

# Curriculum Vitae

## LORRAINE TIERA DEAN, SCD

<b>Personal</b>	Office	Department of Epidemiology Johns Hopkins Bloomberg School of Public Health 615 N Wolfe St E6650 Baltimore, MD 21205 USA
<b>Education</b>	2003 BA	<b>University of Pennsylvania</b> Major: Biological Basis of Behavior
	2010 ScD	<b>Harvard School of Public Health</b> Majors: Social Epidemiology; Social and Behavioral Research Methods Minor: Health Disparities Dissertation Focus: Macro- and micro-level determinants of cancer screening behaviors
<b>Faculty Appointments</b>	2013-2015	<b>Instructor</b> , University of Pennsylvania School of Medicine, Department of Biostatistics and Epidemiology
	2016-present	<b>Assistant Professor</b> , Johns Hopkins Bloomberg School of Public Health, Department of Epidemiology <b>Joint Appointment</b> , Johns Hopkins Medicine Department of Oncology, Sidney Kimmel Cancer Center <b>Joint Appointment</b> , Johns Hopkins Bloomberg School of Public Health, Department of Health Policy and Management
<b>Other Appointments</b>	2001-2002	<b>Research Assistant</b> , University of Pennsylvania Department of General Internal Medicine
	2003-2004	<b>Research Consultant</b> , John Templeton Foundation
	2003-2004	<b>Assistant Project Manager</b> , Philadelphia Veterans Affairs Medical Center
	2004-2005	<b>Assistant Project Manager</b> , University of Pennsylvania Department of General Internal Medicine
	2006-2009	<b>Research and Evaluation Consultant</b> , Goodman Research Group, Incorporated
	2009-2010	<b>Research Analyst</b> , Urban Affairs Coalition
	2010-2012	<b>Tobacco Policy &amp; Control Manager</b> , Philadelphia Department of Public Health
	2010-2013	<b>Adjunct Fellow</b> , University of Pennsylvania Center for Public Health Initiatives, University of Pennsylvania

2011-2012	<b>Adjunct Fellow/Guest Lecturer</b> , Drexel University School of Public Health
2012-2014	<b>Manager</b> , WISER Survivor Study, University of Pennsylvania Trans-disciplinary Research on Energetics and Cancer (TREC) Center
2013-2015	<b>Associate Fellow</b> , Center for Public Health Initiatives
2013-2015	<b>Fellow</b> , Leonard Davis Institute of Health Economics
2017-Present	<b>Member</b> , Johns Hopkins Center for Health Disparities Solutions
2017-Present	<b>Fellow</b> , Brown University Clinical and Community-Based HIV/AIDS Research Training (CCRT) Fellowship
2017-Present	<b>Fellow</b> , SOURCE Service-Learning Faculty Fellows Program

#### **Awards, Honors and Membership in Honorary Societies:**

2002	<b>Summer Undergraduate Minority Research Scholar</b> , Leonard Davis Institute of Health Economics
2003	<b>Member</b> , Onyx Senior Honor Society
2005-2006	<b>Grantee</b> , William J. Fulbright Program
2006-2008	Biostatistics Department's Initiative for Maximizing Student <b>Diversity Fellowship</b> , Harvard School of Public Health
2006	<b>Selectee</b> , UNESCO Quality of Life Education Grant Selectee
2008	<b>Grantee</b> , Pre-Doctoral Cancer Prevention Fellowship, HSPH/Dana Farber Cancer Institute Fellowship
2008-2010	<b>Grantee</b> , Ruth L. Kirschstein F31 National Research Service Award (NIH)
2009	John Piersol McCaskey Distinguished Alumni Award
2013	<b>Grantee</b> , National Institutes of Health Loan Repayment Program
2015	<b>Invited Fellow</b> , Professional Development and Mock Review Workshop, NCI/Center to Reduce Cancer Health Disparities
2015	<b>Selectee</b> , Molecular Prevention Course, National Cancer Institute
2015	<b>Outstanding Investigator Award</b> , Susan G. Komen
2015	<b>Community Impact Award</b> , Delta Sigma Theta Sorority, Inc Lancaster Alumni Chapter
2016	NCI National Minority Health Month Spotlight: Career Development <a href="http://www.cancer.gov/about-nci/organization/crchd/blog/2016/nmhm-2016">http://www.cancer.gov/about-nci/organization/crchd/blog/2016/nmhm-2016</a> .
2016	<b>Selected Participant</b> , CFAR Social and Behavioral Sciences Research Network (SBSRN) "Mentoring the Next Generation" Workshop, Miami FL
2017	<b>Faculty Innovation Fund Awardee</b> , Johns Hopkins Bloomberg School of Public Health
2018	<b>Golden Apple Award for Excellence in Teaching</b> , Johns Hopkins Bloomberg School of Public Health

#### **Memberships in Professional and Scientific Societies and Other Professional Activities:**

##### *International*

2014-2015	<b>Member</b> , Society for Medical Decision Making
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<i>National</i>	2016-Present	<b>Board of Directors</b> , Nyandarua Cancer Center, Kenya, Africa
	2005-Present	<b>Member</b> , American Public Health Association
	2013-Present	<b>Member</b> , American Association for Cancer Research
	2014-Present	<b>Member</b> , Robert Wood Johnson New Connections Network
	2015-2016	<b>Member</b> , The Obesity Society, Obesity & Cancer Section
	2016-Present	<b>Member</b> , Center for AIDS Research Social and Behavioral Sciences Research Network
	2017-Present	<b>Reviewer</b> , American Institute of Biological Sciences Scientific Peer Advisory and Review Services
	2017-Present	<b>Member</b> , Society for Epidemiologic Research
	2018-Present	<b>NIH Early Career Reviewer</b> , Center for Scientific Review, National Institutes of Health
<i>Local</i>	2018-Present	<b>Member</b> , Society of Behavioral Medicine
	2006-2007	<b>Graduate Student Liaison</b> , Harvard Black Student Health Association
	2006-2009	<b>Member</b> , Harvard School of Public Health Africa Health Forum
	2007-2009	<b>Member</b> , Harvard Black Student Health Organization
	2007-2009	<b>Member</b> , Interdisciplinary Consortium on Urban Planning and Public Health
	2014-2016	<b>MPH Community Advisory Board</b> , Thomas Jefferson University
	2014-2016	<b>Board of Directors</b> , American Cancer Society, East Central Division
	2015-2016	<b>Chair of Academic Counsel Committee</b> , Project Forward Leap
	2015-2016	<b>Community-Academic Advisory Board</b> , American Cancer Society Grant (#10-243-01): Problems and Resources of African American Breast Cancer Survivors

### Editorial Appointments

	2008-Present	Academic peer reviewer, Social Science and Medicine
	2008-Present	Academic peer reviewer, Journal of Health Psychology
	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, Journal of Supportive Care in Cancer
	2016-Present	Academic peer reviewer, JAMA Oncology
	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, American Journal of Epidemiology
	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
<b>Committees</b>		
	2004-2005	<b>Representative</b> , BreatheFree Philadelphia
	2010-2012	<b>Co-leader</b> , Smoke-Free Philly Coalition
	2012-2015	<b>Member</b> , Trans-disciplinary Research on Energetics and Cancer (TREC) Disparities Workgroup
	2012-2015	<b>Trainee</b> , Trans-disciplinary Research on Energetics and Cancer
	2013-2017	<b>Co-leader</b> , Trans-disciplinary Research on Energetics and Cancer (TREC) Disparities Workgroup Subcommittee, GIS and Social Determinants
	2016-2017	<b>Steering Committee Member</b> , Trans-disciplinary Research on Energetics and Cancer (TREC) Steering Committee
	2016-2018	<b>Co-leader</b> , Trans-disciplinary Research on Energetics and Cancer (TREC) Disparities Workgroup
	2016-Present	<b>Member</b> , Diversity Advocacy Network, Johns Hopkins Bloomberg School of Public Health
	2017-Present	<b>Co-Chair</b> , Epidemiology Department Equity, Diversity, and Inclusion and Science (Epi IDEAS) Workgroup
	2016-Present	<b>Member</b> , Hopkins Center for Health Disparities Solutions, Johns Hopkins Bloomberg School of Public Health
	2018	<b>Chair Search Committee Member</b> , Department of Health Behavior and Society, Johns Hopkins Bloomberg School of Public Health
	2018	<b>Strategic Plan Committee Member</b> , Johns Hopkins Bloomberg School of Public Health

### Major Academic and Clinical Teaching Responsibilities

Fall 2012,	<b>Instructor, Methods for Public Health Practice (PENN</b>
Spring 2014	<b>PUBH506)</b>
Fall 2014	This course provides students with a foundation in practice methods in public health, based on the core competencies for public health practice. The course is framed around skills-building assignments in practice methods competencies, with a focus on analytic/assessment skills, policy development/program planning skills; communication skills, and management and leadership skills. Topics covered include identification of the range of factors that contribute to health and health disparities, assessment of community/population level health, introduction to both quantitative and qualitative data collection methods, working with communities, methods for developing and facilitating solutions to public health problems, including concepts of advocacy and policy formation and development of interventions. The course relies on examples and discussion from interventions that reach broader segments of society and require less individual effort. Several of the examples are used from the Get Healthy Philly

initiative of the Philadelphia Department of Public Health. Course assignments are designed to add practical examples to students' public health career portfolio.

Spring 2014

**Instructor/Course Creator, Social Epidemiology (PENN HSOC 232)**

This course gives students the skills to explore and assess complex health challenges that are seen in popular media and public discourse by examining such factors as healthcare access, social inequality, racism and discrimination, and trust and social capital. Using readings, videos and interactive discussions with a focus on emergent health issues, this course equips students to diagnose and interpret underlying reasons for poor health using social epidemiological tools, and to consider practical interventions to address those fundamental causes of illness.

Spring 2017

**Facilitator, Special Studies: Discourse on Race and Health**

This is a discussion-based course, with faculty-facilitated student-led discussions based on readings from journal articles, and published print and visual media. Topics covered include: Differences in Worldviews and Health Philosophies; White Supremacy; The Prison Industrial Complex; Public Health and Public Assistance Programs as Policing; Immigration and Health; Culture, Racism and Sexual and Reproductive Health; Sexuality and Gender Identity; The Intersection of Food Policy, Nutrition, Obesity, and Race.

Fall 2017

**Course Co-Instructor: Foundations of Social Epidemiology (JHSPH 340.666.60)**

This graduate-level social epidemiology course equips students with the fundamentals of social epidemiology: how it arose as a field, what social factors are studied, and methodological challenges to study social factors with an epidemiology lens. Course content is organized by social factor, and interactive in-class activities and assignments focus on building speaking, writing, and presentation skills that will have value to students beyond the classroom.

Spring 2018

**Course Creator and Instructor: Methods for Assessing Power and Privilege in Public Health (JHSPH 340.698.01)**

This graduate-level discusses emergent health issues and how the choice of measures for power, privilege, and inequality influence results in epidemiological research. Through interactive and self-reflection activities, the content challenges students to reflect on how their own positions of privilege influence their interpretation of data and public health practice. As the only service-learning course in the Epidemiology Department, it provides an opportunity for students to

work alongside a community-based partner organization to develop and execute a data-driven project on a real-world health problem.

### Guest Lectures and Presentations

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 Prevention University of Pennsylvania, Philadelphia, PA
Mar, 2012	"Get Healthy Philly", Health Policy Seminar University 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"

- Mar, 2015 Johns Hopkins Bloomberg School of Public Health, Baltimore, MD  
"Social Determinants of Cancer Disparities: From Screening to Survivorship"
- Aug, 2015 Rollins School of Public Health at Emory University, Atlanta, GA  
"Race or Resource? Social Determinants of Cancer Screening and Survivorship"
- Oct, 2015 Huntsman Cancer Institute, Salt Lake City, UT  
"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 Epidemiology Johns 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 Homewood Johns 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 Homewood Johns 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

### **Current Support**

#### *Social Determinants of Breast Cancer Survivorship*

Role: Principal Investigator, 90% Effort, \$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.

#### *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.

### **Past Support**

#### *William J. Fulbright Grant*

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

Agency: 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.

#### *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.

#### *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.

#### *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.

#### *Health Disparities Loan Repayment Program (LRP)*

Role: Principal Investigator, \$9,097/annual direct costs (This grant does not provide salary support)

Agency: National Institutes of Health (NIH), **10/2013-9/2015**

#### *Penn TREC Survivor Center*

Role: Project Manager (Kathryn Schmitz, PI), 100% Effort (ending 7/30/14), \$1,319,525/annual direct costs

Agency: NIH/ National Cancer Institute (NCI), Grant #: U54-CA155850, **6/2011-5/2016**

The primary goal of the Penn TREC Survivor Center is to leverage the considerable strengths of Penn scientists and clinicians to accelerate capacity to address obesity related challenges in cancer survivors, as well as disseminate those findings to improve outcomes for survivors.

*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, **1/1/17 – 4/30/17**

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).

## Bibliography

### Research Publications, peer reviewed

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
2. 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
3. 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
4. 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
5. 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

6. 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
7. 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
8. **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
9. **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
10. **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
11. 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
12. **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
13. **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

14. **Dean LT**, Kumar A, Kim T, Herling M, Brown J, Zhang Z, Evangelisti M, Hackley R, Kim J, Chevillat 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
15. **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
16. 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
17. 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
18. 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 Gynecological Cancer. 27(3):581-587, March 2017. PMID: 28187092 PMCID: PMC5539959 [Available on 2018-03-01] DOI: 10.1097/IGC.0000000000000912
19. 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-oophorectomy. Journal of Cancer Survivorship: Research and Practice. 11(2):246-255, April 2017. PMID: 27873046 PMCID: PMC5386323 DOI: 10.1007/s11764-016-0582-z.
20. 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
21. Sturgeon KM, Hackley R, Fornash A, **Dean LT**, Lauder milk 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
22. 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
23. **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. 26(12):1745-1752, December 2017. PMID: 28971987 DOI: 10.1158/1055-9965.EPI-17-0479
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#### **Selected Other Works**

1. **Dean LT**, McKnight AM. Students Advocate for a Smoking Ban in Philadelphia. Pennsylvania Public Health Watch. Winter 2005 Edition, 12-14.
2. **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.
3. DiPietro J & **Dean LT**. "Diversity Matters." Presentation developed for Johns Hopkins Bloomberg School of Public Health Diversity Advocacy Network. April 2017.

#### **Conference Abstracts and Presentations**

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.
2. 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.
3. 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.

4. 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.
5. 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.
6. **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.
7. **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.
8. **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.
9. **Dean LT**, Mitchell J, Rebbeck T, Gehlert S, Schmitz, K.: 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.
10. 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.
11. 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.

12. 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.
13. **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.
14. **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.
15. **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.
15. 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.
16. **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.
17. 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.
18. Moss S, Zhang Y, **Dean LT** [mentee is first author]. 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.
19. Swen M & Mann A, Paxton RJ, **Dean LT** [mentees are joint first authors]. 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.

20. **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.
21. Knapp E & **Dean LT** [mentee is first author]. Are credit scores associated with diabetes prevalence and risk factors? Poster Presentation. Society for Epidemiologic Research Annual Meeting (SER), Seattle, WA. June 2017.
22. Dougherty GB, **Dean LT** [mentee is first author]. Using theory to define a computationally tractable specification space in confirmatory factor modeling. Podium Presentation. Stata Conference, Baltimore, MD. July 2017.
23. Knapp E & **Dean LT** [mentee is first author]. 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. 2<sup>nd</sup> Place Winner in the TOS Lightning Talks.
24. **Dean LT**. Consumer Credit as a Novel SEP Indicator. Podium Presentation Co-Chair. Society for Epidemiologic Research, Baltimore, MD. June 2018.
25. **Dean LT**, Ransome Y, Jaramillo LF, Zhang Y, Frick D, Nicholas LH, Subramanian SV, Visvanathan K, Schmitz KH. "It Does Add Up, Even with Insurance": A Mixed Methods Study of Long-Term Out-of-Pocket Costs due to Breast Cancer and Lymphedema". Podium Presentation. 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA. April 2018.
26. **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.

### **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.

### **Media Coverage**

1. Lorraine T. Dean: "PDPH announces: NRT Giveaway." The Morning Show with Bill Anderson. 900AM WURD. December 2011.

2. Lorraine T. Dean: "NRT Giveaway Quit-A-Thon." Philly Speaks with E. Steven Collins. 100.3 WRNB. January 2012.
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/>
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>
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>
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>

### **Evidence of Public Health Impact**

1. "Tobacco Policy and Control: Policies, Systems, and Environmental Impacts & Achievements."  
[http://www.phila.gov/health/pdfs/commissioner/GHP\\_AnnualReport\\_2011\\_Tobacco\\_081211.pdf](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."  
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