CURRICULUM VITAE

DATE: December 08, 2023

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 Email: bonnie.qin@rutgers.edu

Phone: 732-354-7140

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

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	Cancer Epidemiology and Health Outcomes, Rutgers Cancer Institute of New Jersey
Feb 2019 - May 2020	Instructor of Medicine, 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	Full Member, Cancer Prevention and Control Program, Rutgers Cancer Institute of New Jersey
Jul 2017 - Jan 2019	Research Associate, Department of Population Science, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ

OTHER PROFESSIONAL ACTIVITIES:

2010 - 2014	Graduate Research Assistant, Nutrition Department and Carolina Population Center, UNC-Chapel Hill School of Public Health, NC
Summer 2011	Research Intern, Evidence Based Medicine, Research & Development, Sanofi, Bridgewater, NJ
2009 - 2010	Laboratory Research Assistant, Department of Applied Biology with Biotechnology, Hong Kong Polytechnic University, Hong Kong
Summer 2008	Laboratory Research Assistant, 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 Present)
- 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. DeFriese 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)

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- HSBC Scholarship for Mainland Student (2008, 2009 & 2010)
- HKPU Post-entry Scholarship for UGC-funded Undergraduate (2007 & 2008)

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

K99/R00 MD013300 (Qin)

08/14/2018 – 05/30/2024 (NCE)

\$931,823

NIH-NIMHD

K99: 75% effort/R00: 25% 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 - 12/312024 (NCE)

\$151,740

New Jersey Commission on Cancer Research Post Doctoral Fellowship 5% effort (in kind)

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"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

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

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 African-American women.

Role: PI

PUBLICATIONS:

Refereed Original Article in Journals

- 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. PMID: 37647068; PMCID: PMC10469269.
- 2. 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. PMID: 37436712.
- 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. PMID: 37242237; PMCID: PMC10223681.

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- 4. 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. PMID: 37220873; PMCID: PMC10390886.
- 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. PMID: 37249585.
- 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. PMID: 36895729; PMCID: PMC9990525.
- 7. 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, Kiemeney 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. PMID: 36688720; PMCID: PMC10165492.
- 8. 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
- 9. 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.
- 10. 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.
- 11. 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

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- ovarian cancer risk in the OCWAA Consortium. *Br J Cancer*. 2022 Nov;127(11):1983-1990. doi: 10.1038/s41416-022-01981-6
- 12. 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
- 13. 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
- 14. **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. Selected as NCI Epidemiology and Genomics Research Program (EGRP) 2022 Research Highlights **Mentee
- 15. 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
- 16. 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
- 17. Rao R, McDonald JA, Barrett ES, Greenberg P, Teteh 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
- 18. 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
- 19. 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

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- 20. 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
- 21. **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 **Mentee
- 22. 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
- 23. 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
- 24. 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
- 25. 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
- 26. 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
- 27. 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
- 28. 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*

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- Survivorship. 2020 Jun;14(3):331-346. DOI: 10.1007/s11764-019-00849-8
- 29. **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
- 30. 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
- 31. 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
- 32. 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
- 33. 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
- 34. Peres LC, Hebert JR, **Qin B**, Guertin KA, Bandera EV, Shivappa N, Camacho TF, Chyn D, Alberg AJ, Barnholtz-Sloan J, Bondy ML, Cote ML, Funkhouser E, Moorman PG, Peters ES, Schwartz AG, Terry PD, Schildkraut JM. Prediagnostic proinflammatory dietary potential is associated with all-cause mortality among African-American women with high-grade serous ovarian carcinoma. *Journal of Nutrition*. 2019 Sep 1;149(9):1606-1616. DOI: 10.1093/jn/nxz098
- 35. Mao X, Chen C, Xun P, Daviglus ML, Steffen LM, Jacobs DR Jr, Van Horn L, Sidney S, Zhu N, **Qin B**, He K. Intake of vegetables and fruits through young adulthood is associated with better cognitive function in midlife in the US general population. *Journal of Nutrition*. 2019 Aug 1;149(8):1424-1433. DOI: 10.1093/jn/nxz076
- 36. Rivera-Núñez Z, Barrett ES, Szamreta EA, Shapses SA, **Qin B**, Lin Y, Zarbl H, Buckley B, Bandera EV. Urinary mycoestrogens and age and height at menarche in New Jersey girls. *Environmental Health*. 2019 Mar;18(1):24. DOI: 10.1186/s12940-019-0464-8
- 37. **Qin B**, Llanos AAM, Lin Y, Szamreta EA, 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. *Journal of Cancer Survivorship*. 2018 Aug;12(4):460-468. DOI: 10.1007/s11764-018-0685-9
- 38. Abbott SE; Camacho F; Peres LC; Alberg AJ, Bandera EV; Bondy M, Cote ML, Funkhouser E, Moorman PG, Peters ES, **Qin B**, Schwartz AG, Barnholtz-Sloan J, Terry PD; Schildkraut JM.

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- Recreational physical activity and survival in African-American women with ovarian cancer. *Causes & Control*. 2018 Jan;29(1):77-86. DOI: 10.1007/s10552-017-0986-8
- 39. McNamara C, Abbott SE, Bandera EV, **Qin B**, Peres LC, Camacho F, Moorman PG, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Schildkraut JM, Terry P. Tubal Ligation and Ovarian Cancer Risk in African-American Women. *Cancer Causes & Control*. 2017 Oct;28(10):1033-1041. DOI: 10.1007/s10552-017-0943-6
- 40. **Qin B**, Xun P, Jacobs DR, Zhu N, Daviglus ML, Reis JP, Steffen LM, Van Horn L, Sidney S, He K. Intake of niacin, folate, vitamin B₆ and vitamin B12 through young adulthood and cognitive function in midlife: the CARDIA study. *The American Journal of Clinical Nutrition*. 2017 Oct;106(4):1032-1040. DOI: 10.3945/ajcn.117.157834
- 41. Llanos AAM, Bandera EV, Rabkin A, Zirpoli G, Gonzalez BD, Xing CY, **Qin B**, Lin Y, Hong CC, Demissie K, Ambrosone CB. Hair product use and breast cancer risk among African American and White women. *Carcinogenesis*. 2017 Sep 1;38(9):883-892. DOI: 10.1093/carcin/bgx060
- 42. Bandera EV, Lee VS, **Qin B**, Rodriguez-Rodriguez L, Powell CB, and Kushi LH. Impact of body mass index on ovarian cancer survival varies by stage. *British Journal of Cancer*. 2017 Jul 11;117(2):282-289. DOI: 10.1038/bjc.2017.162
- 43. Kelemen LE, Abbott SE, **Qin B**, Peres LC, Moorman PG, Wallace K, Bandera EV, Barnholtz-Sloan JS, Bondy M, Cartmell K, Cote ML, Funkhouser E, Paddock LE, Peters ES, Schwartz AG, Terry P, Alberg AJ, Schildkraut JM. Cigarette smoking and the association with serous ovarian cancer in African American women: African American Cancer Epidemiology Study (AACES). *Cancer Causes & Control*. 2017 Jul;28(7):699-708. DOI: 10.1007/s10552-017-0899-6
- 44. **Qin B**, Moorman PG, Kelemen LE, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Terry P, Schildkraut JM, and Bandera EV. Dietary quality and ovarian cancer risk in African-American women. *American Journal of Epidemiology*. 2017;185 (12): 1281-1289. DOI: 10.1093/aje/kwx022
- 45. Terry P, **Qin B**, Camacho F, Moorman PG, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Guertin KA, Peters ES, Schwartz AG, Schildkraut JM, and Bandera EV. Supplemental selenium may decrease ovarian cancer risk in African-American women. *Journal of Nutrition*. 2017 Apr;147(4):621-627. DOI: 10.3945/jn.116.243279
- 46. Sokol RL, **Qin B**, Poti JM. Parenting styles and body mass index: A systematic review of prospective studies among children. *Obesity Reviews*. 2017 Mar;18(3):281-292. DOI: 10.1111/obr.12497
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- 48. **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

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- risk in African-American women. *British Journal of Cancer*. 2016 Oct 25;115(9):1122-1130. DOI: 10.1038/bjc.2016.289
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- 51. **Qin B**, Viera AJ, Muntner P, Plassman BL, Edwards LJ, Adair LS, Popkin BM, and Mendez MA. Visit-to-visit variability in blood pressure is related to late-life cognitive decline. *Hypertension*. 2016 Jul;68(1):106-13. DOI: 10.1161/HYPERTENSIONAHA.116.07494 *Selected to be promoted to media by the American Heart Association. *Invited Clinical Implications: *Hypertension*. 2016;68:2.
- 52. Abbott SE, Bandera EV, **Qin B**, Lauren CP, Moorman PG, Barnholtz-Sloan J, Schwartz AG, Funkhouser E, Peters ES, Cote ML, Alberg AJ, Terry P, Bondy M, Paddock LE, Crankshaw S, Wang F, Camacho F, Schildkraut JM. Recreational physical activity and ovarian cancer risk in African American women. *Cancer Medicine*. 2016 Jun;5(6):1319-27. DOI: 10.1002/cam4.677
- 53. **Qin B**, Moorman PG, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Terry P, Schildkraut JM, Bandera EV. Dietary carbohydrate intake, glycaemic load, glycaemic index and ovarian cancer risk in African-American women. *British Journal of Nutrition*. 2016 Feb;115(4):694-702. DOI: 10.1017/S0007114515004882
- 54. **Qin B**, Adair LS, Plassman BL, Edwards LJ, Batis C, Popkin BM, and Mendez MA. Dietary patterns and cognitive decline among Chinese older adults. *Epidemiology*. 2015 Sep;26(5):758-68. DOI: 10.1097/EDE.000000000000338
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Invited Editorials/Reviews

- 59. 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
- 60. 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
- 61. 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
- 62. 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

Commentaries

63. 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. PMID: 37908192.

Letters to the Editor

- 64. 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
- 65. **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
- 66. **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

Book Chapters

67. 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:

1. **Bo Qin**, Madhir Vyas**, Steven C. Moore, Xiaoyang Su, Eileen White, Christine B. Ambrosone, Kitaw

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- Demissie, Chi-Chen Hong, Elisa V. Bandera. 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. **Mentee
- 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**. 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
- 3. 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
- 4. **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
- 5. 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
- 6. 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
- 7. **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
- 8. **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.
- 9. **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

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- 10. Xing CY, **Qin B**, Doose M, Lin Y, Plascak JJ, Demissie K, Ambrosone CB, Hong C, Bandera EV, Llanos AAM. Associations of pre-diagnostic allostatic load with poorly differentiated and larger sized breast cancers among Black women in the Women's Circle of Health Follow-Up Study. 2019 Annual Retreat on Cancer Research in New Jersey, New Brunswick, NJ, May 2019
- 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. Xing CY, Lin Y, Bandera EV, Hong C, Plascak JJ, **Qin B**, Doose M, Demissie K, Ambrosone CB, Llanos AAM. Clinicopathologic consequences of allostatic load among Black women with breast cancer. The 43rd Annual American Society of Preventive Oncology (ASPO) Conference, Tampa, FL. March 2019
- 13. Xing CY, Lin Y, Bandera EV, Hong C, Plascak JJ, **Qin B**, Doose M, Demissie K, Ambrosone CB, Llanos AAM. Clinicopathologic consequences of allostatic load among Black women with breast cancer. The 6th NYC Epidemiology Forum, New York, NY. Feb 2019
- 14. **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
- 15. Peres LC, Hebert JR, Qin B, Guertin KA, Bandera EV, Shivappa N, Camacho TF, Chyn D, Alberg AJ, Barnholtz-Sloan J, Bondy ML, Cote ML, Funkhouser E, Moorman PG, Peters ES, Schwartz AG, Terry PD, Schildkraut JM. Dietary inflammatory potential prior to diagnosis and risk of all-cause mortality among African-American women with ovarian carcinoma. 11th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, New Orleans, LA, Nov 2018
- 16. Plascak JJ, Chavali L, Llanos-Wilson AAM, **Qin B**, Pawlish KS, Demissie K, Hong C, Bandera EV. Do segregated neighborhoods buffer the stressful effects of low coping among Black breast cancer survivors? 11th AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, New Orleans, LA, Nov 2018 *Selected for oral presentation
- 17. **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.
- 18. 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.
- 19. Rivera-Núñez Z, Barrett ES, Shapses SA, Lin Y, Szamreta EA, **Qin B**, Buckley B, Bandera EV. Urinary Mycoestrogens and Age at Menarche and Growth in New Jersey Girls. New York City Epidemiology Forum (NYCEF) Fifth Annual Conference, Newark, NJ, Feb 2018.

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- 20. **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.
- 21. **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
- 22. Szukis HA, Tsui J, Bandera EV, **Qin B**, Lin Y, Hirshfield K, Hong CC, Ambrosone CB, Demissie K, Llanos AAM. Factors associated with breast cancer self-detection among African American women in the Women's Circle of Health Study. The 2017 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ, May 2017.
- 23. 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
- 24. **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.
- 25. **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
- 26. Llanos AA, Rabkin A, Xing CY, Qin B, Gonzalez B, Zirpoli G, Ciupak G, Hong CC, Ambrosone CB, Demissie K, Bandera EV. Hair product use and breast cancer risk by hormone receptor status in the Women's Circle of Health Study. 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. B81
- 27. **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.
- 28. Llanos AA, Rabkin A, Xing CY, **Qin B**, Gonzalez B, Zirpoli G, Ciupak G, Hong CC, Ambrosone CB, Demissie K, Bandera EV. Associations between hair product use and breast cancer risk among African American women. The 2016 Annual Retreat on Cancer Research in New Jersey, Piscataway, NJ, May 2016.

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- 29. 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
- 30. 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
- 31. **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.
- 32. **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
- 33. **Qin B**, Xun P, Zhu N, Jacobs DR, Steffen LM, Daviglus 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
- 34. **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. 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"
- 2. MD Anderson Cancer Center at Cooper Special Lecture, Camden, NJ, July 25, 2023: "Investigating Multilevel Determinants of Breast Cancer and Health Disparities"
- 3. 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"

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- 4. <u>Korea University Department of Precision Public Health Graduate Seminar Series in Public Health,</u> Virtual, March 14, 2023: "Multilevel Determinants of Breast Cancer and Ovarian Cancer"
- 5. 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"
- 6. Invited Speaker and Panelist, <u>American Society of Preventive Oncology (ASPO) Junior Members Session</u>
 1: A Breakdown of Your First Career Development Award, Virtual, 04/23/2020: "Candidate Information and Goals for Career Development"

ORAL PRESENTATIONS:

- 7. <u>Rutgers Cancer Institute- Ludwig Princeton Branch at Princeton University Annual Cancer Research Symposium</u>, Princeton, NJ, October 17, 2023: "Reproducibility of plasma metabolome over 1 year in a population-based study of Black breast cancer survivors"
- 8. <u>Rutgers Cancer Institute Community Outreach & Engagement Community Science Café, Virtual,</u> September 18, 2023: "Seeking Suggestions: Naming Neighborhood Types in a NJ-based Study of Black Breast Cancer Survivors"
- 9. <u>ScreenNJ's Monthly Discussion and Resource Sharing Meeting</u>, 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"
- 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"
- 11. <u>The 2022 Cancer Prevention and Control (CPC) Annual Retreat</u>, Virtual, March 22, 2022: "Multilevel factors for adiposity change in a population-based prospective study of Black breast cancer survivors"
- 12. <u>Rutgers CINJ Cancer Prevention and Control Program Monthly Meeting</u>, Virtual, 11/16/2021: "Social and Built Environment Factors for Breast Cancer"
- 13. <u>American Society of Preventive Oncology (ASPO) 45th Annual Meeting</u>, 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"
- 14. <u>Rutgers CINJ Cancer Prevention and Control Retreat</u>, Flash Talk Presentations, Virtual, 11/16/2020: "A Multilevel Approach to Cardiovascular Health among Black Breast Cancer Survivors"
- 15. <u>Drexel University Urban Health Collaborative RECVD (the Retail Environment and Cardiovascular Disease) Project Monthly Meeting</u>, Virtual, 11/10/2020: "Multilevel Risk Factors for Weight Change After Breast Cancer Diagnosis Among Black Women"
- 16. <u>Rutgers Center for Environmental Exposures and Disease (CEED) Human Exposures and Outcomes core meeting</u>, Piscataway, NJ, 02/06/20: "Neighborhood environment, diet, and breast cancer among Black

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women"

- 17. <u>2019 Annual Retreat on Cancer Research in New Jersey</u>, New Brunswick, NJ, 05/23/2019: "Vitamin D, calcium and risk of breast cancer subtypes among Black women"
- 18. <u>Rutgers Cancer Institute of New Jersey Cancer Prevention and Control (CPC) meeting</u>, New Brunswick, NJ, 03/20/2017: "Dietary Factors and Ovarian Cancer Risk in African-American Women"
- 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
- 20. <u>Rutgers Cancer Institute of New Jersey Research-In-Progress Weekly Meeting</u>, New Brunswick, NJ, 09/09/2016: "Dairy, Calcium, Vitamin D and Ovarian Cancer Risk in African-American Women"
- 21. <u>Eighth AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved</u>, 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
- 22. <u>Rutgers Cancer Institute of New Jersey Research-In-Progress Weekly Meeting</u>, New Brunswick, NJ, 09/11/2015: "Diet and Ovarian Cancer Risk in African-American Women: African American Cancer Epidemiology Study"
- 23. New Jersey State Cancer Registry Research Symposium, Princeton, NJ, 09/10/2015: "Dietary Factors and Ovarian Cancer Risk in African Americans"
- 24. <u>American Heart Association Epidemiology and Prevention/Lifestyle and Cardiometabolic Health (EPI/Lifestyle)</u>, 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. <u>American Heart Association Epidemiology and Prevention/ Nutrition, Physical Activity and Metabolism Scientific Sessions (EPI/NPAM)</u>, 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

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Interviewed and/or reported by Rutgers CINJ, MedicalResearch.com, American Institute of Cancer Research, MedialXpress, 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), <u>Rutgers School of Public Health</u>, 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), <u>Rutgers School of Pharmacy</u>, Piscataway, NJ. Spring 2015; Spring 2016; Spring 2017; Spring 2018; Spring 2019; Spring 2020; Spring 2021; Spring 2022; Exp. Spring 2024

Panel speaker: Manuscript Writing Workshop. RWJMS Internal Medicine Residency Research Track Lecture (Lead: Dr. Soko Setoguchi), <u>Rutgers Robert Wood Johnson Medical School</u>, 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), <u>Rutgers Robert</u> 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

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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

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

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)

2021 - 2022: Belquis Shahsamand, MD Candidate, Rutgers Robert Wood Johnson Medical School (Role: Research advisor)

2020 - 2022: Kate Kim, MD Candidate, Rutgers Robert Wood Johnson Medical School (Awarded 2020 RWJMS Summer Research Fellowship; Role: Primary Mentor)

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 - Present: Carola T. Sánchez Díaz, PhD, Rutgers Cancer Institute of New Jersey (Role: mentor on NJCCR postdoctoral grant)

2021 - 2022: Saber Amin, MD, PhD, Rutgers Cancer Institute of New Jersey (Role: advisory committee)

2020 - 2021: Zhaomeng Niu, PhD, Rutgers Cancer Institute of New Jersey (Role: advisory committee)

2020 - 2021: Trishnee Bhurosy, PhD, Rutgers Cancer Institute of New Jersey (Role: advisory committee)

PROFESSIONAL ORGANIZATIONS AND SERVICE:

Professional Organizations

- Metabolomics Society (2020 Present)
- American Society of Preventive Oncology (2017 Present)
- American Association for Cancer Research (2015 Present)
- American Heart Association (2014 Present)

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• American Society for Nutrition (2012 - Present)

Professional Service

National

- Abstract Reviewer, 48th ASPO Annual Conference, March 2024
- Vice Chair, 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
- 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

- Member, Pediatric Population Science Faculty Search Committee, Rutgers Cancer Institute of New Jersey (CINJ) (2022 Present)
- Member, Rutgers CINJ Cancer Epidemiology Workgroup, 2020 Present
- Member, Rutgers Center for Cancer Health Equity, 2020 Present
- Member, Rutgers Center of Excellence in Cancer Survivorship, 2020 Present
- Member, Faculty Search Committee, Cancer Epidemiology and Health Outcomes, Rutgers CINJ (2019 - Present)
- Member, Cancer Prevention and Control (CPC) Strategic Planning focus group, Rutgers CINJ, August 2020 & November 2021
- Member, Rutgers CINJ "Science to the Sidewalk' Video Project, June 2021

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- 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 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 Present)
- Topical Advisory Panel, Cancers, MDPI, 2021 Present

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Grant Review Activities

- Reviewer, NIH Social and Environmental Determinants of Health (SEDH) Study Section, Exp. February 2024
- Scientist Reviewer, Department of Defense FY23 Ovarian Cancer Research Program Investigator-Initiated Research Award, September 2023
- Grant Review Panel Member, California Breast Cancer Research Program (CBCRP), April 2023
- Scientist 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
- Grant Review Panel Member, American Institute for Cancer Research, 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

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