Sidney Kimmel Cancer Center for the Lymphedema Treatment Act  |

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**CURRICULUM VITAE**

**LORRAINE TIERA DEAN, SCD**

**PART II**

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| **TEACHING**  |  |
| *PhD Advisees, Johns Hopkins Bloomberg School of Public Health* |
|  | 2016-2018 | PhD Candidate, Epidemiology |  | Geoff Dougherty: “Race, Structural Racism and Obesity”  |
|  |  |  |  |  |
|  | 2016-2018 | PhD Candidate, Epidemiology |  | Emily Knapp: “Does Economic Insecurity Explain Weight Gain in Children? Using Electronic Health Records for Population Health” |
|  |  |  |  |  |
|  | 2017-2018 | PhD Candidate, International Health |  | Avril Kaplan: “Social Capital and Utilization of Health Services: A Study in Nagaland, India” |
|  |  |  |  |  |
|  | 2017-Present | PhD Student, Epidemiology |  | Chinenye Ugoji, BPharm, MPH  |
| *Master’s Advisees, Johns Hopkins Bloomberg School of Public Health* |
|  | 2017-2018 | MPH Candidate |  | Sevly Snguon: “Examining employment discrimination and attempted suicides in Baltimore and D.C. Trans Women of Color” |
|  |  |  |  |  |
|  | 2017-Present | ScM Candidate, General Epidemiology |  | Sarah Rollinson |
|  |  |  |  |  |
|  | 2018-Present | ScM Candidate, General Epidemiology |  | Morgane Mouslin |
|  |  |  |  |  |
| *MPH Advisees, Other Institutions* |
|  | 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 School of Public Health |  | Neh Molyneaux: “Do Smoking Cessation Programs Tailored to Specific Audiences Improve Cessation Outcomes?” |
|  |  |  |  |  |
|  | 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 Exercise/Diet Randomized Controlled Trial: Barriers & Facilitators to Recruitment” |
|  |  |  |  |  |
|  | 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” |
|  |  |  |  |  |
|  | 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.” |
|  |  |
| *Schoolwide Preliminary Oral Examination Participation – Johns Hopkins Bloomberg School of Public Health* |
|  |  |
|  | 2016 | International Health |  | Avril Kaplan |
|  |  |  |  |  |
|  | 2016 | Mental Health |  | David Fakunle |
|  |  |  |  |  |
|  | 2018 | Epidemiology |  | Adaeze Wosu |
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|  | 2018 | International Health |  | Md Zabir Hasan  |
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|  | 2018 | Health Policy & Management |  | Curtis Leung  |
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| *Schoolwide Final Oral Examination Participation – Johns Hopkins Bloomberg School of Public Health* |
|  | 2017 (alternate) | International Health |  | Hojoon Lee  |
| *Classroom Instruction* |
|  | Fall 2012, Spring 2014, Fall 2014  |  | Instructor, Methods for Public Health Practice (PENN PUBH506) |
|  | Spring 2014 |  | Instructor/Course Creator, Social Epidemiology (PENN HSOC 232) |
|  | Spring 2017 (4th Term) |  | Facilitator, Special Studies: Discourse on Race and Health (JHSPH) |
|  | Fall 2017 (2nd Term) |  | Course Co-Instructor: Foundations of Social Epidemiology (JHSPH 340.666.60) |
|  | Spring 2018 (4th Term) |  | Course Creator and Instructor: Methods for Assessing Power and Privilege in Public Health (JHSPH 340.698.01) |
| *Guest Lectures in Courses* |
|  | Fall 2016 (3rd Term) |  | “Exploring Social Factors that ‘Get Under the Skin’ for Cancer and HIV/AIDS”*Current Topics in Epidemiological Research, Department of Epidemiology* (EPI 340.860.01)Johns Hopkins Bloomberg School of Public Health, Baltimore, MD |
|  |  |  |  |
|  | Fall 2016 (4th Term)Fall 2017 (2nd Term)Spring 2018 (4th Term) |  | “Introduction to Social Determinants of Health”*Fundamentals of Epidemiology Course at Homewood* (Public Health 280.350)Johns Hopkins University Health, Baltimore, MD |
|  |  |  |  |
|  | Fall 2017 (1st Term) |  | “Race and Health”*Fundamentals of Health, Behavior and Society, Department of Health, Behavior and Society* (HBS 410.600.01)Johns Hopkins Bloomberg School of Public Health, Department of Health Behavior and Society, Baltimore, MD |
|  |  |  |  |
| **RESEARCH GRANT PARTICIPATION** |
| *Current Support* |
|  |  | *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 – 8/10/19** 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. |
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|  |  | *A Mixed-Methods Approach to Identify Barriers and Facilitators of Breast Cancer Screening and Follow-up to Screening for Black Sexual Minority Women* Role: Co-Principal Investigator (Tonia Poteat, Co-PI), 1% Effort, $41,710 Johns Hopkins Bloomberg School of Public Health Faculty Innovation Fund, **7/1/17-6/30/18**  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. |
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|  |  | *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), 10% Effort (in-kind; no salary support), $248,587 Centers for Disease Control Grant#: U01 DP006296, **9/30/2017 – 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. |
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|  |  | *Predicting the impact of cost on HIV pre-exposure prophylaxis uptake and racial/ethnic disparities among men who have sex with men* Role: Co-Principal Investigator, 25% effort, $47,706 Agency: NIH/ National Institute for Allergy and Infectious Diseases (NIAID), Grant# R21NR018387/PA-17-103 (R21), **7/1/18-6/30/20**Despite being a commonly reported barrier to care, little is known about the impact of out-of-pocket costs on PrEP uptake. We propose a mixed methods and modeling study to 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. |

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|  |  | *Predicting the impact of cost on HIV pre-exposure prophylaxis uptake and racial/ethnic disparities among men who have sex with men* Role: Co-Principal Investigator, 25% effort, $47,706 Agency: NIH/ National Institute for Allergy and Infectious Diseases (NIAID), Grant# R21NR018387/PA-17-103 (R21), **7/1/18-6/30/20**Despite being a commonly reported barrier to care, little is known about the impact of out-of-pocket costs on PrEP uptake. We propose a mixed methods and modeling study to 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. |

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| *Predicting the impact of cost on HIV pre-exposure prophylaxis uptake and racial/ethnic disparities among men who have sex with men* Role: Co-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**Despite being a commonly reported barrier to care, little is known about the impact of out-of-pocket costs on PrEP uptake. We propose a mixed methods and modeling study to 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. |

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| *Past Support* |
|  |  | *William J. Fulbright Grant*Role: Principal Investigator, 100% effort, $16,000Agency: International Institute of Education, **9/2005-8/2006**The William J. Fulbright program sponsored Dr. Dean’s independent research in Venezuela to understand women’s perceptions of self-breast exams. |
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|  |  | *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. |
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|  |  | *Dana Farber Cancer Institute Cancer Prevention Fellowship* Role: Student Fellow (Glorian Sorensen, PI), 100% Effort, $21,000/annual direct costsAgency: 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. |
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|  |  | *Ruth L. Kirschstein (F31) National Research Service Award*Role: Principal Investigator, 100% effort, $42,688/annual direct costsAgency: 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. |
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|  |  | *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 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). |
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| *Pending Support* |
|  |  | *ECHODAC (Environmental Influences on Child Health Outcomes Data Analysis Center)*Role: Co-Investigator (Jacobson, PI), 20% effort (Years 4 & 5), $10,131,550 |
|  |  | 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. |
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|  |  | *ACTIVE Cognitive Training Trial: 20-Yr Follow-up of Functioning, Health, and Dementia* |
|  |  | Role: Co-Investigator (Willis, Rebok PIs), 5% effort (Years 3& 4), $120,465Agency: 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. |
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|  |  | *Johns Hopkins Center for Health Disparities Solutions – Why Place Maters (Project 03)*Role: Co-Investigator (Gaskin, PI); 10% effort (Year 3); 14% effort (Years 4 & 5), $912,372Agency: 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. |
|  |  | *Assessing Gaps in HIV Pre-Exposure Prophylaxis (PrEP) Initiation and Retention using Pharmacy Claims Data* Role: Co-Principal Investigator, 16% effort, $175,487 Agency: NIH/ National Institute for Allergy and Infectious Diseases (NIAID), Grant# R21NR018387/PA-18-271 (R21), **4/1/19-8/31/21**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.**This received a priority score of 15 and is awaiting council review.** |

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| **ACADEMIC SERVICE** |
| *Department of Epidemiology* |
|  | 2016 - Present |  | Comprehensive Examination, Proctor |
|  | 2016 - Present |  | Diversity Advocate |
|  | 2016 - Present |  | Faculty Sponsor, Social Epidemiology Student Organization |
|  | 2017 - Present |  | Co-Founder, Epidemiology Inclusion, Diversity, Equity and Science (EPI IDEAS) Workgroup |
|  | 2018 |  | Epidemiology Centennial Symposium Session Co-leader |
| *Schoolwide* |
|  | 2016 - Present |  | Diversity Advocate Network, Johns Hopkins Bloomberg School of Public Health |
|  | 2017 - Present |  | Member, Health Behavior Society Chair Search Committee |
|  | 2018 - Present |  | Member, JHSPH Strategic Plan Committee |
|  | 2018 - Present |  | Co-leader, ECHO SEP Working Group |
| *University-Wide* |
|  | 2018 - Present |  | Member, Diversity, Equity & Inclusion Pedagogy Working Group  |
|  |
| **PRESENTATIONS** |
| *Scientific Meetings [\* denotes author in training]* |
|  | 1. 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.
 |
|  |  |
|  | 1. 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.
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|  | 1. 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.
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|  | 1. 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.
 |
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|  | 1. 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.
 |
|  |  |
|  | 1. **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.
 |
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|  | 1. **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.
 |
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|  | 1. **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.
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|  | 1. **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.
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|  | 1. 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.
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|  | 1. 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.
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|  | 1. 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.
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|  | 1. **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.
 |
|  | 1. **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.
 |
|  | 1. **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.
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|  | 1. 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.
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|  | 1. **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.
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|  | 1. 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.
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|  | 1. **\***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.
 |
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|  | 1. **\***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.
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|  | 1. **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.
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|  | 1. \*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.
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|  | 1. \*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.
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|  | 1. \*Knapp E & **Dean LT**. Neighborhood credit score as a novel measure for individual obesity risk. Podium Presentation. The Obesity Society, Washington DC. November 2017. Top Abstract TOS Epidemiology & Population Health Section Student and Trainee Poster Competition. 2nd Place Winner in the TOS Lightning Talks.
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|  | 1. **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.
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|  | 1. **Dean LT**. Consumer Credit as a Novel SEP Indicator. Podium Presentation & Symposium Co-Chair. Society for Epidemiologic Research, Baltimore, MD. June 2018.
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|  | 1. 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.
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| *Invited Seminars* |
|  | Apr, 2011 |  | "Why do we do the things we do? Policy, Public Health and Prevention" University of Medicine and Dentistry of New Jersey, Stratford, NJ |
|  | May, 2011 |  | "Assessing Social Capital in Southeastern Pennsylvania"Public Health Management Corporation, Philadelphia, PA |
|  | Oct, 2011 |  | "Philadelphia Tobacco Control: Public Health Programming and Evaluation"Thomas Jefferson University, Philadelphia, PA |
|  | Feb, 2012 |  | "Get Healthy Philly", Tobacco PreventionUniversity of Pennsylvania, Philadelphia, PA |
|  | Mar, 2012 |  | "Get Healthy Philly", Health Policy SeminarUniversity of Pennsylvania, Philadelphia, PA |
|  | Oct, 2013 |  | "Does Residential Segregation Hurt or Help the Health of African-Americans?" Northwestern University Department of Psychiatry, Chicago, IL |
|  | Nov, 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 |
|  | Dec, 2013 |  | "Race, Place, and Distrust as Determinants of Cancer Treatment and Survivorship" American Cancer Society Epidemiology Division, Atlanta, GA |
|  | Oct, 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  |
|  | Oct, 2014 |  | "Racial/Ethnic Disparities in the Adverse Effects of Breast Cancer Treatment", Washington University in St. Louis, St. Louis, MO |
|  | Nov, 2014 |  | "Methods for Exploring and Addressing the Social Determinants of Cancer Survivorship" Harvard School of Public Health, Boston, MA |
|  | Dec, 2014 |  | "Lessons at the Intersection of Public Health and Education", Project Forward Leap Education Policy Forum: Empowering Students for Achievement, Philadelphia, PA |
|  | Dec, 2014 |  | "Lessons at the Intersection of Public Health and Education", Mayor’s Office of Education, Philadelphia, PA |
|  | Dec, 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 |
|  | Jan, 2015 |  | "Social Determinants of Cancer Disparities: From Screening to Survivorship"Johns Hopkins Bloomberg School of Public Health, Baltimore, MD |
|  | Mar, 2015 |  | "Social Determinants of Cancer Disparities: From Screening to Survivorship"Rollins School of Public Health at Emory University, Atlanta, GA |
|  | Aug, 2015 |  | "Race or Resource? Social Determinants of Cancer Screening and Survivorship"Huntsman Cancer Institute, Salt Lake City, UT |
|  | Oct, 2015 |  | "Race or Resource? Social Determinants of Cancer Screening and Survivorship"Case Western Reserve University, School of Medicine, Cleveland, OH |
|  | Nov, 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 |
|  | March, 2016 |  | “Update on Project 3: Breast Cancer-Related Lymphedema: Cost of Illness and Cost Effectiveness of Alternative Management Strategies” National Cancer Institute, Rockville, MD |
|  | Sept, 2016 |  | “Exploring Social Factors that ‘Get Under the Skin’ for Cancer and HIV/AIDS”Epidemiology Seminar Series, Department of EpidemiologyJohns Hopkins Bloomberg School of Public Health, Baltimore, MD |
|  | Oct, 2016 |  | “Assessing Economic Burden of MSM in the MACS”CFAR Social and Behavioral Sciences Research Network (SBSRN) “Mentoring the Next Generation” Workshop, Miami FL |
|  | Nov, 2016 |  | “Introduction to Social Determinants of Health”Fundamentals of Epidemiology Course at HomewoodJohns Hopkins University, Baltimore, MD |
|  | Dec, 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 |
|  | Dec, 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 |
|  | Feb, 2017 |  | “Social Capital and Health”NYU Abu Dhabi University & College, New York University, United Arab Emirates |
|  | Feb, 2017 |  | “Social Factors that ‘Get Under the Skin’ for Cancer Screening & Survivorship”Drexel University Dornsife School of Public Health, Philadelphia, PA |
|  | Mar, 2017 |  | “Social & Economic Factors that ‘Get Under the Skin’ for Breast Cancer Screening & Survivorship”Fred Hutchinson Cancer Center, Seattle, WA |
|  | Sep, 2017 |  | “Race and Health”Johns Hopkins Bloomberg School of Public Health, Department of Health Behavior and Society, Baltimore, MD |
|  | Nov, 2017 |  | “Introduction to Social Determinants of Health”Fundamentals of Epidemiology Course at HomewoodJohns Hopkins University, Baltimore, MD |
|  | Nov, 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 |
|  | Feb, 2018 |  | “Multi-level Social and Economic Determinants of Chronic Disease”Health Equity Jam Session, Johns Hopkins Center for Health Equity, Baltimore, MD |
|  | Feb, 2019 |  | “TBD”Cancer Control & Population Health seminar, University of Virginia Cancer Center, Charlottesville, VA  |
|  | Feb, 2019 |  | SOURCE Service-Learning Expert Teaching PanelJohns Hopkins Bloomberg School of Public Health, Student Outreach Resource Center, Baltimore, MD |
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**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 disparities in chronic disease risk and outcomes. Methodologically, I use quantitative (longitudinal analysis, multi-level modeling, GIS, propensity scores) and qualitative methods to explore how area-level and individual-level socioeconomic factors influence health disparities in cancer and HIV and associated long-term economic burden of the diseases. My expertise in working with hundreds of diverse chronic disease patients is rooted in my academic work, but has also extends beyond that. The public health impact of my work is highlighted in citations in major media outlets including *Forbes*, and the *Chicago Tribune*. My earliest work was as part of the team conducting mixed methods research to identify the constructs of healthcare system distrust that are relevant for underrepresented minorities. Since then, I have been PI on a Ruth Kirchstein National Research Service Award (NIH F31) to explore the relative contribution of contextual- and individual-level determinants of cancer screening for African-Americans, PI on a Fulbright Grant to explore women’s perceptions of self-breast exams in Venezuela, and am currently PI on a K01 observational study exploring social and economic disparities in breast cancer survivorship outcomes for breast cancer survivors and co-PI on a Faculty Innovation Fund study exploring cancer screening perceptions among Black sexual minority women. I have developed several HIV-related projects that parallel my work on economic burden and cancer: in 2016, I was awarded a Center for AIDS Research pilot grant to conduct a longitudinal analysis of economic burden among men who have sex with men (MSM) in the Multi-Center AIDS Cohort Study. More recently, I am co-PI on two NIH R21s that focus on understanding the optimal costs at which patients would uptake HIV pre-exposure prophylaxis and another which uses pharmaceutical claims data to assess the extent to which patients fail to fill HIV pre-exposure prophylaxis prescriptions due to cost. 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 me with tools to translate my research into 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 adverse effects of breast cancer. Together, my research portfolio lays a foundation for research that identifies and intervenes on economic barriers to healthcare for individuals and populations through policies and programs.

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