

CURRICULUM VITAE

DATE: April 5, 2024

NAME: BO (BONNIE) QIN

PRESENT TITLE: Assistant Professor

ADDRESS: Rutgers Cancer Institute of New Jersey
Rutgers, The State University of New Jersey
120 Albany St., Tower 2, RM 8016
New Brunswick, NJ 08901
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EDUCATION:

Aug 2010 - Aug 2014 *Ph.D.* in Nutrition
Minor in Epidemiology
Department of Nutrition, Gillings School of Global Public Health
University of North Carolina at Chapel Hill, NC, the U.S.

Sep 2006 - May 2010 *B.Sc.* (Hons) in Applied Biology with Biotechnology
Department of Applied Biology and Chemical Technology
Hong Kong Polytechnic University, Hong Kong
First Class Honor

Aug 2008 - Dec 2008 Exchange in Biological Sciences
College of Agricultural and Life Sciences
Cornell University, NY, the U.S.
Cornell Dean's List

POSTGRADUATE EXPERIENCE:

Dec 2014 - Jul 2017 *Postdoctoral Appointee*, Department of Population Science, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ

ACADEMIC APPOINTMENTS/WORK EXPERIENCE:

Oct 2023 - Present *Assistant Professor* (Secondary Appointment), Department of Biostatistics and Epidemiology, Rutgers School of Public Health

Jun 2020 - Present *Assistant Professor* (Tenure Track), Department of Medicine, Division of Medical Oncology, Robert Wood Johnson Medical School, and Section of

	Cancer Epidemiology and Health Outcomes, Rutgers Cancer Institute of New Jersey
Feb 2019 - May 2020	<i>Instructor of Medicine</i> , Department of Medicine, Division of Medical Oncology, Robert Wood Johnson Medical School, and Section of Cancer Epidemiology and Health Outcomes, Rutgers Cancer Institute of New Jersey
Nov 2018 - Present	<i>Full Member</i> , Cancer Prevention and Control Program, Rutgers Cancer Institute of New Jersey
Jul 2017 - Jan 2019	<i>Research Associate</i> , Department of Population Science, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ

OTHER PROFESSIONAL ACTIVITIES:

2010 - 2014	<i>Graduate Research Assistant</i> , Nutrition Department and Carolina Population Center, UNC-Chapel Hill School of Public Health, NC
Summer 2011	<i>Research Intern</i> , Evidence Based Medicine, Research & Development, Sanofi, Bridgewater, NJ
2009 - 2010	<i>Laboratory Research Assistant</i> , Department of Applied Biology with Biotechnology, Hong Kong Polytechnic University, Hong Kong
Summer 2008	<i>Laboratory Research Assistant</i> , School of Life Sciences, Peking University, Beijing, China

HONORS AND AWARDS:

- Accepted to the Association of American Medical Colleges (AAMC) 2024 Early Career Women Faculty Leadership Development Seminar
- American Society of Preventive Oncology (ASPO) Cancer Health Disparities Special Interest Group Poster Award (2020)
- NIH K99/R00 Pathway to Independence Award (2018 - 2023)
- Cancer Disparities Research Network (CDRN) Early Career Cancer Health Disparities Travel Award (2017)
- American Institute for Cancer Research (AICR) John A. Milner Poster Prize (2016)
- Rutgers Biomedical and Health Sciences Research Travel Award (2016)
- Rutgers Biomedical and Health Sciences Postdoctoral Supplement (2016 & 2017)
- New Jersey Commission on Cancer Research (NJCCR) Postdoctoral Fellowship (2016 - 2017)
- American Association for Cancer Research (AACR) Scholar-in-Training Award (2015)
- American Heart Association (AHA) the Jeremiah and Rose Stamler Research Award for New Investigators-Finalist (2015)
- UNC Gordon H. DeFrieze Career Development in Aging Research Award (2013)
- University of North Carolina-National Institute of Health China Fogarty Fellowship (2012 - 2014)
- Sanofi/UNC Global Nutrition Fellowship (2010 - 2014)
- The Hong Kong Polytechnic University (HKPU) Best Writing Award for undergraduate thesis (2010)
- Hong Kong Special Administrative Region Government Scholarship (2009 & 2010)

GRANT SUPPORT:**Current**

RSG-23-1143513-01-CTPS (Qin) 01/01/2024 – 12/31/2028 \$1,112,000
 American Cancer Society Research Scholar Grant 20% effort

“A Multilevel Study of Breast Cancer Survivorship Among Black Women: Social Determinants, Lifestyle Patterns, and Inflammatory Pathways”

The purpose of this study is to identify the social determinants of health factors, lifestyle patterns, and inflammatory pathway biomarkers that contribute to poor mortality and patient-reported outcomes among Black breast cancer survivors.

Role: PI

R00 MD013300 (Qin) 06/01/2020 – 05/31/2024 (NCE) \$734,939
 NIH-NIMHD 30% effort

“A Multilevel Approach to Cardiovascular Health in African American Breast Cancer Survivors: from Neighborhoods to Metabolomics”

The goal of the proposed study is to investigate cardiovascular health among African American breast cancer patients to identify novel neighborhood social and built environmental drivers, their collective influence on survival, and metabolomic signatures that mediate the associations.

Role: PI

HEI-23-001 (Ambrosone) 11/01/2023 – 10/31/2024 \$115,873
 Breast Cancer Research Foundation 20% effort

“Breast Cancer Drivers in Black Women: Society to Cells”

To establish uniformity across existing datasets, we will assemble large breast cancer studies among Black women, formulate a comprehensive, contemporary profile of social determinants of health (SDoH), and standardize SDoH data.

Role: Subaward PI

COCR21RBG008 (Bandera) 05/01/2021 – 04/30/2024 \$400,000
 New Jersey Commission on Cancer Research Bridge Award 5% effort (in kind)

“Impact of obesity-related factors on breast cancer survivorship among minority and medically underserved populations”

To establish a cohort of Hispanic Breast cancer survivors and to evaluate the impact of obesity-related factors on patient reported outcomes including health-related quality of life among Hispanic and Black women after a breast cancer diagnosis.

Role: Co-I

COCR23PDF006 (Sánchez-Díaz) 07/01/2022 – 12/31/2024 (NCE) \$151,740
 New Jersey Commission on Cancer Research Post Doctoral Fellowship 5% effort (in kind)

“Neighborhood Archetypes, Adiposity, and Quality of Life in African American and Hispanic Breast Cancer Survivors: The Impact of the COVID-19 Pandemic”

The purpose of this study is to characterize the neighborhood archetypes among non-Hispanic African American and Hispanic breast cancer survivors and to evaluate their associations with adiposity and quality of life before and after the start of the COVID-19 pandemic in March 2020

Role: Primary Mentor

Pending

U01CA297419-01 (Bandera, Hong, Qin) 12/01/2024 – 11/30/2029 \$7,469,851
NIH-NCI 10% effort

“A Longitudinal Breast Cancer Survivorship Cohort Among Hispanic Women - Latinas Unidas en ConeXión: The LUX Study”

The goal is to establish a new prospective cohort designed specifically to fully elucidate the multilevel cardiometabolic burden and impact on cancer survivorship and cardiotoxicity among Hispanic breast cancer survivors, as a growing underrepresented and underserved population to help understand their unique breast cancer disparities.

Role: MPI

1R01CA296010-01 (Zeinomar, Iyer) 09/01/2024 – 08/31/2029 \$3,194,981
NIH-NCI 5% effort

“Characterizing the role of air pollution in breast cancer survivorship for Black women”

This study will advance understanding of specific biological pathways (epigenetics, systemic inflammation, metabolic dysregulation, and cardiac injury) that may explain associations of air pollution exposure with patient-reported outcomes, quality of life, and survival in Black female breast cancer survivors, yielding evidence that can inform targeted breast cancer interventions to narrow disparities.

Role: co-I

DP2 NIH Director’s New Innovator Award (Tabung) 09/01/2024 – 08/31/2029 \$192,452
NIH-NCI 5% effort

“Insulinemic dietary pattern and breast cancer risk and prognosis: role of IGF signaling and Akt-mTOR pathway in a predominantly black population”

Role: co-I

Completed

K99 MD013300 (Qin) 08/14/2018 – 05/31/2020 (NCE) \$196,884
NIH-NIMHD 75% effort

“A Multilevel Approach to Cardiovascular Health in African American Breast Cancer Survivors: from Neighborhoods to Metabolomics”

The goal of the proposed study is to investigate cardiovascular health among African American breast cancer patients to identify novel neighborhood social and built environmental drivers, their collective influence on survival, and metabolomic signatures that mediate the associations.

Role: PI

Post-doctoral Fellowship Grant DHFS16PPC013 (Qin) 01/01/2016 – 12/31/2018 \$100,000
New Jersey Commission on Cancer Research 75% effort

“Vitamin D and ovarian cancer risk in African-American women”

The purpose of this study is to assess the epidemiologic evidence regarding vitamin D exposures and ovarian cancer risk in a meta-analysis and to evaluate this association, along with VDR genotypes, in Black women.

Role: PI

PUBLICATIONS (PUBLICATIONS: 70; CITATIONS: >2K; H-INDEX: 25):**Refereed Original Article in Journals**

1. Sánchez-Díaz CT**, Zeinomar N, Iyer HS, Perlstein M, Gonzalez BD, Hong CC, Bandera EV, **Qin B**. Comparing patient-reported outcomes and lifestyle factors before and after the COVID-19 pandemic among Black and Hispanic breast cancer survivors in New Jersey. Comparing patient-reported outcomes and lifestyle factors before and after the COVID-19 pandemic among Black and Hispanic breast cancer survivors in New Jersey. *Journal of Cancer Survivorship*. 2024 Apr 1. Epub ahead of print. doi: [10.1007/s11764-024-01575-6](https://doi.org/10.1007/s11764-024-01575-6) ** Mentee
2. Meagher NS, White KK, Wilkens LR, Bandera EV, Berchuck A, Carney ME, Cramer DW, Cushing-Haugen KL, Jordan S, Kaufmann SH, Le ND, Pike MC, Riggan M, **Qin B**, Rothstein JH, Titus L, Winham SJ, Anton-Culver H, Doherty JA, Goode EL, Pearce CL, Risch HA, Webb PM, Cook LS, Goodman MT, Harris HR, Le Marchand L, McGuire V, Pharoah PDP, Sarink D, Schildkraut JM, Sieh W, Terry KL, Thompson PJ, Whittemore AS, Wu AH, Peres LC, Merritt MA. Racial and ethnic differences in epithelial ovarian cancer risk: an analysis from the Ovarian Cancer Association Consortium. *American Journal of Epidemiology*. Accepted Nov 8, 2023. In press.
3. Iyer HS, Zeinomar N, Omilian AR, Perlstein M, Davis MB, Omene CO, Pawlish K, Demissie K, Hong CC, Yao S, Ambrosone CB, Bandera EV, **Qin B**. Neighborhood Disadvantage, African Genetic Ancestry, Cancer Subtype, and Mortality Among Breast Cancer Survivors. *JAMA Netw Open*. 2023 Aug 1;6(8):e2331295. doi: [10.1001/jamanetworkopen.2023.31295](https://doi.org/10.1001/jamanetworkopen.2023.31295). PMID: 37647068; PMCID: PMC10469269.
4. Phung MT, Lee AW, McLean K, Anton-Culver H, Bandera EV, Carney ME, Chang-Claude J, Cramer DW, Doherty JA, Fortner RT, Goodman MT, Harris HR, Jensen A, Modugno F, Moysich KB, Pharoah PDP, **Qin B**, Terry KL, Titus LJ, Webb PM; Australian Ovarian Cancer Study Group; Wu AH, Zeinomar N, Ziogas A, Berchuck A, Cho KR, Hanley GE, Meza R, Mukherjee B, Pike MC, Pearce CL, Trabert B; Ovarian Cancer Association Consortium. A framework for assessing interactions for risk stratification models: the example of ovarian cancer. *J Natl Cancer Inst*. 2023 Jul 12:djad137. doi: [10.1093/jnci/djad137](https://doi.org/10.1093/jnci/djad137). PMID: 37436712.
5. Fong AJ, Llanos AAM, Ashrafi A, Zeinomar N, Chokshi S, Bandera EV, Devine KA, Hudson SV, **Qin B**, O'Malley D, Paddock LE, Stroup AM, Evens AM, Manne SL. Sociodemographic and Health Correlates of Multiple Health Behavior Adherence among Cancer Survivors: A Latent Class Analysis. *Nutrients*. 2023 May 17;15(10):2354. doi: [10.3390/nu15102354](https://doi.org/10.3390/nu15102354). PMID: 37242237; PMCID: PMC10223681.
6. Gersekowski K, Ibiebele TI, Doherty JA, Harris HR, Goodman MT, Terry KL, Wu AH, Bandera EV, **Qin B**, Ong JS, Tyrer JP, Dixon-Suen SC, Modugno F, Risch HA, Webb PM. Folate intake and ovarian cancer risk among women with endometriosis: a case-control study from the Ovarian Cancer Association Consortium. *Cancer Epidemiol Biomarkers Prev*. 2023 Aug 1;32(8):1087-1096. doi: [10.1158/1055-9965.EPI-23-0121](https://doi.org/10.1158/1055-9965.EPI-23-0121). PMID: 37220873; PMCID: PMC10390886.
7. Iyer HS, Kensler KH, Vaselkiv JB, Stopsack KH, Roscoe C, Bandera EV, **Qin B**, Jang TL, Lotan TL, James P, Hart JE, Mucci LA, Laden F, Rebbeck TR. Associations between etiologic or prognostic tumor tissue markers and neighborhood contextual factors in male health professionals diagnosed with prostate

- cancer. *Cancer Epidemiol Biomarkers Prev.* 2023 Aug 1;32(8):1120-1123. doi: [10.1158/1055-9965.EPI-23-0217](https://doi.org/10.1158/1055-9965.EPI-23-0217). PMID: 37249585.
8. Cheng TD, Zhang R, Gong Z, **Qin B**, Cannioto RA, Datta S, Zhang W, Omilian AR, Yao S, Khoury T, Hong CC, Bandera EV, Ambrosone CB. Association Between Recreational Physical Activity and mTOR Signaling Pathway Protein Expression in Breast Tumor Tissue. *Cancer Res Commun.* 2023 Mar 7;3(3):395-403. doi: [10.1158/2767-9764.CRC-22-0405](https://doi.org/10.1158/2767-9764.CRC-22-0405). PMID: 36895729; PMCID: PMC9990525.
 9. Fu Z, Brooks MM, Irvin S, Jordan S, Aben KKH, Anton-Culver H, Bandera EV, Beckmann MW, Berchuck A, Brooks-Wilson A, Chang-Claude J, Cook LS, Cramer DW, Cushing-Haugen KL, Doherty JA, Ekici AB, Fasching PA, Fortner RT, Gayther SA, Gentry-Maharaj A, Giles GG, Goode EL, Goodman MT; AOCs Group; Harris HR, Hein A, Kaaks R, Kiemeny LA, Köbel M, Kotsopoulos J, Kotsopoulos J, Le ND, Lee AW, Matsuo K, McGuire V, McLaughlin JR, Menon U, Milne RL, Moysich KB, Pearce CL, Pike MC, **Qin B**, Ramus SJ, Riggan MJ, Rothstein JH, Schildkraut JM, Sieh W, Sutphen R, Terry KL, Thompson PJ, Titus L, van Altena AM, White E, Whittemore AS, Wu AH, Zheng W, Ziogas A, Taylor SE, Tang L, Songer T, Wentzensen N, Webb PM, Risch HA, Modugno F; Ovarian Cancer Association Consortium. Lifetime ovulatory years and risk of epithelial ovarian cancer: a multinational pooled analysis. *J Natl Cancer Inst.* 2023 May 8;115(5):539-551. doi: [10.1093/jnci/djad011](https://doi.org/10.1093/jnci/djad011). PMID: 36688720; PMCID: PMC10165492.
 10. Zeinomar N, **Qin B**, Amin S, Lin Y, Xu B, Chanumolu D, Omene CO, Pawlish KS, Demissie K, Ambrosone CB, Hong CC, Bandera EV. Association of Cigarette Smoking and Alcohol Consumption With Subsequent Mortality Among Black Breast Cancer Survivors in New Jersey. *JAMA Netw Open.* 2023 Jan 3;6(1):e2252371. doi: [10.1001/jamanetworkopen.2022.52371](https://doi.org/10.1001/jamanetworkopen.2022.52371)
 11. Schildkraut JM, Johnson C, Dempsey LF, **Qin B**, Terry P, Akonde M, Peters ES, Mandle H, Cote ML, Peres L, Moorman P, Schwartz AG, Epstein M, Marks J, Bondy M, Lawson AB, Alberg AJ, Bandera EV. Survival of epithelial ovarian cancer in Black women: a society to cell approach in the African American cancer epidemiology study (AACES). *Cancer Causes Control.* 2023 Mar;34(3):251-265. doi: [10.1007/s10552-022-01660-0](https://doi.org/10.1007/s10552-022-01660-0).
 12. Echeverri-Herrera S, Nowels MA, **Qin B**, Grafova IB, Zeinomar N, Chanumolu D, Duberstein PR, Bandera EV. Spirituality and financial toxicity among Hispanic breast cancer survivors in New Jersey. *Support Care Cancer.* 2022 Dec;30(12):9735-9741. doi: [10.1007/s00520-022-07387-7](https://doi.org/10.1007/s00520-022-07387-7).
 13. Ochs-Balcom HM, Johnson C, Guertin KA, **Qin B**, Beeghly-Fadiel A, Camacho F, Bethea TN, Dempsey LF, Rosenow W, Joslin CE, Myers E, Moorman PG, Harris HR, Peres LC, Wendy Setiawan V, Wu AH, Rosenberg L, Schildkraut JM, Bandera EV. Racial differences in the association of body mass index and ovarian cancer risk in the OCWAA Consortium. *Br J Cancer.* 2022 Nov;127(11):1983-1990. doi: [10.1038/s41416-022-01981-6](https://doi.org/10.1038/s41416-022-01981-6)
 14. Llanos AAM, Aremu JB, Cheng TD, Chen W, Chekmareva MA, Cespedes Feliciano EM, **Qin B**, Lin Y, Omene C, Khoury T, Hong CC, Yao S, Ambrosone CB, Bandera EV, Demissie K. Greater Body Fatness Is Associated With Higher Protein Expression of LEPR in Breast Tumor Tissues: A Cross-Sectional Analysis in the Women's Circle of Health Study. *Front Endocrinol (Lausanne).* 2022 Jun 29;13:879164. DOI: [10.3389/fendo.2022.879164](https://doi.org/10.3389/fendo.2022.879164)

15. Plascak JJ, Mooney SJ, Schootman M, Rundle AG, Llanos AA, **Qin B**, Hong CC, Demissie K, Bandera EV, Xu X. Validating a spatio-temporal model of observed neighborhood physical disorder. *Spatial and Spatio-temporal Epidemiology*. 2022 Jun 1;41:100506. doi: [10.1016/j.sste.2022.100506](https://doi.org/10.1016/j.sste.2022.100506)
16. **Qin B**, Kim K**, Goldman N, Rundle AG, Chanumolu D, Zeinomar N, Xu B, Pawlish KS, Ambrosone CB, Demissie K, Hong CC, Lovasi GS, Bandera EV. Multilevel Factors for Adiposity Change in a Population-Based Prospective Study of Black Breast Cancer Survivors. *J Clin Oncol*. 2022 Jul 10;40(20):2213-2223. doi: [10.1200/JCO.21.02973](https://doi.org/10.1200/JCO.21.02973). Selected as NCI Epidemiology and Genomics Research Program (EGRP) 2022 Research Highlights **Mentee
17. Fong AJ, Manne SL, Bandera EV, Llanos AAM, Devine KA, Hudson SV, **Qin B**, Paddock LE, Stroup AM, Frederick S, Greco C, Evens A. Survivorship transition care experiences and preparedness for survivorship among a diverse population of cancer survivors in New Jersey. *European Journal of Cancer Care*. 2022 Mar;31(2):e13553. doi: [10.1111/ecc.13553](https://doi.org/10.1111/ecc.13553)
18. Brieger KK, Phung MT, Mukherjee B, Bakulski KM, Anton-Culver H, Bandera EV, Bowtell DDL, Cramer DW, deFazio A, Doherty JA, Fereday S, Fortner RT, Gentry-Maharaj A, Goode EL, Goodman MT, Harris HR, Matsuo K, Menon U, Modugno F, Moysich K, **Qin B**, Ramus SJ, Risch H, Rossing MA, Schildkraut, JM, Trabert B, Vierkant RA, Winham SJ, Wentzensen N, Wu AH, Ziogas A, Khoja L, Cho K, McLean K, Richardson J, Grout B, Chase A, McKinnon C, Odunsi K, Nelson BH, Brenton JD, Terry KL, Pharoah P, Berchuck A, Hanley GE, Webb PM, Pike MC, Pearce CL, for the Ovarian Cancer Association Consortium. High pre-diagnosis inflammation-related risk score associated with decreased ovarian cancer survival. *Cancer Epidemiology, Biomarkers & Prevention*. 2022 Feb;31(2):443-452. DOI: [10.1158/1055-9965.EPI-21-0977](https://doi.org/10.1158/1055-9965.EPI-21-0977)
19. Rao R, McDonald JA, Barrett ES, Greenberg P, Tete DK, Montgomery SB, **Qin B**, Lin Y, Hong CC, Ambrosone CB, Demissie K, Bandera EV, Llanos AAM. Associations of hair dye and relaxer use with breast tumor clinicopathologic features: Findings from the Women's circle of Health Study. *Environmental Research*. 2022 Jan;203:111863. DOI: [10.1016/j.envres.2021.111863](https://doi.org/10.1016/j.envres.2021.111863)
20. Plascak JJ, Llanos AAM, Mooney SJ, Rundle AG, **Qin B**, Lin Y, Pawlish KS, Hong CC, Demissie K, Bandera EV. Pathways between objective and perceived neighborhood factors among Black breast cancer survivors. *BMC Public Health*. 2021 Nov 6;21(1):2031. DOI: [10.1186/s12889-021-12057-0](https://doi.org/10.1186/s12889-021-12057-0)
21. Mongiovi JM, Hong CC, Zirpoli GR, Khoury T, Omilian AR, **Qin B**, Bandera EV, Yao S, Ambrosone CB, Gong Z. Genetic Variants in COX2 and ALOX Genes and Breast Cancer Risk in White and Black Women. *Frontiers in Oncology*. 2021 Jun 24;11:679998. DOI: [10.3389/fonc.2021.679998](https://doi.org/10.3389/fonc.2021.679998)
22. Bandera EV, **Qin B**, Lin Y, Zeinomar N, Xu B, Chanumolu D, Llanos AAM, Omene CO, Pawlish KS, Ambrosone CB, Demissie K, Hong CC. Association of Body Mass Index, Central Obesity, and Body Composition With Mortality Among Black Breast Cancer Survivors. *JAMA Oncology*. 2021;7(8):1186-1195. DOI: [10.1001/jamaoncol.2021.1499](https://doi.org/10.1001/jamaoncol.2021.1499)
23. **Qin B**, Babel RA**, Plascak JJ, Lin Y, Stroup AM, Goldman N, Ambrosone CB, Demissie K, Hong CC, Bandera EV, Llanos AAM. Neighborhood Social Environmental Factors and Breast Cancer Subtypes among Black Women. *Cancer Epidemiology, Biomarkers & Prevention*. 2021 Feb;30(2):344-350. DOI: [10.1158/1055-9965.EPI-20-1055](https://doi.org/10.1158/1055-9965.EPI-20-1055) **Mentee

24. Plascak JJ, Llanos AAM, **Qin B**, Chavali L, Lin Y, Pawlish KS, Goldman N, Hong CC, Demissie K, Bandera EV. Visual cues of the built environment and perceived stress among a cohort of black breast cancer survivors. *Health Place*. 2021 Jan;67:102498. DOI: [10.1016/j.healthplace.2020.102498](https://doi.org/10.1016/j.healthplace.2020.102498)
25. Xing CY, Doose M, **Qin B**, Lin Y, Carson TL, Plascak JJ, Demissie K, Hong CC, Bandera EV, Llanos AAM. Pre-diagnostic allostatic load and health-related quality of life in a cohort of Black breast cancer survivors. *Breast Cancer Research and Treatment*. 2020 Dec;184(3):901-914. DOI: [10.1007/s10549-020-05901-1](https://doi.org/10.1007/s10549-020-05901-1)
26. Modugno F, Fu Z, Jordan SJ, Group A, Chang-Claude J, Fortner RT, Goodman MT, Moysich KB, Schildkraut JM, Berchuck A, Bandera EV, **Qin B**, Sutphen R, McLaughlin JR, Menon U, Ramus SJ, Gayther SA, Gentry-Maharaj A, Karpinskyj C, Pearce CL, Wu AH, Risch HA, Webb PM. Offspring sex and risk of epithelial ovarian cancer: a multinational pooled analysis of 12 case-control studies. *European Journal of Epidemiology*. 2020 Nov;35(11):1025-1042. DOI: [10.1007/s10654-020-00682-9](https://doi.org/10.1007/s10654-020-00682-9)
27. Gonzalez BD, Eisel SL, **Qin B**, Llanos AAM, Savard J, Hoogland AI, Jim H, Lin Y, Demissie K, Hong CC, Bandera EV. Prevalence, risk factors, and trajectories of sleep disturbance in a cohort of African-American breast cancer survivors. *Support Care Cancer*. 2020 Sep 29. DOI: [10.1007/s00520-020-05786-2](https://doi.org/10.1007/s00520-020-05786-2)
28. Lee AW, Rosenzweig S, Wiensch A; Australian Ovarian Cancer Study Group, Ramus SJ, Menon U, Gentry-Maharaj A, Ziogas A, Anton-Culver H, Whittemore AS, Sieh W, Rothstein JH, McGuire V, Wentzensen N, Bandera EV, **Qin B**, Terry KL, Cramer DW, Titus L, Schildkraut JM, Berchuck A, Goode EL, Kjaer SK, Jensen A, Jordan SJ, Ness RB, Modugno F, Moysich K, Thompson PJ, Goodman MT, Carney ME, Chang-Claude J, Rossing MA, Harris HR, Doherty JA, Risch HA, Khoja L, Alimujiang A, Phung MT, Brieger K, Mukherjee B, Pharoah PDP, Wu AH, Pike MC, Webb PM, Pearce CL. Expanding our understanding of ovarian cancer risk: the role of incomplete pregnancies. *J Natl Cancer Inst*. 2021 Mar 1;113(3):301-308. DOI: [10.1093/jnci/djaa099](https://doi.org/10.1093/jnci/djaa099)
29. Babic A, Sasamoto N, Rosner BA, Tworoger SS, Jordan SJ, Risch HA, Harris HR, Rossing MA, Doherty JA, Fortner RT, Chang-Claude J, Goodman MT, Thompson PJ, Moysich KB, Ness RB, Kjaer SK, Jensen A, Schildkraut JM, Titus LJ, Cramer DW, Bandera EV, **Qin B**, Sieh W, McGuire V, Sutphen R, Pearce CL, Wu AH, Pike M, Webb PM, Modugno F, Terry KL. Association Between Breastfeeding and Ovarian Cancer Risk. *JAMA Oncology*. 2020 Jun 1;6(6):e200421. DOI: [10.1001/jamaoncol.2020.0421](https://doi.org/10.1001/jamaoncol.2020.0421)
30. Bandera EV, Demissie K, **Qin B**, Llanos AAM, Lin Y, Xu B, Pawlish K, Plascak JJ, Tsui J, Omilian AR, McCann W, Yao S, Ambrosone CB, Hong CC. The Women's Circle of Health Follow-Up Study: a population-based longitudinal study of Black breast cancer survivors in New Jersey. *Journal of Cancer Survivorship*. 2020 Jun;14(3):331-346. DOI: [10.1007/s11764-019-00849-8](https://doi.org/10.1007/s11764-019-00849-8)
31. **Qin B**, Xu B, Ji N, Yao S, Pawlish K, Llanos AAM, Lin Y, Demissie K, Ambrosone CB, Hong CC, Bandera EV. Intake of vitamin D and calcium, sun exposure, and risk of breast cancer subtypes among black women. *The American Journal of Clinical Nutrition*. 2020 Jun;14(3):331-346. DOI: [10.1093/ajcn/nqz302](https://doi.org/10.1093/ajcn/nqz302)
32. Xing CY, Doose M, **Qin B**, Lin Y, Plascak JJ, Omene C, He C, Demissie K, Hong CC, Bandera EV, Llanos AAM. Prediagnostic Allostatic Load as a Predictor of Poorly Differentiated and Larger Sized Breast Cancers among Black Women in the Women's Circle of Health Follow-Up Study. *Cancer*

- Epidemiology, Biomarkers & Prevention*. 2020 Jan;29(1):216-224. DOI: [10.1158/1055-9965.EPI-19-0712](https://doi.org/10.1158/1055-9965.EPI-19-0712)
33. Szamreta EA, **Qin B**, Rivera-Núñez Z, Parekh N, Barrett ES, Ferrante J, Lin Y, Bandera EV. Greater adherence to a Mediterranean-like diet is associated with later pubertal development in peripubertal girls. *Public Health Nutrition*. 2020 Apr;23(6):1020-1030. DOI: [10.1017/S1368980019002349](https://doi.org/10.1017/S1368980019002349)
 34. Inoue Y, Howard AG, **Qin B**, Yazawa A, Stickley A, Gordon-Larsen P. The association between family members' migration and cognitive function among people left behind in China. *PLoS One*. 2019 Sep 26;14(9):e0222867. DOI: [10.1371/journal.pone.0222867](https://doi.org/10.1371/journal.pone.0222867)
 35. Szukis HA, **Qin B**, Xing CY, Doose M, Xu B, Tsui J, Lin Y, Hirshfield KM, Ambrosone CB, Demissie K, Hong CC, Bandera EV, Llanos AAM. Factors associated with initial mode of breast cancer detection among Black women in the Women's Circle of Health Study. *Journal of Oncology*. 2019 Article ID 3529651. DOI: [10.1155/2019/3529651](https://doi.org/10.1155/2019/3529651)
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Invited Editorials/Reviews/Reports

61. McDougall JA, Hastert TA, Teteh DK, Rogers CR, Moss JL, Ochoa-Dominguez CY, Chebli P, Sutton AL, **Qin B**, Warner ET, Xiong S. Addressing Social Risks to Accelerate Health Equity in Cancer Prevention and Control. *Cancer Epidemiol Biomarkers Prev*. 2024 Feb 6;33(2):337-340. doi: [10.1158/1055-9965.EPI-23-1212](https://doi.org/10.1158/1055-9965.EPI-23-1212). PMID: 38317629.

62. Zeinomar N, Bandera EV, **Qin B**. Toward Understanding the Etiology of Male Breast Cancer: An Ongoing Research Challenge. *JNCI Cancer Spectrum*. 2021 Aug 28;5(5):pkab079. DOI: [10.1093/jncics/pkab079](https://doi.org/10.1093/jncics/pkab079)
63. Bandera EV, Alfano CM, **Qin B**, Kang DW, Friel CP, Dieli-Conwright CM. Harnessing Nutrition and Physical Activity for Breast Cancer Prevention and Control to Reduce Racial/Ethnic Cancer Health Disparities. *American Society of Clinical Oncology Educational Book*. 2021 Mar;41:1-17. DOI: [10.1200/EDBK_321315](https://doi.org/10.1200/EDBK_321315)
64. Inoue Y, **Qin B**, Poti J, Sokol R, Gordon-Larsen P. Epidemiology of Obesity in Adults: Latest Trends. *Current Obesity Reports*. 2018 Dec;7(4):276-288. DOI: [10.1007/s13679-018-0317-8](https://doi.org/10.1007/s13679-018-0317-8)
65. Poti J, Braga BC, **Qin B**. Ultra-processed Food Intake and Obesity: What Really Matters for Health-Processing or Nutrient Content? *Current Obesity Reports*. 2017 Dec;6(4):420-431. DOI: [10.1007/s13679-017-0285-4](https://doi.org/10.1007/s13679-017-0285-4)

Commentaries

66. Iyer HS, Shi X, Satagopan JM, Cheng I, Roscoe C, McLaughlin RH, Stroup AM, Setoguchi S, Bandera EV, Hernandez BY, Doherty JA, Hsieh MC, Knowlton R, **Qin B**, Laden F, Rebbeck TR, Gomez SL. Advancing Social and Environmental Research in Cancer Registries Using Geomasking for Address-Level Data. *Cancer Epidemiol Biomarkers Prev*. 2023 Nov 1;32(11):1485-1489. DOI: [10.1158/1055-9965.EPI-23-0790](https://doi.org/10.1158/1055-9965.EPI-23-0790). PMID: 37908192.

Letters to the Editor

67. Bandera EV, **Qin B**, Hong C. Association of Adiposity With Mortality Among Black Patients With Breast Cancer—Reply. *JAMA Oncology*. Published online November 11, 2021. DOI: [10.1001/jamaoncol.2021.5762](https://doi.org/10.1001/jamaoncol.2021.5762)
68. **Qin B**, Peres LC, Schildkraut JM, Bandera EV. Reply to ‘Comment on ‘Dairy, calcium, vitamin D and ovarian cancer risk in African-American women’’. *British Journal of Cancer*. 2018 Jul;119(2):260-262. DOI: [10.1038/s41416-018-0163-1](https://doi.org/10.1038/s41416-018-0163-1)
69. **Qin B**. Regarding "Fruit, vegetables, and olive oil and risk of coronary heart disease in Italian women: the EPICOR Study". *The American Journal of Clinical Nutrition*. 2011;94(1):287-8. DOI: [10.3945/ajcn.111.016766](https://doi.org/10.3945/ajcn.111.016766)

Book Chapters

70. Bandera EV, Hong CC, **Qin B**. Impact of Obesity and Related Factors in Breast Cancer Survivorship Among Hispanic Women. In *Advancing the Science of Cancer in Latinos: Building Collaboration for Action*, edited by Ramirez AG, Trapido EJ. 2023 (pp. 163-176). Springer.

SELECTED ABSTRACTS/POSTER PRESENTATIONS:

1. **Tsion A****, Bandera EV, Johnson C, Peres LC, Haller K, Terry P, Akonde M, Peters ES, Cote ML, Hastert TA, Epstein M, Marks J, Bondy M, Lawson AB, Alberg AJ, Schildkraut JM, **Qin B**. Better Dietary Quality is Associated with Improved Survival for Black Women with High-Grade Serous

- Ovarian Cancer. ASPO's 48th Annual Meeting, March 17 - 19, 2023. Chicago, IL **Trainee
2. **Qin B**, Vyas M**, Moore SC, Su X, White E, Ambrosone CB, Demissie K, Hong CC, Bandera EV. Reproducibility of plasma metabolome over 1 year in a population-based study of Black breast cancer survivors. 16th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Orlando, FL, September 30, 2023. *Cancer Epidemiology, Biomarkers & Prevention*. 2023 Dec 1;32(12_Supplement):B072-. **Mentee
 3. Sánchez-Díaz C**, Babel R**, Goldman N, Iyer H, Zeinomar N, Rundle A, Ambrosone C, Demissie K, Hong CC, Lovasi G, Bandera E, **Qin B**. Neighborhood Archetypes and Cardiovascular Health among Black Breast Cancer Survivors in the Women's Circle of Health Follow-Up Study. ASPO's 47th Annual Meeting, March 12 - 14, 2023. San Diego, CA. **Mentee
 4. Carola Sánchez-Díaz**, Riddhi Babel**, Noreen Goldman, Hari Iyer, Nur Zeinomar, Andrew Rundle, Christine Ambrosone, Kitaw Demissie, Chi-Chen Hong, Gina Lovasi, Elisa Bandera, **Bo Qin**. A Neighborhood-Centered Approach to Characterizing Neighborhood Archetypes Among Black Breast Cancer Survivors in the Women's Circle of Health Follow-Up Study. NCI Comprehensive Cancer Center Meeting - Solving Critical Problems in Cancer Control using Spatial Science, January 18 - 19, 2023. Los Angeles, CA. **Mentee
 5. **Qin B**, Manikandan S**, Tomita-Barber J**, Liu H, Li S, Su X, Zeinomar N, Demissie K, Hong CC, Bandera EV. Metabolomic Profiles Among Black Breast Cancer Survivors in the Women's Circle of Health Follow-Up Study. The 2022 Annual Retreat on Cancer Research in New Jersey, New Brunswick, NJ, May 25, 2022. **Mentee
 6. Babel R**, Bandera EV, Lin Y, Zeinomar N, Demissie K, Hong CC, **Qin B**. Cardiovascular health among Black breast cancer survivors. ASPO's 46th Annual Meeting, March 13-15, 2022. Tucson, AZ. **Mentee
 7. Kim K**, Bandera EV, Xu B, Chanumolu D, Rundle AG, Hurvitz PM, Ambrosone CB, Demissie K, Hong CC, Lovasi GS, **Qin B**. Multilevel Risk Factors for Weight Change after Breast Cancer Diagnosis Among Black Women. *Cancer Epidemiology and Prevention Biomarkers*. 2021 Apr 1;30(4):806-. *one of the 23 highest scoring abstracts of those submitted for presentation at the 45th Annual ASPO meeting. **Mentee
 8. **Qin B**, Llanos AAM, Babel R, Plascak JJ, Pawlish K, Diez Roux A, Ambrosone CB, Demissie K, Hong CC, Bandera EV. Neighborhood socioeconomic status and breast cancer subtypes among Black women: findings from the Women's Circle of Health Study. ASPO's 44th Annual Virtual Conference, Mar 2020. *Received ASPO Cancer Health Disparities SIG Poster Award
 9. **Qin B**, Llanos AAM, Babel R, Plascak JJ, Pawlish K, Ambrosone CB, Demissie K, Hong CC, Bandera EV. Impact of neighborhood socioeconomic status on breast cancer subtypes among Black women. 12th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, San Francisco, CA, Sep 2019.
 10. **Qin B**, Babel R**, Plascak JJ, Pawlish K, Llanos AAM, Bandera EV. Impact of neighborhood socioeconomic status on breast cancer subtypes among black women. 2019 Annual Retreat on Cancer Research in New Jersey, New Brunswick, NJ, May 2019. **Mentee

11. **Qin B**, Xu B, Yao S, Ji N, Pawlish K, Llanos A, Demissie K, Ambrosone CB, Hong CC, Bandera EV. Intakes of vitamin D and calcium, sun exposure, and risk of breast cancer subtypes among Black women. American Institute for Cancer Research (AICR) 2019 Conference, Chapel Hill, NC, May 2019
12. **Qin B**, Xu B, Ji N, Pawlish K, Yao S, Ambrosone CB, Demissie K, Hong CC, Bandera EV. Dietary calcium and vitamin D and sun exposure with the risk of breast cancer among African American women. 11th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, New Orleans, LA, Nov 2018
13. **Qin B**, Llanos AAM, Lin Y, Szamreta E, Plascak JJ, Oh H, Pawlish K, Ambrosone CB, Demissie K, Hong CC, Bandera EV. Validity of self-reported weight, height and body mass index among African American breast cancer survivors: the Women's Circle of Health Follow-Up Study. 42nd Annual American Society of Preventive Oncology (ASPO) Conference, New York, NY, Mar 2018.
14. Szamreta EA, **Qin B**, Rivera-Núñez Z, Lin Y, Oh H, Ferrante JM, Bandera EV. Associations of meal skipping and snacking with nutrient intake, body composition, and puberty in 9 & 10 year old girls. New York City Epidemiology Forum (NYCEF) Fifth Annual Conference, Newark, NJ, Feb 2018.
15. **Qin B**, Llanos AAM, Lin Y, Szamreta E, Plascak JJ, Oh H, Pawlish K, Ambrosone CB, Demissie K, Hong CC, Bandera EV. Validity of self-reported weight, height and body mass index among African American breast cancer survivors. New York City Epidemiology Forum (NYCEF) Fifth Annual Conference, Newark, NJ, Feb 2018.
16. **Qin B**, Llanos AAM, Lin Y, Szamreta E, Plascak JJ, Oh H, Pawlish K, Ambrosone CB, Demissie K, Hong CC, Bandera EV. Validity of self-reported weight, height and body mass index among African American breast cancer survivors: the Women's Circle of Health Follow-Up Study. Tenth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Atlanta, GA, Sep 2017. *Cancer Epidemiology and Prevention Biomarkers*, 2018;27(7 Supplement), pp. A57
17. Bandera EV, Lee V, **Qin B**, Rodriguez-Rodriguez L, Powell B, Kushi LH. Obesity and ovarian cancer survival revisited. American Association for Cancer Research (AACR) Annual Meeting, Washington, DC, April 2017. *Cancer Research*, 2017;77(13 Supplement), pp. 5323
18. **Qin B**, Moorman PG, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Terry P, Schildkraut JM, and Bandera EV. Calcium, Vitamin D, and Lactose Intakes and Ovarian Cancer Risk in African-American Women. American Institute for Cancer Research (AICR) Research Conference, North Bethesda, MD, Nov 2016.
19. **Qin B**, Moorman PG, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Terry P, Schildkraut JM, and Bandera EV. Dairy, calcium, vitamin D and ovarian cancer risk in African-American women. Ninth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Fort Lauderdale, FL, Sep 2016. *Cancer Epidemiology and Prevention Biomarkers*, 2017; 26(2 Supplement), pp. B51
20. **Qin B**, Moorman PG, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Terry P, Schildkraut JM, and Bandera EV. Calcium, Vitamin D, and Lactose Intakes and

Ovarian Cancer Risk in African-American Women. The 2016 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ, May 2016.

21. Bandera EV, **Qin B**, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Terry P, Moorman PG, Schildkraut JM. Obesity, weight gain, and ovarian cancer risk in African American women. Eighth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Atlanta, GA, October 2015. *Cancer Epidemiology and Prevention Biomarkers*, 2016;25(3 Supplement), pp. A73
22. **Qin B**, Moorman PG, Alberg AJ, Barnholtz-Sloan J, Bondy M, Cote ML, Funkhouser E, Peters E, Schwartz A, Terry P, Schildkraut JM, Bandera EV. Dietary quality and ovarian cancer risk in African Americans. Eighth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Atlanta, GA, October 2015. *Cancer Epidemiology and Prevention Biomarkers*, 2016;25(3 Supp) PR05 *Selected for oral presentation, awarded AACR Scholar-in-Training Award
23. **Qin B**, Moorman PG, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Terry P, Moorman PG, Schildkraut JM, Bandera EV. Dietary carbohydrate intake, glycemic load, glycemic index and ovarian cancer risk in African-American women. The 2015 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ, May 2015.
24. **Qin B**, Plassman BL, Adair LS, Edwards LJ, Popkin BM, and Mendez MA. Fish intake is associated with slower cognitive decline in Chinese older adults: a longitudinal study from the China Health and Nutrition Survey (CHNS). *Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism Scientific Sessions (American Heart Association)*, San Francisco, CA, Mar 2014. *Circulation*. 2014;129:AP185
25. **Qin B**, Xun P, Zhu N, Jacobs DR, Steffen LM, Daviglius ML, Van Horn L, Reis JP, Loria C, Liu K, He K. B vitamin intake in early adulthood and cognition in late midlife: Coronary Artery Risk Development in Young Adults (CARDIA). *Experimental Biology (Annual Meeting of the American Society for Nutrition)*, Boston, MA, April 2013. *The FASEB Journal*. 2013;27:840.2
26. **Qin B**, Popkin BM, Mendez MA. Body mass index in relation to memory performance in Chinese older adults: the China Health and Nutrition Survey (CHNS). *Epidemiology and Prevention/Nutrition, Physical Activity and Metabolism Scientific Sessions (American Heart Association)*, New Orleans, LA, Mar 2013. *Circulation*. 2013; 127: AP037. *Selected for moderated poster presentation

INVITED SPEAKER:

1. Memorial Sloan Kettering Epidemiology Service Meeting Series, New York, NY, February 26, 2024: “Investigating Multilevel Determinants of Breast Cancer and Ovarian Cancer”
2. Rutgers Department of Nutritional Sciences Seminar Series, New Brunswick, NJ, Exp. October 2024: “Neighborhoods, Lifestyles, and Metabolome: A Multilevel Investigation into Breast Cancer and Ovarian Cancer”
3. Invited Speaker and Panelist, 16th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Session: From Diversity to Equity: Navigating

- Cancer Survivorship Across the Lifespan, Orlando, FL, October 1, 2023: “Multilevel Factors for Adiposity and Cardiovascular Health Among Black Breast Cancer Survivors”
4. MD Anderson Cancer Center at Cooper Special Lecture, Camden, NJ, July 25, 2023: “Investigating Multilevel Determinants of Breast Cancer and Health Disparities”
 5. Roswell Park Comprehensive Cancer Center Population Sciences Program Grand Rounds, Buffalo, NY, June 12, 2023: “Breast Cancer and Health Disparities: Understanding the Roles of Neighborhoods, Lifestyles, and Metabolome”
 6. Korea University Department of Precision Public Health Graduate Seminar Series in Public Health, Virtual, March 14, 2023: “Multilevel Determinants of Breast Cancer and Ovarian Cancer”
 7. NJ ACTS Special Populations Core 2021 Webinar Series, Environmental and Community Determinants of Health: Exploring Health Outcomes Using Area-Level Data, Virtual, 10/12/2021: “Neighborhood Environment and Breast Cancer”
 8. Invited Speaker and Panelist, American Society of Preventive Oncology (ASPO) Junior Members Session 1: A Breakdown of Your First Career Development Award, Virtual, 04/23/2020: “Candidate Information and Goals for Career Development”

ORAL PRESENTATIONS:

9. Rutgers Cancer Institute- Ludwig Princeton Branch at Princeton University Annual Cancer Research Symposium, Princeton, NJ, October 17, 2023: “Reproducibility of plasma metabolome over 1 year in a population-based study of Black breast cancer survivors”
10. Rutgers Cancer Institute Community Outreach & Engagement Community Science Café, Virtual, September 18, 2023: “Seeking Suggestions: Naming Neighborhood Types in a NJ-based Study of Black Breast Cancer Survivors”
11. ScreenNJ’s Monthly Discussion and Resource Sharing Meeting, Virtual, NJ, Apr 25, 2023: “Social Determinants of Health and Breast Cancer Among Black Women: Findings from the Women's Circle of Health Follow-Up Study”
12. The 2022 Annual Retreat on Cancer Research in New Jersey, New Brunswick, NJ, May 25, 2022: “Multilevel Factors for Adiposity Change in a Population-Based Prospective Study of Black Breast Cancer Survivors”
13. The 2022 Cancer Prevention and Control (CPC) Annual Retreat, Virtual, March 22, 2022: “Multilevel factors for adiposity change in a population-based prospective study of Black breast cancer survivors”
14. Rutgers CINJ Cancer Prevention and Control Program Monthly Meeting, Virtual, 11/16/2021: “Social and Built Environment Factors for Breast Cancer”
15. American Society of Preventive Oncology (ASPO) 45th Annual Meeting, Virtual, Paper Session 4: New Findings in Cancer Survivorship Research, 03/31/2021: “Multilevel Risk Factors for Weight Change after Breast Cancer Diagnosis Among Black Women”

16. Rutgers CINJ Cancer Prevention and Control Retreat, Flash Talk Presentations, Virtual, 11/16/2020: “A Multilevel Approach to Cardiovascular Health among Black Breast Cancer Survivors”
17. Drexel University Urban Health Collaborative RECVD (the Retail Environment and Cardiovascular Disease) Project Monthly Meeting, Virtual, 11/10/2020: “Multilevel Risk Factors for Weight Change After Breast Cancer Diagnosis Among Black Women”
18. Rutgers Center for Environmental Exposures and Disease (CEED) Human Exposures and Outcomes core meeting, Piscataway, NJ, 02/06/20: “Neighborhood environment, diet, and breast cancer among Black women”
19. 2019 Annual Retreat on Cancer Research in New Jersey, New Brunswick, NJ, 05/23/2019: “Vitamin D, calcium and risk of breast cancer subtypes among Black women”
20. Rutgers Cancer Institute of New Jersey Cancer Prevention and Control (CPC) meeting, New Brunswick, NJ, 03/20/2017: “Dietary Factors and Ovarian Cancer Risk in African-American Women”
21. 2016 American Institute for Cancer Research (AICR) Research Conference, North Bethesda, MD, 11/14/2016: “Dairy, Calcium, Vitamin D and Ovarian Cancer Risk in African-American Women”
*Awardee of the John A. Milner Poster Prize
22. Eighth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Atlanta, GA, 11/15/2015: “Dietary Quality and Ovarian Cancer Risk in African-American Women”. *Being identified as a newsworthy candidate for the conference’s media relations program
23. New Jersey State Cancer Registry Research Symposium, Princeton, NJ, 09/10/2015: “Dietary Factors and Ovarian Cancer Risk in African Americans”
24. American Heart Association Epidemiology and Prevention/Lifestyle and Cardiometabolic Health (EPI/Lifestyle), Baltimore, MD, 03/05/2015: “Visit-to-visit Variability in Blood Pressure is Related to Late-life Cognitive Decline”. *Being identified as the finalist of the Jeremiah and Rose Stamler Research Award for New Investigators
25. American Heart Association Epidemiology and Prevention/ Nutrition, Physical Activity and Metabolism Scientific Sessions (EPI/NPAM), New Orleans, LA, 03/2013: “Body mass index in relation to memory performance in Chinese older adults: the China Health and Nutrition Survey (CHNS)”

MEDIA INTERVIEWS

Star Ledger's THINK PINK interview. Topic: Lifestyle changes for breast cancer risk. Interview date: September 25, 2023. Release date: October 5, 2023

ScreenNJ and NJ Family interview. Topic: How healthy choices can reduce your cancer risk. Interview date: August 31, 2023. Release date: October 2023

Medical News Today interview. Topic: How multivitamins affect health. Interview date: July 10, 2022

"Science to the Sidewalk" Video Project. Topic: Diet & Lifestyle in Cancer Risk (Breast and Ovarian Cancer). Interview date: June 2021. Released date: February 4, 2022

Interviewed and/or reported by Rutgers CINJ, MedicalResearch.com, American Institute of Cancer Research, MecalXpress, LifeScienceDaily *et al.* Topic: "High Calcium, Low Lactose Diet May Reduce Risk of Ovarian Cancer in African-American Women". Released date: September 16, 2016.

Interviewed by American Heart Association, HealthyDay, MedicalResearch.com *et al.* Reported by more than 100 news outlets such as MSN, Yahoo, WebMD, US News, CNBC, ScienceDaily *et al.* Topic: Higher fluctuations in blood pressure linked to brain function decline. Released date: May 23, 2016.

Interviewed and/or reported by American Association for Cancer Research, Fox News, MedicalResearch.com, US News, ScienceDaily, Medical Daily, Science World Report *et al.* Topic: Healthy Diet May Lower Black Women's Risk of Ovarian Cancer. Released date: Nov 13, 2015.

TEACHING EXPERIENCE:

Guest lecture: "Nutrition and Cancer Epidemiology: Methodology and Application". Course: Cancer Epidemiology (Course instructor: Dr. Adana Llanos; Dr. Judith Graber), Rutgers School of Public Health, Piscataway, NJ. Summer 2015; Spring 2016; Spring 2017; Summer 2018; Spring 2020; Summer 2022; Spring 2023

Guest Lecture: "Nutritional Epidemiology". Course: Diet, Nutrition and Disease Prevention in Pharmacy Practice (Course instructor: Dr. Chung S. Yang), Rutgers School of Pharmacy, Piscataway, NJ. Spring 2015; Spring 2016; Spring 2017; Spring 2018; Spring 2019; Spring 2020; Spring 2021; Spring 2022; Spring 2024

Panel speaker: Manuscript Writing Workshop. RWJMS Internal Medicine Residency Research Track Lecture (Lead: Dr. Soko Setoguchi), Rutgers Robert Wood Johnson Medical School, NJ. December 2021

Guest lecture: "Cancer Health Disparities and Epidemiological Studies: Breast and Ovarian Cancer". RWJMS Internal Medicine Residency Research Track Lecture (Lead: Dr. Soko Setoguchi), Rutgers Robert Wood Johnson Medical School, NJ. March 2021

Guest lecture: "Multilevel Factors for Breast/Ovarian Cancer and Cancer Health Disparities". Course: Global Cancer Epidemiology (Course instructor: Dr. Niyati Parekh), New York University School of Global Public Health, New York, NY. Spring 2021

Guest lecture: "Practical Applications of Nutrition Epidemiology". Course: Nutrition Epidemiology (Course instructor: Dr. Andrea Deierlein), New York University Global Institute of Public Health, New York, NY. Spring 2015

Invited facilitator: "Fish intake and Prostate Cancer: Methods Issues". Course: Doctoral Seminar in Department of Nutrition, University of North Carolina at Chapel Hill, NC. Aug 2013

Teaching assistant and lectures: "Lab on Computerized Diet Analysis: Demonstration of software for a 24-hr recall and a Nutrient Database", "Introduction to Energy Adjustment" and "Principle and Application of Meta-Analysis in Nutritional Epidemiology". Course: Nutrition Epidemiology (Course instructor: Dr. Ka He), University of North Carolina at Chapel Hill, NC. Spring 2012

MENTORING EXPERIENCE:

Undergraduate Student Advising

2022: Christabel Otoo, Rutgers University (The Rutgers Youth Enjoy Science [RUYES] program; Role: Primary Mentor)

2021 Spring: Oluchi Emeana, Rutgers School of Arts and Sciences (Project SUPER program; Role: Co-Mentor)

Medical Student/Resident Advising

2024 - Present: Amogh Kudva, MD Candidate, Rutgers Robert Wood Johnson Medical School (Role: Research mentor)

2022 - Present: Madhir Vyas, MD Candidate, Rutgers Robert Wood Johnson Medical School (Role: Research mentor)

2021 - Present: Jasmine Tomita-Baber, MD, Rutgers Robert Wood Johnson Medical School (Role: Research mentor)

2021 - Present: Sneha Manikandan, MD Candidate, Rutgers Robert Wood Johnson Medical School (Role: Research advisor; Matched to Internal Medicine Residency at Rutgers RWJ)

2021: Belquis Shahsamand, MD Candidate, Rutgers Robert Wood Johnson Medical School (Role: Research mentor)

2020 - 2022: Kate Kim, MD Candidate, Rutgers Robert Wood Johnson Medical School (Awarded 2020 RWJMS Summer Research Fellowship; Role: Primary Mentor; Matched to Vascular Surgery Residency at The Mount Sinai Hospital)

Graduate Student Advising

2022 Fall - 2023 Spring: Raven Profit, MPH candidate, Rutgers School of Public Health (Role: Applied Practicum Experience Preceptor)

2020 Fall: Jeffrey Addy, MPH candidate, Rutgers School of Public Health (Role: Applied Practicum Experience Preceptor)

2018 - 2022: Riddhi Babel, PhD, Rutgers School of Public Health (Role: Research advisor)

2017 - 2018: Elizabeth A. Szamreta, PhD, MPH, Doctoral Student, Rutgers School of Public Health

2016 - 2017: Susan Gabriel, PhD, Doctoral Student, Rutgers School of Public Health

Postdoctoral Scholar Advising

2021 - 2023: Carola T. Sánchez Díaz, PhD, Rutgers Cancer Institute of New Jersey (Role: mentor on NJCCR postdoctoral grant; Now is Faculty/Assistant Investigator at University of Puerto Rico Comprehensive Cancer Center)

2021 - 2022: Saber Amin, MD, PhD, Rutgers Cancer Institute of New Jersey (Role: advisory committee; Now is Assistant Professor at University of Nebraska Medical Center)

2020 - 2021: Zhaomeng Niu, PhD, Rutgers Cancer Institute of New Jersey (Role: advisory committee; Now is Assistant Professor at Rutgers University)

2020 - 2021: Trishnee Bhurosy, PhD, Rutgers Cancer Institute of New Jersey (Role: advisory committee; Now is Assistant Professor at University of Vermont)

PROFESSIONAL ORGANIZATIONS AND SERVICE:

Professional Organizations

- Metabolomics Society (2020 - Present)
- American Society of Preventive Oncology (2017 - Present)
Vice Chair (Chair-elect), ASPO Cancer Health Disparities Special Interest Group, August 2023 – Present
- American Association for Cancer Research (2015 - Present)
- American Heart Association (2014 - Present)
- American Society for Nutrition (2012 - Present)

Professional Service

National

- Leader and organizer, ASPO Cancer Health Disparities Poster Award, 2024
- Abstract Reviewer, 48th ASPO Annual Conference, March 2024
- Vice Chair (Chair-elect), ASPO Cancer Health Disparities Special Interest Group, August 2023 – Present
- Leadership Council Member of ASPO Cancer Health Disparities Special Interest Group, August 2022 – July 2023
- Co-leader and organizer, ASPO Cancer Health Disparities Poster Award, 2023
- Abstract Reviewer, 47th ASPO Annual Conference, 2023
- Abstract Reviewer, 46th ASPO Annual Conference, 2022
- Poster Award Reviewer, American Institute for Cancer Research 2021 Research Conference John A Milner Poster Award, November 2021
- Poster Award Reviewer, American Institute for Cancer Research 2021 Research Conference Graduate Student Poster Award, November 2021
- Poster Award Reviewer, 45th ASPO Cancer Health Disparities Special Interest Group Poster Award, Virtual, March 2021
- Abstract Reviewer, 45th ASPO Annual Conference, Virtual, March 2021
- Abstract Reviewer, 44th ASPO Annual Conference, Virtual, March 2020
- Abstract Reviewer, Nutrition 2018 - American Society for Nutrition's Annual Meeting, Boston, MA, June 2018

Regional

- Scientific Committee Member & Abstract Reviewer, The New York City Epidemiology Forum (NYCEF) 9th Annual Conference, 2023
- Co-Chair, Cancer Prevention and Control Session, The 2022 Annual Retreat on Cancer Research in New Jersey, May 2022
- Scientific Committee Member & Abstract Reviewer, NYCEF 8th Annual Conference, May 2022
- Scientific Committee Member & Abstract Reviewer, NYCEF 7th Annual Conference, February 2020

School/Department

- Liaison for Cancer Prevention and Control Research Program, CINJ Cancer Research Training and Education Coordination (CRTEC) Advisory Committee, 2024 - Present
- Member, Pediatric Population Science Faculty Search Committee, Rutgers CINJ, 2022 - Present
- Member, Rutgers CINJ Cancer Epidemiology Workgroup, 2020 - Present
- Member, Rutgers Cancer Health Equity Center of Excellence, 2020 - Present
- Member, Rutgers Cancer Survivorship and Outcomes Center, 2020 - Present
- Member, Faculty Search Committee, Cancer Epidemiology and Health Outcomes, Rutgers CINJ (2019 - Present)
- Member, Cancer Prevention and Control Strategic Planning focus group, Rutgers CINJ, August 2020 & November 2021
- Member, Rutgers CINJ “Science to the Sidewalk” Video Project, June 2021
- Facilitator, Virtual 2020 Rutgers Robert Wood Johnson Medical School Summer Research Program Symposium, July 2020
- Selection Committee Member, Rutgers Robert Wood Johnson Medical School Summer Research Fellowship Program, March 2020
- Member, Postdoctoral Scholar Advisory Committee, Section of Population Science, Rutgers CINJ (2020)
- Member, Cancer Epidemiology Workgroup, Rutgers CINJ and Rutgers School of Public Health (2014 - 2020)
- Member, The Population Science Research Support Shared Resource DatStat Steering Committee, Rutgers CINJ (2016 - 2019)

Ad Hoc Reviewer for Journals (selected)

- Advances in Nutrition, 12/2022
- Annals of Oncology, 10/2018
- American Journal of Clinical Nutrition, 05/2018, 08/2018, 11/2018, 07/2020, 12/2020
- Behavioral Medicine, 07/2019, 09/2019
- British Journal of Nutrition, 10/2016, 08/2019, 11/2019, 01/2020, 12/2020, 02/2021
- British Journal of Cancer, 03/2021, 08/2021
- Cancer, 12/2021
- Cancer Epidemiology, Biomarkers & Prevention, 12/2019, 10/2023
- Clinical Interventions in Aging, 05/2016
- European Heart Journal, 12/2023
- European Journal of Clinical Nutrition, 09/2017
- European Journal of Nutrition, 04/2020, 06/2020, 08/2020, 12/2020, 02/2021
- Future Oncology, 10/2021
- International Journal of Cancer, 04/2018, 08/2018, 03/2019, 05/2019
- International Journal of Environmental Research and Public Health, 05/2016, 03/2017, 07/2017
- JNCI Cancer Spectrum, 09/2019
- Journal of Cancer Survivorship, 08/2018, 04/2019, 06/2019
- Journal of Racial and Ethnic Health Disparities, 04/2018

- Journal of the Academy of Nutrition and Dietetics, 12/2015, 04/2017, 08/2018, 02/2019
- Nutrients, 07/2016, 08/2017, 08/2021
- Nutrition, 07/2017
- Nutrition Research Reviews, 11/2015, 11/2018
- PLOS ONE, 12/2014, 04/2015, 07/2016
- Scientific Reports, 04/2017
- Trends in Molecular Medicine, 06/2022

Editorial Boards

- First Editor, British Journal of Nutrition, Cambridge University Press (2021 - Present)
- First Editor, Journal of Nutritional Science, Cambridge University Press (2021 - 2023)
- Topical Advisory Panel, Cancers, MDPI, 2021 - Present

Grant Review Activities

- Reviewer, CDC National Center for Chronic Disease Prevention and Health Promotion Special Emphasis Panel, April 2024
- Reviewer, NIH Social and Environmental Determinants of Health (SEDH) Study Section, February 2024
- Reviewer, Department of Defense FY23 Ovarian Cancer Research Program Investigator-Initiated Research Award, September 2023
- Reviewer, California Breast Cancer Research Program (CBCRP) Grant Review Panel, April 2023
- Reviewer, Department of Defense (DoD) Peer Reviewed Cancer Research Program on the Career and Translational Team - Gastrointestinal Cancers (CTT-GIC) peer review panel, October 2022
- Reviewer, Rutgers Center for Cancer Health Equity Mini Pilot Program, December 2021
- Reviewer, American Institute for Cancer Research Grant Review Panel, August 2020
- *Ad hoc* Reviewer, 2021 Raine Priming Grant Application, University of Western Australia (Raine Medical Research Foundation), June 2020
- *Ad hoc* Reviewer, World Cancer Research Fund (WCRF) International Regular Grant Program, April 2020
- *Ad hoc* Reviewer, Cancer Research UK, July 2019