

Dejana Braithwaite, PhD, MSc, FRS (Med)

curriculum vitae

Associate Director for Cancer Population Sciences, Professor of Surgery and Epidemiology, College of Medicine, University of Florida, 2004 Mowry Rd, PO Box 100107, Gainesville, FL 32603; cell: 415/216 5093; Email: dbraithwaite@ufl.edu; h-index: 44; ~13,000 citations; www.linkedin.com/in/dejana-braithwaite-3101926/

SELECTED DISTINCTIONS

- Track record of executive leadership, entrepreneurship, and innovation in academic population-based and biomedical research. Appointed to conduct Strategic Planning, Research, Research Administration and Management. Leader in cancer prevention and control science, with a demonstrated history of peer-reviewed funding and over 130 scientific publications.
- Associate Director for Population Sciences at the National Cancer Institute and state-funded University of Florida Health Cancer Center and the top five public universities in the US, overseeing research in cancer prevention and control. Also, supervise recruitment and training efforts.
- Research featured in top journals, including Nature Medicine, Lancet, Lancet Oncology, JAMA Oncology.

ACADEMIC APPOINTMENTS

Associate Director for Population Sciences, University of Florida Health Cancer Center (2020-present)
Professor, Department of Surgery, College of Medicine, University of Florida (2022-present)
Affiliated Professor, Department of Epidemiology, College of Public Health, University of Florida (2020-present)
Co-Director, Cancer Control and Population Sciences Research Program, University of Florida (2021-present)
Associate Professor, Department of Oncology, Georgetown University (2017-2020)
Chair, Internal Grant Reviews Committee, Office of Associate Dean for Faculty Development (2018-2020)
Director, Cancer Screening Group, Georgetown University Cancer Center (2017-2020)
Associate Professor, Department of Epidemiology and Biostatistics, UC San Francisco (2013-2017)
Assistant Professor, Department of Epidemiology and Biostatistics, UC San Francisco (2007-2013)

EDUCATION AND TRAINING

- Mentored Training in Integrative Molecular Epidemiology, American Association for Cancer Research (2012)
- Postdoctoral Fellowship in Cancer Epidemiology, Helen Diller Family Comprehensive Cancer Center, University of California, San Francisco (2004-2007)
- Cancer Prevention Fellow, Prevent Cancer Foundation (2006-2008)
- Ph.D., Epidemiology and Public Health, Institute of Public Health, Faculty of Clinical Medicine, University of Cambridge, UK (2000-2004); Dissertation: "*Development and Validation of a Computerized Risk Assessment Tool for Breast Cancer Prevention*"
- Master of Science of Public Health, University College London, UK (1998-1999)
- Bachelor of Science, Psychology/ Biology, London Guildhall University, UK (1995-1998)

AWARDS AND HONORS

- **Executive Leadership Program for Academics and Professionals** (H.E.R.S.; 2023-2024)
- Outstanding Reviewer Recognition, Annals of Internal Medicine (2023)
- Leadership Council, Self-Made Health Network/CDC Disparities Network (2023-present)
- Medical Advisory Board, Prevent Cancer Foundation (2021-present)
- Expert Panel, American Thoracic Society Assembly on Thoracic Oncology (2017)
- Program Director, Screening and Early Detection Area of Concentration, UC San Francisco (2017-2020)
- Elected into the Royal Society of Medicine (UK; 2017)
- Expert Panel, National Academy of Sciences, Institute of Medicine, National Cancer Policy Forum (2015)
- **Susan Komen Foundation Career Catalyst Award** (2011-2014)
- **American Cancer Society Mentored Research Scholar Award** (2012-2017)
- Faculty Research Excellence Award, Center of Excellence in Women's Health, UC San Francisco, (2011)
- American Society for Preventive Oncology Board of Directors (2010-2014)
- Faculty Research Excellence Award, Academic Senate, UC San Francisco (2010)
- Faculty Research Excellence Award, UC-San Francisco Society of Hellman Fellows, Office of Executive Vice Chancellor & Provost (2009)
- **Cancer Prevention Research Fellowship, Prevent Cancer Foundation** (2007-2009)
- California Breast Cancer Research Program Postdoctoral Fellowship (2007-2009; declined)
- Scholar-in-Training Award, American Association for Cancer Research (2003)
- Predoctoral Fellowship Cancer Research UK (2000-2004)

KEY ACCOMPLISHMENTS AS ASSOCIATE DIRECTOR FOR POPULATION SCIENCE

- Oversee all processes and procedures connected to cancer population science affairs at the University of Florida Health Cancer Center; support recruitment of new faculty in cancer population sciences; support the development of shared resources to accelerate research development, and the development of training programs for pre- and postdoctoral students.
- Doubled the NCI portfolio of the Cancer Control and Population Sciences Research Program by strategically providing faculty with grant writing assistance
- Developed faculty workshops on key aspects of grant writing and management including basic budgeting, effort reporting, broader impacts, and building interdisciplinary teams.
- Enhanced research development infrastructure through Idea Labs and Mock Study Section initiatives; serving as an advisor and member of the University of Florida College of Medicine Research Development initiative (R01 Boot Camp Program) and the University of Florida Institute on Aging Executive Committee.
- Serve as the University of Florida representative to the Centers for Disease Control/ Self-Made Health Network, whose goal is to advance the prevention of commercial tobacco use and cancer in populations experiencing tobacco- and cancer-related health disparities.
- Restructured the Cancer Control and Population Sciences Program: Phase 1 in Winter of 2020, Phase 2 beginning in Fall 2023
- Created, developed, and implemented the Florida advisory committee on community education regarding lung cancer screening, with stakeholders from the three major Cancer Centers in Florida, beginning in Summer 2023
- Stepped into the role of Co-Director of the Cancer Control and Population Sciences Program and made improvements to the systems that were previously in place (January 2020-present) and assumed responsibility for monthly Cancer Control and Population Sciences meetings
- Ensured equitable access to opportunities and professional development in cancer population sciences

RESEARCH DEVELOPMENT ACTIVITIES

- Supported strategic capacity-building efforts to secure external funding for research initiatives across the Georgetown University Medical Center by engaging the entire research ecosystem
- Developed initiatives to enhance the research portfolio, from early-stage ideas (idea lab) to mock study sections
- Supported multidisciplinary efforts to grow cancer screening research across Georgetown University and its academic partner, the Hackensack University Medical Center
- Expanded research portfolio in key priority areas to improve cervical, lung, and breast cancer screening outcomes in diverse populations in the US and low- and middle-income countries
- Served as a “think tank” dedicated to translating major new paradigms into large-scale projects to reduce the burden of screening-related cancers.

PUBLICATIONS (total 132 as of August 2023; graduate students and postdocs in italics)

1. *Yang D, Wheeler M, Karanth SD, Aduse-Poku L, Leeuwenburgh C, Anton S, Guo Y, Bian J, Liang M, Yoon HS, Akinyemiju T, Braithwaite D, Zhang D.* Allostatic load and risk of all-cause, cancer-specific, and cardiovascular mortality in older cancer survivors: an analysis of the National Health and Nutrition Examination Survey 1999-2010. *Aging Cancer.* 2023 Jun;4(2):74-84. doi: 10.1002/aac2.12064. Epub 2023 May 15. PMID: 37576467.
2. *Washington CJ, Braithwaite D.* Creating Opportunities to Eliminate Disparities in Lung Cancer Outcomes: A Call for Diverse Study Populations. Comment on Kohan et al. Disparity and Diversity in NSCLC Imaging and Genomics: Evaluation of a Mature, Multicenter Database. *Cancers* 2023, 15, 2096. *Cancers (Basel).* 2023 Jul 25;15(15):3762. doi: 10.3390/cancers15153762. PMID: 37568577.
3. Smotherman C, Sprague B, Datta S, **Braithwaite D**, Qin H, Yaghjian L. Association of air pollution with postmenopausal breast cancer risk in UK Biobank. *Breast Cancer Res.* 2023 Jul 13;25(1):83. doi: 10.1186/s13058-023-01681-w. PMID: 37443054.
4. Wang R, LeLaurin J, Carrier A, Churba B, *Karanth S, Yoon HS, Braithwaite D, Salloum RG, Hong YR.* Trends and factors associated with secondhand smoke exposure among US cancer survivors, 2013-2020. *Cancer.* 2023 May 31. doi: 10.1002/cncr.34891. Epub ahead of print. PMID: 37254857.
5. GBD 2019 Chronic Respiratory Diseases Collaborators. Global burden of chronic respiratory diseases and risk factors, 1990-2019: an update from the Global Burden of Disease Study 2019. *EClinicalMedicine.* 2023 May;59:101936. doi: 10.1016/j.eclinm.2023.101936. PMID: 37229504.
6. *Gupta A, Omeogu C, Islam JY, Joshi A, Zhang D, Braithwaite D, Karanth SD, Taylor TD, Clarke JM, Akinyemiju T.* Socioeconomic disparities in immunotherapy use among advanced-stage non-small cell lung cancer patients: analysis of the National Cancer Database. *Sci Rep.* 2023 May 20;13(1):8190. doi: 10.1038/s41598-023-35216-2. PMID: 37210410.
7. *Karanth SD, Akinyemiju T, Walker CJ, Yang D, Migliorati CA, Yoon HS, Hong YR, Washington CJ, Lattimore C, Fredenburg KM, Braithwaite D.* The Intersectionality between Race, Ethnicity, and Residential-Level Socioeconomic

- Status in Disparities of Head and Neck Cancer Outcomes: A SEER Study. *Cancer Epidemiol Biomarkers Prev.* 2023 Apr 3;32(4):516-523. doi: 10.1158/1055-9965.EPI-22-1167. PMID: 36780193.
8. Guo Y, Bian J, Chen Z, Fishe JN, Zhang D, **Braithwaite D**, George TJ, Shenkman EA, Licht JD. Cancer incidence after asthma diagnosis: Evidence from a large clinical research network in the United States. *Cancer Med.* 2023 Mar 31. doi: 10.1002/cam4.5875. Epub ahead of print. PMID: 36999938.
 9. *Wheeler M, Karanth SD, Mehta HJ, Yang D, Aduse-Poku L, Washington C, Hong YR, Zhang D, Gould MK, Braithwaite D.* Survival Differences by Comorbidity Burden among Patients with Stage I/II Non-Small-Cell Lung Cancer after Thoracoscopic Resection. *Cancers (Basel).* 2023 Mar 30;15(7):2075. doi: 10.3390/cancers15072075. PMID: 37046735.
 10. Global Burden of Disease 2021 Health Financing Collaborator Network. Global investments in pandemic preparedness and COVID-19: development assistance and domestic spending on health between 1990 and 2026. *Lancet Glob Health.* 2023 Mar;11(3):e385-e413. doi: 10.1016/S2214-109X(23)00007-4. Epub 2023 Jan 24. PMID: 36706770.
 11. *Aduse-Poku L, Karanth SD, Wheeler M, Yang D, Washington C, Hong YR, Manini TM, Fabregas JC, Cheng TD, Braithwaite D.* Associations of Total Body Fat Mass and Skeletal Muscle Index with All-Cause and Cancer-Specific Mortality in Cancer Survivors. *Cancers (Basel).* 2023 Feb 8;15(4):1081. doi: 10.3390/cancers15041081. PMID: 36831420
 12. Hochhegger B, **Braithwaite D.** Beyond the AJR: Should Imaging-Based Risk Assessment Tools Be Used in Lung Cancer Screening? *AJR Am J Roentgenol.* 2023 Feb 1. doi: 10.2214/AJR.23.29060. Epub ahead of print. PMID: 36722762.
 13. **Braithwaite D, Chicaiza A, Lopez K, Lin KW, Mishori R, Karanth SD, Anton S, Miller K, Schonberg MA, Schoenborn NL, O'Neill SC.** Clinician and patient perspectives on screening mammography among women age 75 and older: A pilot study of a novel decision aid. *PEC Innov.* 2023 Dec;2:100132. doi: 10.1016/j.pecinn.2023.100132. Epub 2023 Jan 31. PMID: 37124453.
 14. Hong YR, Yadav S, Wang R, Vadaparampil S, Bian J, George TJ, **Braithwaite D.** Genetic Testing for Cancer Risk and Perceived Importance of Genetic Information Among US Population by Race and Ethnicity: a Cross-sectional Study. *J Racial Ethn Health Disparities.* 2023 Jan 23:1–13. doi: 10.1007/s40615-023-01526-4. Epub ahead of print. PMID: 36689121.
 15. Mobley EM, Guerrier C, Tfirm I, Gutter MS, Vigal K, Pather K, **Braithwaite D**, Nataliansyah MM, Tsai S, Baskovich B, Awad ZT, Parker AS. Impact of Medicaid Expansion on Stage at Diagnosis for US Adults with Pancreatic Cancer: a Population-Based Study. *J Racial Ethn Health Disparities.* 2023 Jan 3. doi: 10.1007/s40615-022-01459-4. Epub ahead of print. PMID: 36596980.
 16. Zhang D, Spiropoulos KA, Wijayabahu A, Christou DD, *Karanth SD, Anton SD, Leeuwenburgh C, Liang M, Wheeler M, Yang D, Livingstone AP, Mankowski RT, Cheng TD, Zhang H, Siegel EM, Penedo FJ, Licht JD, Braithwaite D.* Low muscle mass is associated with a higher risk of all-cause and cardiovascular disease-specific mortality in cancer survivors. *Nutrition.* 2022 Dec 10;107:111934. doi: 10.1016/j.nut.2022.111934. Epub ahead of print. PMID: 36563433.
 17. Islam JY, **Braithwaite D**, Zhang D, Guo Y, Tailor TD, Akinyemiju T. Racial and ethnic inequities of palliative care use among advanced Non-Small cell lung cancer patients in the US. *Cancer Med.* 2022 Dec 19. doi: 10.1002/cam4.5538. Epub ahead of print. PMID: 36533434.
 18. Sur D, Advani S, **Braithwaite D.** MicroRNA panels as diagnostic biomarkers for colorectal cancer: A systematic review and meta-analysis. *Front Med (Lausanne).* 2022 Nov 7;9:915226. doi: 10.3389/fmed.2022.915226. PMID: 36419785.
 19. **Braithwaite D, Gould MK.** Is Lung Cancer Screening Reaching the People Who Are Most Likely to Benefit? *JAMA Netw Open.* 2022 Nov 1;5(11):e2243171. doi: 10.1001/jamanetworkopen.2022.43171. PMID: 36409500.
 20. **Braithwaite D, Anton S, Mohile S, DeGregori J, Gillis N, Zhou D, Bloodworth S, Pahor M, Licht J.** Cancer and aging: A call to action. *Aging Cancer.* 2022 Jun;3(2):87-94. doi: 10.1002/aac2.12055. Epub 2022 Jul 12. PMID: 36188489.
 21. Yang S, Yang X, Lyu T, He X, **Braithwaite D, Mehta HJ, Guo Y, Wu Y, Bian J.** A Preliminary Study of Extracting Pulmonary Nodules and Nodule Characteristics from Radiology Reports Using Natural Language Processing. *IEEE Int Conf Healthc Inform.* 2022 Jun;2022:618-619. doi: 10.1109/ichi54592.2022.00125. Epub 2022 Sep 8. PMID: 36168559.
 22. *Zhang D, Shah NJ, Cook M, Blackburn M, Serzan MT, Advani S, Potosky AL, Madhavan S, Belouali A, Atkins MB, Braithwaite D.* Correction: Zhang et al. Association between Body Mass Index and Immune-Related Adverse Events (irAEs) among Advanced-Stage Cancer Patients Receiving Immune Checkpoint Inhibitors: A Pan-Cancer Analysis. *Cancers (Basel).* 2022 Sep 19;14(18):4525. PMID: 36139703.
 23. Local Burden of Disease Household Air Pollution Collaborators (includes **Braithwaite**). Mapping development and health effects of cooking with solid fuels in low-income and middle-income countries, 2000-18: a geospatial modelling study. *Lancet Glob Health.* 2022 Oct;10(10):e1395-e1411. doi: 10.1016/S2214-109X(22)00332-1. PMID: 36113526

24. GBD 2019 Cancer Risk Factors Collaborators (includes **Braithwaite**). The global burden of cancer attributable to risk factors, 2010-19: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet*. 2022 Aug 20;400(10352):563-591. doi: 10.1016/S0140-6736(22)01438-6. PMID: 35988567.
25. GBD 2020 Alcohol Collaborators (includes **Braithwaite**). Population-level risks of alcohol consumption by amount, geography, age, sex, and year: a systematic analysis for the Global Burden of Disease Study 2020. *Lancet*. 2022 Jul 16;400(10347):185-235. doi: 10.1016/S0140-6736(22)00847-9. PMID: 35843246.
26. Chen Z, Zhang H, George TJ, Guo Y, Prosperi M, Guo J, **Braithwaite** D, Wang F, Kibbe W, Wagner L, Bian J. Simulating Colorectal Cancer Trials Using Real-World Data. *JCO Clin Cancer Inform*. 2022 Jul;6:e2100195. doi: 10.1200/CCI.21.00195. PMID: 35839432.
27. GBD 2019 Hepatitis B Collaborators (includes **Braithwaite** D). Global, regional, and national burden of hepatitis B, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Gastroenterol Hepatol*. 2022 Jun 20:S2468-1253(22)00124-8. doi: 10.1016/S2468-1253(22)00124-8. Epub ahead of print. PMID: 35738290.
28. **Braithwaite** D, Karanth SD, Slatore CG, Zhang D, Bian J, Meza R, Jeon J, Tammemagi M, Schabath M, Wheeler M, Guo Y, Hochegger B, Kaye FJ, Silvestri GA, Gould MK. Personalised Lung Cancer Screening (PLuS) study to assess the importance of coexisting chronic conditions to clinical practice and policy: protocol for a multicentre observational study. *BMJ Open*. 2022 Jun 22;12(6):e064142. doi: 10.1136/bmjopen-2022-064142. PMID: 35732383.
29. Zhang D, Leeuwenburgh C, Zhou D, Gong Y, Pahor M, Licht JD, **Braithwaite** D. Analysis of Biological Aging and Risks of All-Cause and Cardiovascular Disease- Specific Death in Cancer Survivors. *JAMA Netw Open*. 2022 Jun 1;5(6):e2218183. doi: 10.1001/jamanetworkopen.2022.18183. PMID: 35731518.
30. Akinyemiju T, Ogunsina K, Gupta A, Liu I, **Braithwaite** D, Hiatt RA. A Socio- Ecological Framework for Cancer Prevention in Low and Middle-Income Countries. *Front Public Health*. 2022 May 26;10:884678. doi: 10.3389/fpubh.2022.884678. PMID: 35719678.
31. Zhang D, Mobley EM, Manini TM, Leeuwenburgh C, Anton SD, *Washington CJ*, Zhou D, Parker AS, Okunieff PG, Bian J, Guo Y, Pahor M, Hiatt RA, **Braithwaite** D. Frailty and risk of mortality in older cancer survivors and adults without a cancer history: Evidence from the National Health and Nutrition Examination Survey, 1999-2014. *Cancer*. 2022 Aug 1;128(15):2978-2987. doi: 10.1002/cncr.34258. Epub 2022 May 24. PMID: 35608563.
32. GBD 2019 Colorectal Cancer Collaborators (includes **Braithwaite** D). Global, regional, and national burden of colorectal cancer and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Gastroenterol Hepatol*. 2022 Jul;7(7):627-647. doi: 10.1016/S2468-1253(22)00044-9. Epub 2022 Apr 7. Erratum in: *Lancet Gastroenterol Hepatol*. 2022 Aug;7(8):704. PMID: 35397795.
33. GBD 2019 Ageing Collaborators (includes **Braithwaite** D). Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study. *BMJ*. 2022 Mar 10;376:e068208. doi: 10.1136/bmj-2021-068208. PMID: 35273014.
34. Yang S, Shih YT, Huo J, Mehta HJ, Wu Y, Salloum RG, Alvarado M, Zhang D, **Braithwaite** D, Guo Y, Bian J. Procedural complications associated with invasive diagnostic procedures after lung cancer screening with low-dose computed tomography. *Lung Cancer*. 2022 Jan 4;165:141-144. doi: 10.1016/j.lungcan.2021.12.020. Epub ahead of print. PMID: 35124410.
35. Karanth SD, Katsumata Y, Nelson PT, Fardo DW, McDowell JK, Schmitt FA, Kryscio RJ, Browning SR, **Braithwaite** D, Arnold SM, Abner EL. Cancer diagnosis is associated with a lower burden of dementia and less Alzheimer's-type neuropathology. *Brain*. 2022 Jan 30:awac035. doi: 10.1093/brain/awac035. Epub ahead of print. PMID: 35094057.
36. Global Burden of Disease 2019 Cancer Collaboration (includes **Braithwaite** D). Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019: A Systematic Analysis for the Global Burden of Disease Study 2019. *JAMA Oncol*. 2022 Mar 1;8(3):420-444. doi: 10.1001/jamaoncol.2021.6987. PMID: 34967848.
37. Salloum RG, **Braithwaite** D. Expansion of Guideline-Recommended Lung Cancer Screening Eligibility: Implications for Health Equity of Joint Screening and Cessation Interventions. *J Thorac Oncol*. 2022 Jan;17(1):13-15. doi: 10.1016/j.jtho.2021.10.005. PMID: 34930605.
38. *Advani S*, Abraham L, Buist DSM, Kerlikowske K, Miglioretti DL, Sprague BL, Henderson LM, Onega T, Schousboe JT, *Demb J*, *Zhang D*, Walter LC, Lee CI, **Braithwaite** D, O'Meara ES; Breast Cancer Surveillance Consortium. Breast biopsy patterns and findings among older women undergoing screening mammography: The role of age and comorbidity. *J Geriatr Oncol*. 2022 Mar;13(2):161-169. doi: 10.1016/j.jgo.2021.11.013. Epub 2021 Dec 9. PMID: 34896059.
39. *Zhang D*, Shah NJ, Cook M, Blackburn M, Serzan MT, Advani S, Potosky AL, Atkins MB, **Braithwaite** D. Association between Body Mass Index and Immune-Related Adverse Events (irAEs) among Advanced-Stage Cancer Patients Receiving Immune Checkpoint Inhibitors: A Pan-Cancer Analysis. *Cancers (Basel)*. 2021 Dec 3;13(23):6109. doi: 10.3390/cancers13236109. PMID: 34885219.
40. GBD 2019 Adolescent Young Adult Cancer Collaborators (includes **Braithwaite** D). The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Oncol*. 2022 Jan;23(1):27-52. doi: 10.1016/S1470-2045(21)00581-7. Epub 2021 Dec 3. PMID: 34871551.

41. Safiri S, Kolahi AA, Naghavi M; Global Burden of Disease Bladder Cancer Collaborators (includes **Braithwaite D**). Global, regional and national burden of bladder cancer and its attributable risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease study 2019. *BMJ Glob Health*. 2021 Nov;6(11):e004128. doi: 10.1136/bmjgh-2020-004128. PMID: 34844997.
42. *Karanth SD*, Washington C, Cheng TD, Zhou D, Leeuwenburgh C, **Braithwaite D**, Zhang D. Inflammation in Relation to Sarcopenia and Sarcopenic Obesity among Older Adults Living with Chronic Comorbidities: Results from the National Health and Nutrition Examination Survey 1999-2006. *Nutrients*. 2021 Nov 5;13(11):3957. doi: 10.3390/nu13113957. PMID: 34836213.
43. Schousboe JT, Sprague BL, Abraham L, O'Meara ES, Onega T, Advani S, Henderson LM, Wernli KJ, Zhang D, Miglioretti DL, **Braithwaite D**, Kerlikowske K. Cost-Effectiveness of Screening Mammography Beyond Age 75 Years : A Cost- Effectiveness Analysis. *Ann Intern Med*. 2022 Jan;175(1):11-19. doi: 10.7326/M20-8076. Epub 2021 Nov 23. PMID: 34807717.
44. *Zhang D*, Abraham L, Sprague BL, Onega T, Advani S, *Demb J*, Miglioretti DL, Henderson LM, Wernli KJ, Walter LC, Kerlikowske K, Schousboe JT, Chrischilles E, **Braithwaite D**, O'Meara ES; Breast Cancer Surveillance Consortium. Mammography adherence in relation to function-related indicators in older women. *Prev Med*. 2022 Jan;154:106869. doi: 10.1016/j.ypmed.2021.106869. Epub 2021 Nov 9. PMID: 34762965.
45. GBD 2019 Adolescent Mortality Collaborators (includes **Braithwaite D**). Global, regional, and national mortality among young people aged 10-24 years, 1950-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet*. 2021 Oct 30;398(10311):1593-1618. doi: 10.1016/S0140-6736(21)01546-4. Epub 2021 Oct 28. Erratum in: *Lancet*. 2022 Feb 26;399(10327):802. PMID: 34755628.
46. Gupta A, Zhang D, **Braithwaite D**, *Karanth SD*, Tailor TD, Clarke JM, Akinyemiju T. Racial Differences in Survival Among Advanced-stage Non-small-Cell Lung Cancer Patients Who Received Immunotherapy: An Analysis of the US National Cancer Database (NCDB). *J Immunother*. 2022 Feb-Mar 01;45(2):132-137. doi: 10.1097/CJI.0000000000000400. PMID: 34747372.
47. Kinyoki D, Osgood-Zimmerman AE, Bhattacharjee NV; Local Burden of Disease Anaemia Collaborators (includes **Braithwaite D**), Kassebaum NJ, Hay SI. Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. *Nat Med*. 2021 Oct;27(10):1761-1782. doi: 10.1038/s41591-021-01498-0. Epub 2021 Oct 12. PMID: 34642490.
48. Diaby V, Ali A, Babcock A, Fuhr J, **Braithwaite D**. Incorporating health equity into value assessment: frameworks, promising alternatives, and future directions. *J Manag Care Spec Pharm*. 2021 Sep;27(9-a Suppl):S22-S29. doi: 10.18553/jmcp.2021.27.9-a.s22. PMID: 34579542.
49. Global Burden of Disease 2020 Health Financing Collaborator Network (includes **Braithwaite D**). Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories, 1990-2050. *Lancet*. 2021 Oct 9;398(10308):1317-1343. doi: 10.1016/S0140-6736(21)01258-7. Epub 2021 Sep 22. PMID: 34562388.
50. *Advani SM*, Zhu W, *Demb J*, Sprague BL, Onega T, Henderson LM, Buist DSM, *Zhang D*, Schousboe JT, Walter LC, Kerlikowske K, Miglioretti DL, **Braithwaite D**; Breast Cancer Surveillance Consortium. Association of Breast Density With Breast Cancer Risk Among Women Aged 65 Years or Older by Age Group and Body Mass Index. *JAMA Netw Open*. 2021 Aug 2;4(8):e2122810. doi: 10.1001/jamanetworkopen.2021.22810. PMID: 34436608.
51. GBD 2019 Respiratory Tract Cancers Collaborators. Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Respir Med*. 2021 Sep;9(9):1030-1049. doi: 10.1016/S2213-2600(21)00164-8. Epub 2021 Aug 16. PMID: 34411511.
52. GBD 2020, Release 1, Vaccine Coverage Collaborators (includes **Braithwaite D**). Measuring routine childhood vaccination coverage in 204 countries and territories, 1980-2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. *Lancet*. 2021 Aug 7;398(10299):503-521. doi: 10.1016/S0140-6736(21)00984-3. Epub 2021 Jul 21. PMID: 34273291.
53. Guo Y, Szurek SM, Bian J, **Braithwaite D**, Licht JD, Shenkman EA. The role of sex and rurality in cancer fatalistic beliefs and cancer screening utilization in Florida. *Cancer Med*. 2021 Sep;10(17):6048-6057. doi: 10.1002/cam4.4122. Epub 2021 Jul 13. PMID: 34254469.
54. *Zhang D*, Abraham L, *Demb J*, Miglioretti DL, Advani S, Sprague BL, Henderson LM, Onega T, Wernli KJ, Walter LC, Kerlikowske K, Schousboe JT, O'Meara ES, **Braithwaite D**; Breast Cancer Surveillance Consortium. Function-related Indicators and Outcomes of Screening Mammography in Older Women: Evidence from the Breast Cancer Surveillance Consortium Cohort. *Cancer Epidemiol Biomarkers Prev*. 2021 Aug;30(8):1582-1590. doi: 10.1158/1055-9965.EPI-21-0152. Epub 2021 Jun 2. PMID: 34078641.
55. GBD 2019 Chewing Tobacco Collaborators. Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019. *Lancet Public Health*. 2021 Jul;6(7):e482-e499. doi: 10.1016/S2468-2667(21)00065-7. Epub 2021 May 28. Erratum in: *Lancet Public Health*. 2021 Jul;6(7):e449. PMID: 34051920.

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130. **Braithwaite D**, Emery J, Walter F, Prevost AT, Sutton S. Psychological impact of genetic counseling for familial cancer: a systematic review and meta- analysis. *J Natl Cancer Inst*. 2004 Jan 21;96(2):122-33. doi: 10.1093/jnci/djh017. PMID: 14734702.
131. **Braithwaite D**, Emery J, De Lusignan S, Sutton S. Using the Internet to conduct surveys of health professionals: a valid alternative? *Fam Pract*. 2003 Oct;20(5):545-51. doi: 10.1093/fampra/cm9509. PMID: 14507796.
132. **Braithwaite D**, Sutton S, Smithson WH, Emery J. Internet-based risk assessment and decision support for the management of familial cancer in primary care: a survey of GPs' attitudes and intentions. *Fam Pract*. 2002 Dec;19(6):587-90. doi: 10.1093/fampra/19.6.587. PMID: 12429659.

Book Chapter

Swede H, and **Braithwaite D**. Role of C-Reactive Protein in Cancer (Chapter 10). In: O. Reizes, N.A. Berger (eds.), "Adipocytokines, Energy Balance, and Cancer (Vol. 12)," Springer International Publishing, Switzerland, 2017.

EXTERNAL RESEARCH FUNDING:

NIH/NCI R01 CA249506 06/01/2020 – 05/31/2026 (Braithwaite, Gould, Silvestri)

Title: Personalized screening for lung cancer: the importance of co-existing chronic conditions to clinical practice and policy

The goal is to evaluate the potential harms and benefits of lung cancer screening with low-dose computed tomography using real-world data and simulation modeling among marginal candidates.

Total Direct Costs over all years of award: \$2,500,000

NIH/NCI R01 CA284646 07/01/2023 – 05/31/2028 (Braithwaite (contact)/Bian/Jeon/Gould)

Title: Advancing Precision Lung Cancer Surveillance and Outcomes in Diverse Populations (PLuS²)

Goal: The goal is to create an innovative, contemporary data source that will generate evidence on the impact of current lung cancer surveillance utilization, identify factors that drive the gaps in imaging surveillance, and determine who and how best to target interventions. This study focuses on populations with stage I NSCLC who have completed curative-intent therapy in both rural and urban FL and GA hospitals, representing a racially/ethnically diverse population (n~20,505)

Total Direct Costs over all years of award: \$2,200,000

NIH/NCI R01 CA246418 01/01/2020 – 12/31/2023. (Bian/Guo)

Title: Benefits and harms of lung cancer screening in Florida

The goal of this project is to examine the contemporary use of lung cancer screening and associated healthcare outcomes and costs using data from a real-world setting in Florida.

Total Direct Costs over all years of award: \$1,390,104

NIH/NIA P30AG028740 *Older Americans Independence Center* 05/31/2022 – 03/31/2027 (Manini/Esser)

The goals are to optimize older persons' physical performance and mobility through interdisciplinary approaches to promote independence, and to train early-stage investigators in aging and disability research.

Total Direct Costs over all years of award: \$6,000,000

Role: Co-Investigator

NIH/NCI P30247796 *Cancer Center Support Grant* 05/31/2023 – 04/30/2027 (Licht)

The goal is to reduce the burden of cancer in the catchment area and beyond.

Total Direct Costs over all years of award: \$8,000,000

Role: Co-Investigator

Florida Breast Cancer Foundation 7/01/2022 – 12/30/2023 (Guo/Braithwaite)

Title: Risk of adverse cardiovascular events in breast cancer patients receiving systemic adjuvant therapy: impact of comorbidity burden

The goal is to assess how risk of cardiotoxicity and cardiovascular disease (CVD)-specific death in older breast cancer patients in Florida vary by burden of comorbidities.

Total Direct Costs over all years of award: \$100,000

TRAINING GRANTS:

NIH/NCI T32CA257923. 4/01/2021-3/31/2026 (Siemann)

Title: Team-based Interdisciplinary Cancer Research Training Program

I currently mentor 2 doctoral students under this training grant in cancer research. (6 total)

CTSI TL1TR001428-09 8/15/2015-06-30-2024 (McCormack)

Title: J NRSA Training Core

I currently mentor two students under this training grant in clinical and translational research (6 total).

American Cancer Society Institutional Research Grant ACS135544 01/01/2022 – 12/31/2024 (Licht)

I currently mentor two early-stage investigators under this training cancer in cancer research relevant to the needs of our catchment area.

PENDING:

NIH/NCI U01 10/01/2023-9/30/2028 (Hu/Wang)

Title: Medical cannabis use and breast cancer survivorship.

The goal is to assess biological effects of medical cannabis use in cancer patients.

Total Direct Costs over all years of award: \$3,600,000 (NOA pending; scored in the fundable range)

Role: co-Investigator

NIH/NCI R01 (O'Neill/Braithwaite)

Title: Refining overscreening in the elderly (RISE trial)

The goal is to evaluate a multilevel intervention on screening mammography rates in women age 75+ (scored in the fundable range)

Role: MPI

SELECTED COMPLETED AWARDS

NIH/NCI R01CA207361 1/01/2017-12/31/2022 (Braithwaite)

Title: Comorbidity and Screening Outcomes Among Older Women Undergoing Mammography

The goal is to determine the benefits and harms of screening mammography among women age 75+.

Total budget: \$25,591 total

NIH/NCI P50CA058207 9/30/1992-11/30/2007 (Gray)

Title: SPORE in Breast Cancer

The goal is to perform a pilot study of comorbidity and functional status in relation to clinical endpoints among older women with breast cancer.

Total budget: \$270,000 total

Role: Pilot project PI

NIEHS U01ES012801 9/29/2003-7/31/2008 (Hiatt)

Title: Bay Area Breast Cancer & the Environment Research Center

The goal of this grant is to determine the role of early-life environmental exposures in relation to breast cancer risk.

Total budget: \$1,558,250 total

Role: Pilot study PI

NIH/NCI R03CA142936 9/30/2009-8/31/2011 (Braithwaite)

Title: Etiology of Breast Development in the BCERC Network: Role of Socioeconomic Status

The goal of this grant is to determine the role of socioeconomic status in early markers of breast cancer risk among multiethnic girls.

Total budget: \$62,310 total

ACS-MRSG American Cancer Society Mentored Research Scholar Award 1/3/2012- 06/01/2017 (Braithwaite)

Title: Breast Cancer Screening and Outcomes: Role of Comorbidity

The goal of this career development award was to enable the candidate to obtain further training and research experience to become an expert in cancer epidemiology, with a specific focus on comorbidity, aging and outcomes from breast cancer screening.

Total budget: \$ 675,000 total

Susan Komen Career Catalyst Award 2/1/2013- 01/31/2017 (Braithwaite)

Title: Comorbidity and disparities in breast cancer outcomes

The goal of this career development award was to determine the role of comorbidity in disparities in breast cancer outcomes.

Total budget: \$450,000 total

RECENT INVITED LECTURES AND PRESENTATIONS (total 45; only representative examples listed):

1. Speaker, Feist-Weiller Cancer Center Seminar Series, Shreveport, LA: "A Blueprint for the Florida Cancer and Aging Network: Bridging the Age Gap to Transform Prevention and Care," 05/23/2023
2. Speaker, 28th Annual Multidisciplinary Symposium on Breast Disease, Amelia Island, FL: "To Screen or Not to Screen Older Women for Breast Cancer: Conundrum," 2/10/2023
3. Speaker, Cancer Research Conference for Science Teachers, Gainesville, FL: "Cancer and Aging," 7/27/2023
4. Speaker, UF Health Cancer Center Topics in Cancer Seminar Series, Gainesville, FL: "Cancer and aging: Bridging the age gap in cancer to transform prevention and care," 5/27/2022
5. Speaker, UF OAIC Pepper Retreat, Gainesville, FL: "Cancer and Aging: Transforming Prevention and Care in Older Populations," 5/24/2022
6. Speaker, 2021 UF Data Intelligence Symposium (DAISY), Clearwater, FL: "Cancer AI," 11/15/2021-11/17/2021
7. Scientific Panel, International Conference on Frailty and Sarcopenia Research 2021, 9/27/2021-9/30/2021
8. Speaker, Community Coalition for Older Adults, Gainesville, FL: "Risk-based screening mammography in women aged 75 and older," 7/13/2021
9. Speaker and Panelist, FLASCO Business of Oncology Summit 2021, Kissimmee, FL: "The Information Conundrum," 4/16/2021-4/18/2021
10. Speaker, Preventing Overdiagnosis Conference, Sydney, Australia: "Downstream outcomes following biopsy among older women undergoing mammography in community practice," 12/2019
11. Speaker, Grand Rounds, Medstar Health Research Institute, Washington, DC: "Multilevel interventions: screening mammography in the elderly," 12/2019
12. Speaker and Session Chair, The Regional Conference of Asia Oceania Research Organization on Genital Infections and Neoplasia (AOGIN 2019) & The 17th Annual Meeting of National Cervical Cancer Consortium (17th NCCC), Beijing, China; 4/27/2019-4/28/2019
13. Speaker, Georgetown University Medical Center, Washington DC; "Overcoming Funding Gaps via Internal Grant Review Committees," 3/18/2019
14. Chair, Session on Cancer Screening, American Society of Preventive Oncology, Tampa, Florida, 3/10/2019-3/12/2019
15. Speaker, Grand Rounds, Department of Oncology, Georgetown University: "Cancer Screening in the Elderly in the Era of Precision Medicine," 1/2019
16. Speaker, Greater San Francisco Bay Area Lung Cancer Screening Network (SFBayLCSN), "Potential research questions a regional Lung Cancer Screening Network could address," 2016
17. Speaker, Workshop on International Issues in Cancer and Molecular Epidemiology, American Society for Preventive Oncology, Washington, DC, 2015
18. Speaker, Center for Aging in Diverse Communities, UCSF: "Chronic inflammation and cancer risk in the Health ABC cohort" (seminar for fellows and faculty), 2014
19. Speaker, California Pacific Medical Center Research Institute, San Francisco; "Chronic inflammation and risk of colorectal and obesity-related cancers" (invited talk), 2014
20. Speaker, Center for Aging in Diverse Communities, UCSF: "Benefits and harms of screening mammography in older women" (seminar for fellows and faculty), 2013

SELECTED RECENT POSTER PRESENTATIONS

1. *Wheeler M**, Karanth SD, Yoon AH, Bian J, Guo Y, **Braithwaite DB**. Imaging surveillance practice patterns among older adults with stage I/II non-small cell lung cancer. *American Association for Cancer Research 2023 Annual Meeting*. (Presented April 17, 2023, Orlando, FL) *Research highlighted in *Physicians Weekly* (<https://www.physiciansweekly.com/adherence-to-imaging-guidelines-very-poor-after-early-nsclc-treatment/>)
2. Karanth SD, Mistry S, Karanth D, Yang JJ, Divaker J, **Braithwaite D**. Artificial Intelligence in Oncology Clinical trials. UF CTSI Research Day 2023
3. *Aduse-Poku L*, Karanth S, Wheeler M, Yang D, Washington C, Hong YR, Manini T, Fabregas J, Cheng TY, **Braithwaite D**. Associations of total body fat and skeletal muscle index with all-cause and cancer-specific mortality in cancer survivorship. *American Society for Preventive Oncology, Annual Meeting 2023* *New Investigator Award
4. Karanth SD*, Katsumata Y, Nelson PT, Fardo DW, McDowell JK, Schmitt FA, Kryscio RJ, Browning SR, **Braithwaite D**, Arnold SM, Abner EL. Cancer diagnosis is associated with a lower burden of dementia and less Alzheimer's-type neuropathology. *American Society for Preventive Oncology, Annual Meeting 2022* *New Investigator Award

EXPERT PANELS and WORKING GROUPS (only selected recent examples included)

- 2023 Florida Digital Twin
- 2023 Self-Made Health Network/CDC Scientific Advisory Committee on Preventive Tobacco-Related Cancers in Populations with Socioeconomic Characteristics
- 2023 Member of the Training in Preventive Oncology Panel, American Society for Preventive Oncology
- 2023 Organizer and Host, "Community Outreach to Increase Lung Cancer Screening in Florida", Florida Association of Cancer Centers
- 2022 Panel Member, Preventing Overdiagnosis: "Overdiagnosis and Overuse of healthcare services in limited-resource settings"
- 2022 Representative for the Prevent Cancer Foundation at the World Cancer Congress, Geneva, Switzerland, October 18-22
- 2022 Organizer and Co-Host, University of Florida Breast Cancer Working Group, September 10
- 2019- Member and expert, American Cancer Society Lung Cancer Round Table
- 2017 Speaker, Working Group on Multiple Chronic Conditions and Lung Cancer Screening, American Thoracic Society Annual Conference, Washington, DC, 2017
The results informed a publication in the American Journal of Respiratory and Critical Care Medicine.
- 2015 Invited Presenter and Member of the National Academies Expert Panel on Cancer Prevention in Low
- 2014 Speaker and Co-Host, Greater San Francisco Bay Area Lung Cancer Screening Network (SFBayLCSN), "Why we need to develop a regional Lung Cancer Screening Network"

SYMPOSIUM ORGANIZER (only representative recent examples included)

- 2023 Co-Host for the "Emerging Topics in Cardio-Oncology" Mini-Symposium, Gainesville, Florida; March 1. A manuscript is in the publication process.
- 2022 Speaker and Host for the Cancer & Aging Symposium, February 3
This symposium included NIH/NCI program directors and experts from several NCI-designated Cancer Centers. The symposium proceedings have been published in Aging Cancer.
- 2021 Co-Host for the University of Florida Community-Partnered Cancer Disparities Research Collaborative inaugural symposium
- 2019 Speaker and Co-Host, Symposium on HPV Screening and Cervical Cancer Control, Rafael Landivar University, Guatemala City, Guatemala, February, 1-4
This workshop brought together representatives from NIH/NCI, CDC, Guatemala Ministry of Health, Rafael Landivar University and Georgetown University. The results have informed a successful grant application.
- 2017 Program Committee and Discussant for the 2017 American Society of Preventive Oncology workshop on "Cancer screening: the impact of multilevel interventions". March 10

ACADEMIC REVIEW

Editorial Work

Editorial Board: 2022 – present Cancers

Editorial Board: 2022 – present Nutrients

Editorial Board: 2023 – present Aging and Cancer

Ad Hoc Referee: American Journal of Epidemiology, American Journal of Preventive Medicine, American Journal of Respiratory and Critical Care Medicine, Annals of Internal Medicine, BMC Cancer, BMC Family Practice, BMC Public Health, BMC Geriatrics, BMJ Open, Breast Cancer Research and Treatment, Breast Cancer Research, Cancer, Cancers,

Cancer Medicine, Cancer Causes and Control, Cancer Epidemiology, Cancer Epidemiology, Biomarkers and Prevention, Cancer Research (AACR), Carcinogenesis, European Journal of Cancer Care, Journal of Clinical Oncology, Journal of Translational Medicine, JAMA Internal Medicine, JAMA Oncology, JNCI, JNCI Cancer Spectrum, Journal of Clinical Oncology, Journal of Geriatric Oncology, Lancet Oncology, Nutrients, PLoS One, Research Square, Systematic Reviews, The Gerontologist, Medical Care.

GRANT REVIEW

- Study Section Ad-hoc Member, Small Business Innovation Research: Health Informatics, NIH, 2020-present (3 times per year)
- Study Section Member, CDC Special Emphasis Panel (SEP) to conduct the scientific peer review of applications responding to Funding Opportunity Announcement (FOA) RFA-DP-23-001: Assessing the Effectiveness of Programs, Policies, or Practices that Affect Social Determinants of Health to Promote Health Equity and Reduce Health Disparities in Chronic Diseases, 2023-present
- Study Section Member, Andy Hill CARE Fund Population Health and Inclusion & Diversity in Cancer Clinical Trials Grant Programs, American Institute of Biological Sciences, 2022-present
- Reviewer, Patient-Centered Research Outcomes Initiative (PCORI), National Institutes of Health, 2012
- Study Section Member, Small Business Innovation Research: Health Informatics, NIH, 2018-2020 (3 times per year)
- Study Section Member, American Cancer Society/UICC Fellowships Committee, 2012
- Study Section Member, Breast Cancer Now, 2017
- Reviewer, Prevent Cancer Foundation, 2015
- Reviewer, Department of Defense Breast Cancer Research Program, 2016-2017
- Reviewer, Cancer Research UK, 2014
- Study Section Member, Special Emphasis Panel: Small Grants in Cancer Epidemiology, NIH, 2009-2011 (3 times per year)
- Reviewer, National Institute for Health Research, Research for Patient Benefit (RfPB), UK, 2010
- Reviewer/Advisor, The Agency for Healthcare Research and Quality Technical Advisory Board, "Clinical Utility of Ascertaining Family History of Cancer" (Task Order Report), 2006
- Reviewer, Department of Health, London, England, 2005

TEACHING EXPERIENCE

University of Florida, College of Public Health and Health Professions, College of Medicine, Department of Epidemiology

Courses: Advanced Research (PHC-7979, 2022-2024)
Independent Study (PHC-7918, 2022-2024)

Georgetown University, Clinical and Translational Sciences Institute, M.S. in Clinical Research

Courses: Epidemiologic Methods (CLTR507-101, 2019)
Lectures: Introduction to Research with Diverse Populations (2020)
Screening (2019-2020)

University of California, San Francisco

Small Group Leader: Mechanisms, Methods, and Malignancies Block (2015)
Section Leader: Designing Clinical Research (USCSF EPI 150, 2007-2017)
Lecturer: Postdoctoral Training Program in Health Services (2008)
Systematic Reviews and Meta-analyses (UCSF EPI 214, 2008-2017)

External Teaching: Global Health Education Consortium

Co-wrote syllabus for the course on cancer control in low- and middle-income countries.

ADVISING AND MENTORING

Doctoral Students Mentored (total 23)

- Livingstone Aduse-Poku (2022-present)
UF College of Public Health and Health Professions Scholarship
- Meghann Wheeler, MPH (2021-present)
T32 Team-based Interdisciplinary Cancer Research Training
- Danting Yang (2021-present)
- Caretia Washington, BS (2021-present)
NCI Diversity Supplement
- Chayil Lattimore (2021-present)
UF CTSI TL1 award
- Jashua Demb, MPH (2014-2019)
NCI F31 scholarship

Caroline Tai (2013-2016)
 Monika Izano (2011-2015)

Masters Students Mentored (total 12)

Shilpi Mistri (2022-2024)
 UF Health Cancer Center's Cancer Policy Internship in Washington, D.C.
 Joel Divaker (2022-2024)
 Designed a study of chatGPT and mammography screening advice among women age 75+
 Anthony Chicaiza (2108-2020)
 Georgetown University Scholarship

Postdoctoral Fellows and Early-Stage Investigators Mentored

JJ Yang, PhD, MPH (2020-present)
 Assistant Professor, College of Medicine, University of Florida
 Young-Rock Hong, PhD, MPH (2020-present)
 Assistant Professor, College of PHHP, University of Florida
 Erin Mobley, PhD, MPH (2021-present)
 Assistant Professor, College of Medicine at Jacksonville, University of Florida
 Alex Yoon, PhD, MPH (2022-present)
 Assistant Professor, College of Medicine, University of Florida
 Yan Wang, PhD, MPH (2023-present)
 Assistant Professor, College of PHHP, University of Florida
 Zhigang Xie, PhD (2021-2022)
 Postdoctoral Associate, University of Florida, Braithwaite Group
 Shama Karanth, PhD
 Postdoctoral Fellow (2021-2023), Assistant Professor (2023-present), College of Medicine, University of Florida
 Lakeshia Cousin, PhD, RN (2021-present)
 Assistant Professor, College of Nursing, University of Florida
 Naykky Singh-Ospina, MD (2021-present)
 Assistant/ Associate Professor, College of Medicine, University of Florida
 Raymond Mailhot Vega, MD, MPH (2021-present)
 Assistant/ Associate Professor, College of Medicine, University of Florida
 Dongyu Zhang, MD, PhD
 Postdoctoral Fellow, Cancer Screening Group, Georgetown University Medical Center (2018-2020)
 Research Assistant Professor, Department of Epidemiology, University of Florida (2020-2022)
 Karam Diaby, PhD (2020-2021)
 Assistant professor, College of Pharmacy, University of Florida
 Joshua Demb, PhD (2019-2020)
 Postdoctoral Fellow, UC San Diego; research collaboration
 Christine Hsu, MD (2019-2020)
 Assistant Professor, Georgetown University Medical Center
 Zhikai Zhu, PhD (2019-2020)
 Postdoctoral Scholar, Cancer Screening Group, Georgetown University Medical Center
 Le Dang, PhD (2019-2020)
 Postdoctoral Scholar, Cancer Screening Group, Georgetown University Medical Center
 Shailesh Advani, MD, PhD
 Postdoctoral Fellow, Cancer Screening Group, Georgetown University Medical Center

ACADEMIC SERVICE

University of Florida

Dissertation Committee, Departments of Epidemiology, Health Outcomes & Biomedical Informatics, and Biomedical Program (2023-present)
 Clinical and Translational Sciences Institute, Internal Advisory Committee, Education and Training (2023-present)

College of Medicine, University of Florida

UF MD/PhD Recruitment and Selection Committee (2022-present)
 Research Advisory Committee, Department of Surgery (2022-present)
 Coach and Mentor, R01 Boot Camp (2023-present)

University of California, San Francisco

Dissertation Committee, Masters in Clinical Research (2008-2016)

Member, Academic Senate Committee on Research (2008-2011)
 Reviewer, Resource Allocation Program for Trainees (RAPtr) Review Committee (2014-2017)
 Committee Member, Taskforce to Improve Gender Equality (2013-2014)
 Head, Screening and Early Detection Area of Concentration (2014-2016)
 Member, Center for Health and Community, Robert Wood Johnson Foundation, Health Disparities Working (2006-2012)
 Full Member, UCSF Helen Diller Family Comprehensive Cancer Center (2010-2017)
 Reviewer, UCSF Resource Allocation Program (2010-2012)
 Reviewer, UCSF Resource Allocation Program, Medical Student Grants Program (2015)
 Reviewer, UCSF Resource Allocation Program, Career Development Grants (2015-2017)

University of California System and Multi-Campus

Co-Chair, Comorbidity Core Working Group, University of California-wide ATHENA Breast Health Network (2010-2012)
 Founding Director, Northern California Lung Cancer Screening Network (2014-2017)

Georgetown University Medical Center

Chair, Internal Grant Review Committee, Office of Associate Dean for Faculty Development, Georgetown University Medical Center (2018-2020)

Member, Faculty Development Committee, Georgetown University Medical Center (2018-2020)
 Director, Internal Grant Review Program, Lombardi Comprehensive Cancer Center (2019-2020)

Georgetown University

Reviewer, Fulbright Scholar Fellowship Committee (2019)

SCIENTIFIC IMPACT

My research has been summarized and featured in many popular press journals, radio programs and websites, including: STAT News, The Chicago Tribune, ASCO (American Society of Clinical Oncology) Post, ABC News, The Daily Mail, AuntMinnie.com (largest community website for medical imaging professionals) and the National Public Radio, among many others. I have also met with staffers at the American Cancer Society on multiple occasions to support fundraising efforts and participated in policy briefs on behalf of the Self-Made Health Network/CDC National Disparities Network.

Community Engagement (representative examples)

- 2023 Christina Phipps Foundation/ UF HealthStreet: New Directors in Cancer Prevention
- 2022 Florida Community Coalition for Older Adults: Cancer Screening in Older Adults
- Annually since 2021 – Participant in Cancer Health Disparities Research Collaborative: Power over Cancer activities in East Gainesville communities
- 2022 Florida High School Teachers Conference: STEM presentation, Cancer and Aging
- 2020 Lunch and Learn: New Directions in Community-based Cancer Prevention Research
- 2017 Go2 Foundation for Lung Cancer: Lung Cancer Screening: Challenges and Opportunities
- 2007 Reviewer, Breast Cancer Fund, San Francisco, CA, Report, “The Falling Age of Puberty in U.S. Girls,”

Media Outreach

- 8/9/2023 Quoted in an article discussing endocrine disrupting chemicals and cancer clusters, published by WUFT/NPR; “Clay County Commissioner Kristen Burke offers her voice to Russell Landing contamination concerns”
- 2/2/2023 Quoted in an article discussing “Info booklet helps older women decide whether to continue mammography” published by AuntMinnie.com
- 5/9/2023 My work on adherence to imaging guidelines in early-stage NSCLC was featured in Physicians Weekly <https://www.physiciansweekly.com/adherence-to-imaging-guidelines-very-poor-after-early-nsclc-treatment/>
- 11/23/2022 Quoted in article discussing whether lung cancer screening is reaching people that need it the most; <https://www.medpagetoday.com/radiology/diagnosticradiology/101901>
- 8/27/2021 My research was featured in an article on breast density and breast cancer risk in women age 75+, published by STAT News; <https://www.statnews.com/2021/08/27/breast-density-cancer-risk-older-women/>
- 2/13/2018 My research was featured Quoted in an article discussing “Family history increases breast cancer risk even for older women” published by ASCO Post; <https://ascopost.com/News/58555>
- 2/7/2017 My work was featured in an article discussing screening mammography in older women, published by Chicago Tribune <https://www.chicagotribune.com/lifestyles/ct-xpm-2013-02-07-sns-rt-health-mammograms14n0b80d1-20130207-story.html>
- 2/12/2016 Featured in an article discussing “Do older women benefit from continued mammography screening” published by AuntMinnie.com
- 2/07/2013 Featured in an article discussing “Longer span between mammograms okay for older women” published by Reuters