

CURRICULUM VITAE

DATE: August 15, 2020

NAME: Bo (BONNIE) QIN

PRESENT TITLE: Assistant Professor

ADDRESS: Rutgers Cancer Institute of New Jersey
Rutgers, The State University of New Jersey
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New Brunswick, NJ 08903
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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 EDUCATION:

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

ADDITIONAL PROFESSIONAL TRAINING:

- Ethical Scientific Conduct Refresher, Robert Wood Johnson Medical School. Feb - Mar 2019
- Health Insurance Portability and Accountability Act of 1996 (HIPAA) Education Program Certification. Annually since 2014

- Collaborative IRB Training Initiative (CITI) Courses in the Protection of Human Research Subjects and Social and Behavioral Responsible Conduct of Research, Jun 2011, Dec 2014, Mar 2015, Feb 2018

ACADEMIC APPOINTMENTS:

Jun 2020 - Present	<i>Assistant Professor</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
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

PROFESSIONAL ACTIVITIES:

Jul 2017 - Jan 2019	<i>Research Associate</i> , Department of Population Science, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ
2014 - 2017	<i>Postdoctoral Appointee</i> , Department of Population Science, Rutgers Cancer Institute of New Jersey, New Brunswick, NJ
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

PROFESSIONAL ORGANIZATIONS AND SERVICE:

Professional Organizations:

- Metabolomics Society (2020)
- American Society of Preventive Oncology (2017 - Present)
- American Association for Cancer Research (2015 - Present)
- American Heart Association (2014 - Present)
- American Society for Nutrition (2012 - Present)

Professional Service:

- Member, Cancer Prevention and Control (CPC) Strategic Planning focus group, Rutgers Cancer institute of New Jersey, August 2020
- Facilitator, Virtual 2020 Rutgers Robert Wood Johnson Medical School Summer Research Program Symposium, July 2020

- Member, Selection Committee, Rutgers Robert Wood Johnson Medical School Summer Research Fellowship Program, March 2020
- Member, Scientific Committee, The New York City Epidemiology Forum (NYCEF) 7th Annual Conference, February 2020
- Member, Postdoctoral Scholar Advisory Committee, Section of Population Science, Rutgers Cancer Institute of New Jersey (2020)
- Member, Faculty Search Committee, Cancer Epidemiology and Health Outcomes, Rutgers Cancer Institute of New Jersey (2019 - Present)
- Member, Human Exposures and Outcomes Core, Rutgers Center for Environmental Exposures and Disease (2019 - Present)
- Member, Cancer Epidemiology Workgroup, Rutgers Cancer Institute of New Jersey and Rutgers School of Public Health (2014 - Present)
- Member, The Population Science Research Support Shared Resource DatStat Steering Committee, Rutgers Cancer Institute of New Jersey (2016 - 2019)

Grant Review Panels, Study Sections, and External Reviewer

- Grant Review Panel Member, American Institute for Cancer Research, August 2020.
- Reviewer, 2021 Raine Priming Grant Application, University of Western Australia (Raine Medical Research Foundation), June 2020
- Reviewer, World Cancer Research Fund (WCRF) International Regular Grant Program, April 2020
- Reviewer, Cancer Research UK, July 2019

***Ad Hoc* Reviewer for Scientific Meeting Abstracts:**

- 44th Annual American Society of Preventive Oncology Conference, Tucson, AZ, March 2020
- The New York City Epidemiology Forum (NYCEF) 7th Annual Conference, February 2020
- Nutrition 2018 - American Society for Nutrition's Annual Meeting, Boston, MA, June 2018

***Ad Hoc* Reviewer for Journals:**

- Arthritis Care & Research, 07/2013, 11/2015
- Annals of Epidemiology, 06/2015
- Annals of Oncology, 10/2018
- American Journal of Clinical Nutrition, 05/2018, 08/2018, 07/2020
- Asia Pacific Journal of Clinical Nutrition, 10/2014
- Behavioral Medicine, 07/2019
- British Journal of Nutrition, 10/2016, 08/2019
- Cancer Epidemiology, Biomarkers & Prevention, 12/2019
- Clinical Interventions in Aging, 05/2016
- European Journal of Clinical Nutrition, 09/2017
- European Journal of Nutrition, 04/2020
- Food & Nutrition Research, 06/2015
- International Journal of Cancer, 04/2018, 03/2019
- International Journal of Environmental Research and Public Health, 05/2016, 03/2017, 07/2017

- International Journal of Obesity, 04/2015
- JNCI Cancer Spectrum, 09/2019
- Journal of Cancer Survivorship, 08/2018, 04/2019
- Journal of Human Nutrition & Food Science, 04/2015
- Journal of Rheumatology, 12/2014
- Journal of Racial and Ethnic Health Disparities, 04/2018
- Journal of the Academy of Nutrition and Dietetics, 12/2015, 04/2017, 08/2018
- Nutrients, 07/2016, 08/2017
- Nutrition, 07/2017
- Nutrition Journal, 09/2014, 09/2015
- Nutrition Reviews, 10/2015
- Nutrition Research Reviews, 11/2015, 11/2018
- Pediatric Obesity, 08/2015
- PLOS ONE, 12/2014, 04/2015, 07/2016
- Preventive Medicine Reports, 03/2015
- Public Health Nutrition, 05/2015
- Scientific Reports, 04/2017
- Vascular Health and Risk Management , 04/2015

HONORS AND AWARDS:

- American Society of Preventive Oncology (ASPO) Cancer 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. DeFries 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:**Active:**

K99/R00 MD013300 (Qin)	08/14/2018 – 05/30/2023	\$931,823
NIH-NIMHD	75% effort: K99/25% effort: R00	

“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 serum metabolomic signatures that mediate the associations.

Role: Principal Investigator

Pending:

R01CA219574 (Bandera (contact), Hong, MPI)	09/01/2020 – 08/31/2025	\$8,580,170
NIH-NCI	3% effort	

“Impact of obesity and related comorbidities in Hispanic breast cancer survivors”

The goal of this study is to assemble a cohort study of Hispanic breast cancer survivors in New Jersey and evaluate the impact of genetic ancestry, obesity and related comorbidities on breast cancer presentation, treatment, and quality of life, and underlying biological mechanisms.

Role: Co-Investigator

K99CA259340 (Fong)	04/01/2021 – 03/31/2026	\$1,072,693
NIH-NCI		

“Optimizing Physical Activity and Diet Behaviors to Improve Health-related Quality of Life Among Endometrial Cancer Survivors”

The research will be guided by the Multiphase Optimization Strategy (MOST) framework to develop and pilot test multiple health behavior change (MHBC) behavior change modules that target cancer-specific barriers and facilitators and self-efficacy among endometrial cancer survivors. The main goal of the pilot study is to test the feasibility and acceptability of MHBC behavior change modules in a sample of endometrial cancer survivors.

Role: Collaborator

Completed:

Post-doctoral Fellowship Grant DHFS16PPC013 (Qin)	01/01/2016 – 12/31/2018 (NCE)	\$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: Principal Investigator

D43TW009077 (Popkin)	08/06/2012 – 08/05/2014	\$51,226
NIH Fogarty International Center Grant		

“Nutrition-related noncommunicable disease prevention training in China”

This is a continuation and expansion of a long-term collaboration that will allow a new generation of training in large-scale program and policy research related to the prevention of obesity, diabetes, hypertension, and the related cardio-metabolic problems in China. The goal will be to increase the depth and quality of research training and institutional capability related to these critical health issues.

Role: Trainee

Sanofi/UNC Global Nutrition Fellowship 08/06/2010 – 08/05/2014 \$110,000

This program, which began in Fall 2010, recruits four top-quality international students to the Department of Nutrition who study at UNC and also complete internships with Sanofi.

Role: Trainee

PUBLICATIONS:

Refereed Original Article in Journals

1. Lee AW, Rosenzweig S, Wiensch A, The Australian Ovarian Cancer Study Group, Ramus SJ, Menon U, Gentry-Maharaj A, Gayther SA, 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*. 2020 Aug 7;djaa099. doi: 10.1093/jnci/djaa099. Online ahead of print.
2. 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 P, 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. doi: 10.1001/jamaoncol.2020.0421 Online ahead of print.
3. 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. doi: 10.1007/s11764-019-00849-8 Online ahead of print.
4. **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.
5. 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
6. 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.

7. 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.
8. 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.
9. 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.
10. 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.
11. 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
12. **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.
13. 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. Recreational physical activity and survival in African-American women with ovarian cancer. *Cancer Causes & Control*. 2018 Jan;29(1):77-86.
14. 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.
15. **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.
16. 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.
17. 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.

18. 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.
19. **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.
20. 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.
21. 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.
22. Peres LC, Bandera EV, **Qin B**, Guertin KA, Shivappa N, Hebert JR, Abbott SE, Alberg AJ, Barnholtz-Sloan J, Bondy M, Cote ML, Funkhouser E, Moorman PG, Peters ES, Schwartz AG, Terry PD, Camacho F, Wang F, Schildkraut JM. Dietary inflammatory index and risk of epithelial ovarian cancer in African American Women. *International Journal of Cancer*. 2017 Feb 1;140(3):535-543.
23. **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. *British Journal of Cancer*. 2016 Oct 25;115(9):1122-1130.
24. Szamreta EA, **Qin B**, Ohman-Strickland PA, Devine KA, Stapleton JL, Ferrante JM, and Bandera EV. Associations of anthropometric, behavioral, and social factors on level of body esteem in preadolescent girls. *Journal of Developmental & Behavioral Pediatrics*. 2017 Jan;38(1):58-64.
25. **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. *Selected to be promoted to media by the American Heart Association. *Invited Clinical Implications: *Hypertension*. 2016;68:2.
26. Bandera EV, **Qin B**, Moorman PG, Alberg AJ, Barnholtz-Sloan JS, Bondy M, Cote ML, Funkhouser E, Peters ES, Schwartz AG, Terry P, Schildkraut JM. Obesity, Weight Gain, and Ovarian Cancer Risk in African American Women. *International Journal of Cancer*. 2016 Aug;139(3):593-600
27. 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.
28. **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.
29. **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.
 30. **Qin B**, Plassman BL, Edwards LJ, Popkin BM, Adair LS, Mendez MA. Fish intake is associated with slower cognitive decline in Chinese older adults. *Journal of Nutrition*. 2014 Oct;144(10):1579-85.
 31. Xun P*, **Qin B***, Song Y, Nakamura Y, Kurth T, Yaemsiri S, Djousse L, He K. Fish consumption and risk of stroke and its subtypes: accumulative evidence from a meta-analysis of prospective cohort studies. *European Journal of Clinical Nutrition*. 2012 Nov;66(11):1199-207. *Co-first authors
 32. **Qin B**, Shi X, Samai PS, Renner JB, Jordan JM, and He K. Association of dietary magnesium intake with radiographic knee osteoarthritis: the Johnston County Osteoarthritis Project. *Arthritis Care & Research*. 2012 Sep;64(9):1306-11.
 33. **Qin B***, Xun P*, and He K. Fish or Long-Chain (n-3) PUFA intake is not associated with pancreatic cancer risk in a meta-analysis and systematic review. *Journal of Nutrition*. 2012 Jun;142(6):1067-73. *Co-first authors

Invited Reviews in Journals

34. 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.
35. 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.

Letters to the Editor

36. **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.
37. **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.

Manuscripts Submitted

38. **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.
39. Gonzalez BD, Eisel SL, **Qin B**, Llanos AAM, Savard J, Hoogland AI, Jim H, Lin Y, Demissie K, Hong C-C, Bandera EV. Prevalence, Risk Factors, and Trajectories of Sleep Disturbance in a Cohort of African American Breast Cancer Survivors.
40. Xing CY, Doose M, **Qin B**, Lin Y, Carson TL, Plascak JJ, Demissie K, Hong C-C, Bandera EV, Llanos

AAM. Pre-diagnostic allostatic load and health-related quality of life in a cohort of Black breast cancer survivors

41. Plascak JJ, Llanos AAM, **Qin B**, Chavali L, Lin Y, Pawlish KS, Hong CC, Demissie K, and Bandera EV. Visual cues of the built environment and perceived stress among a cohort of Black breast cancer survivors
42. Modugno F, Fu Z, Jordan SJ, AOCS Group, Chang-Claude J, Fortner RT, Goodman MT, Moysich KB, Schildkraut JM, Berchuck A, Bandera EV, **Qin B**, Sutphen R, McLaughlin J, Menon U, Ramus S, Gayther S, Genry-Maharaj A, Karpinskyj C, Pearce CL, Wu AH, Risch HA, and Webb PM. Offspring sex and risk of epithelial ovarian cancer: a multinational pooled analysis of 12 case-control studies

SELECTED ABSTRACTS:

1. **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
2. **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.
3. **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
4. 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
5. **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
6. 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
7. 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
8. **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

9. 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
10. 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
11. **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.
12. 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.
13. 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.
14. **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.
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: 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
16. 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.
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. 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
21. **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.
22. 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.
23. 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
24. **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
25. **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.
26. **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

27. **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
28. **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

PRESENTATIONS/INVITED SPEAKER

1. Invited Speaker and Panelist, American Society of Preventive Oncology (ASPO) Junior Members Session 1: A Breakdown of Your First Career Development Award, 04/23/2020: “Candidate Information and Goals for Career Development”
2. 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”
3. 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”
4. 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”
5. 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
6. Rutgers Cancer Institute of New Jersey Research-In-Progress Weekly Meeting, New Brunswick, NJ, 09/09/2016: “Dairy, Calcium, Vitamin D and Ovarian Cancer Risk in African-American Women”
7. 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
8. Rutgers Cancer Institute of New Jersey Research-In-Progress Weekly Meeting, New Brunswick, NJ, 09/11/2015: “Diet and Ovarian Cancer Risk in African-American Women: African American Cancer Epidemiology Study”
9. New Jersey State Cancer Registry Research Symposium, Princeton, NJ, 09/10/2015: “Dietary Factors and Ovarian Cancer Risk in African Americans”

10. 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
11. 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)”

TEACHING EXPERIENCE:

Guest Lecture: “Basic Concepts in Nutritional Epidemiology”. Course: Diet, Nutrition and Disease Prevention in Pharmacy Practice (Course instructor: Dr. Chung S. Yang), College of Pharmacy, Rutgers University, Piscataway, NJ. Spring 2015; Spring 2016; Spring 2017; Spring 2018; Spring 2019; Spring 2020

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

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

POSTDOCTORAL SCHOLAR ADVISING:

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

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

GRADUATE STUDENT ADVISING:

2020 - Present: Jeffrey Addy, MPH candidate, Rutgers School of Public Health (Role: Practicum advisor)

2018 - Present: Riddhi Babel, MPH, Doctoral Student, Rutgers School of Public Health

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

MEDICAL STUDENT ADVISING:

2020 - Present: Kate Kim, MD Candidate, Rutgers Robert Wood Johnson Medical School (awarded 2020 RWJMS Summer Research Fellowship; Role: Primary mentor)

SOFTWARE AND LANGUAGE SKILLS:

Statistics: STATA, SAS, Mplus

Mapping and Analytics: ArcGIS

Survey management: DatStat, RedCap, Microsoft Access

Design Packages: Photoshop, Adobe Audition

Language: English, Mandarin, Cantonese