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CURRICULUM VITAE

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CONTACT INFORMATION

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EDUCATION

2000-2001 Postdoctoral Fellowship, Cancer Prevention Fellowship Program
National Cancer Institute, Cancer Prevention Studies Branch
Mentor: Dr. Michele Forman

1999-2000 Postdoctoral Fellowship, Cancer Control Education Program
University of North Carolina at Chapel Hill
Lineberger Comprehensive Cancer Center
Mentor: Dr. Lenore Arab

1999 Ph.D. in Nutrition
University of North Carolina at Chapel Hill, School of Public Health
Dissertation Title: The Relationship between Dietary Intake and Biomarkers of Carotenoids with Supplementation and Ozone Exposure in Humans
Mentor: Dr. Lenore Arab

1997 M.P.H. in Nutrition
University of North Carolina at Chapel Hill, School of Public Health

1992 B.S. in Mathematics/Honors Program
University of Notre Dame
Notre Dame London Program, London, United Kingdom, Spring 1991

PROFESSIONAL EXPERIENCE

2024-present Interim Associate Dean for Faculty Affairs and Curriculum, Arnold School of Public Health, University of South Carolina

2005-present Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina
2022 – present, Graduate Director, Epidemiology MS and PhD Programs
2019 – present, Professor

2010 – 2018, Associate Professor (with tenure from 2014)
2005 – 2010, Research Assistant Professor

- 2001-2005 Department of Nutrition, School of Public Health, University of North Carolina at Chapel Hill
2005, Assistant Professor
2001 – 2005, Research Assistant Professor and Member, Lineberger Comprehensive Cancer Center
- 2000-2003 National Cancer Institute
2001-2003, Adjunct Appointment, Fellow
2000-2001, Postdoctoral Fellow, Cancer Prevention Fellowship Program, Cancer Prevention Studies Branch, Center for Cancer Research
- 1999-2000 University of North Carolina at Chapel Hill
Postdoctoral Fellow, Cancer Control Education Program
Lineberger Comprehensive Cancer Center
- 1999 Environmental Protection Agency, Chapel Hill, NC
Biologist, Summer Intern
Human Studies Division
- 1997-1999 University of North Carolina at Chapel Hill
Graduate Research Assistant, Nutrition Coordinator for the ANTIOxidants and OZone-induced Lung Injury Study (ANTIOZ)
Department of Nutrition
- 1997-1998 University of North Carolina at Chapel Hill
Project Coordinator, Computerized Diet History Project
Department of Nutrition
- 1997 Department of Environment, Health and Natural Resources, Raleigh, NC
Research Assistant, Office of Epidemiology
- 1997 University of North Carolina at Chapel Hill
Teaching Assistant, Nutritional Epidemiology
Department of Nutrition
- 1994-1997 University of North Carolina at Chapel Hill
NIH Nutrition Research Trainee, Department of Nutrition

REGISTERED DIETITIAN QUALIFICATION EXPERIENCE

1997 Achieved Registered Dietitian (RD) qualification

--Clinical Experience at UNC Hospital: Completed rotations in oncology, psychiatry, outpatient (obstetrics, endocrinology), HIV/AIDS, renal, rehabilitation and pediatrics.

--Public Health Field Experience at North Carolina Department of Environment, Health and Natural Resources: Examined the use of the socio-ecological approach in Community Nutrition Promotion Projects aimed at cancer prevention.

PROFESSIONAL ORGANIZATIONS

- 2019-present Member, Society for Epidemiologic Research
- 2015-present Member, American Association for Cancer Research
- 2011-present Member, Columbia-Midlands Dietetic Association
- 2006-present Member, South Carolina Academy of Nutrition and Dietetics
- 2003-present Member, American Society of Preventive Oncology
- 2002-present Member, American Society for Nutrition
- 1997-present Member, Academy of Nutrition and Dietetics
- 1995-1999 Member, Association for Women in Science

Leadership Positions in Professional Organizations:

- 2015-2018 Past-President, President, and President-Elect, South Carolina Academy of Nutrition and Dietetics
- 2013-2016 Secretary/Treasurer, American Society of Preventive Oncology
- 2013-2016 Past-President/Nominating Chair, President, and President-Elect, Columbia-Midlands Dietetic Association

LEADERSHIP TRAINING/WORKSHOPS

- 2019 LEAD (Supervisory Essentials) certification, USC
- 2012 Dannon Institute Mid-Career Academic Nutrition Leadership Institute
- 2003 Dannon Institute Nutrition Leadership Institute

HONORS/AWARDS

Received while at the University of South Carolina:

- 2022 Recipient of the Distinguished Undergraduate Research Mentor Award, USC (also nominated in 2010)
- 2021 Arnold School of Public Health Dean's Excellence Award in Research, USC
- 2012, 2020 Nominated for the Arnold School of Public Health Faculty Research Award, USC
- 2019 Recipient of the 2019 Excellence in Practice – Dietetic Research Award from the Academy of Nutrition and Dietetics
- 2018 Recipient of the First Author Award from the Research Dietetic Practice Group, Academy of Nutrition and Dietetics
- 2018 Recipient of the Outstanding Dietitian of the Year Award from the South Carolina Academy of Nutrition and Dietetics (also nominated in 2014) and the Columbia-Midlands Dietetic Association
- 2018 Recipient of the 2018 Distinguished Research Service Award, USC VPR Office
- 2016 Recipient of the 2016 Arnold School of Public Health James A. Keith Excellence in Teaching Award, USC (also nominated in 2014)
- 2016 Scientific abstract selected as one of top 18 abstracts submitted to the 2016 American Society of Preventive Oncology meeting and published in *Cancer Epidemiology Biomarkers and Prevention (CEBP)*
- 2015 Named a Fellow of the Academy of Nutrition and Dietetics, recognizing commitment to the field of dietetics and celebrating professional accomplishments and pursuit of life-long learning
- 2014 Nominated for the Ada B. Thomas Outstanding Faculty Advisor Award, USC
- 2011 Selected to participate in the First Annual Short Course on Statistical Genetics and Genomics at the University of Alabama, Birmingham, AL

- 2006 Selected to participate in the Sixth Annual Short Course on Statistical Genetics for Obesity and Nutrition Researchers at the 2006 Experimental Biology meeting
- 2006 Scientific abstract selected as one of top 17 abstracts submitted to the 2006 American Society of Preventive Oncology meeting and published in *CEBP*

Received while at the University of North Carolina at Chapel Hill:

- 2005 Outstanding Alumnus Award, UNC-CH Department of Nutrition
- 2005 Inductee into Theta Chapter of the Delta Omega Honorary Society in Public Health
- 2004 Scientific abstract selected as one of top 16 abstracts submitted to the 2004 American Society of Preventive Oncology meeting and published in *CEBP*
- 2003 Cancer Prevention Research Fellowship, sponsored by the American Society of Preventive Oncology and the Cancer Research and Prevention Foundation
- 2001-2003 Marilyn Gentry Fellow, American Institute for Cancer Research
- 2000 Lineberger Fellow Award, for excellence in doctoral research, supported by the Cancer Research Foundation of America
- 1999 Lineberger Comprehensive Cancer Center Postdoctoral Fellowship in Cancer Prevention and Control
- 1999 Nominated for the Dissertation Excellence Award, School of Public Health
- 1998 Carotenoid Interaction Research Group (CARIG) Travel Award
- 1998 Lineberger Comprehensive Cancer Center Predoctoral Fellowship in Cancer Prevention and Control
- 1997 Teaching Assistant Technology Supplement Award
- 1994-1997 Nutrition Research Trainee, NIH Training Grant

Received while at the University of Notre Dame:

- 1988-1992 College of Science Honors Program
- 1992 Dean's List
- 1988 Notre Dame Scholar
- 1988 Doty Scientific Scholarship
- 1988 Westinghouse Scholarship

BIBLIOGRAPHY

BOOK CHAPTERS

1. **Steck, S.E.** Epidemiologic Approaches to Evaluation of Nutrition and Health. In: Present Knowledge in Nutrition, 10th Edition. Wiley Blackwell, 2012.
2. **Steck, S.E.** Cruciferous Vegetables and Their Components in the Prevention of Breast Cancer. In: Ronald Ross Watson and Victor R. Preedy (ed). Bioactive Foods and Extracts: Cancer Treatment and Prevention. Taylor and Francis Group, LLC, 2011.
3. Arab, L. and **Steck, S.** Cancer and Diet. In: Gibney, M.J., Margetts, B.M., Kearney, J.M. and Arab, L. (ed). Public Health Nutrition. Blackwell Publishing, 2004.

REFEREED PUBLICATIONS (underlined author represents current/former student mentee; ‡indicates student for whom Steck was primary mentor; §indicates other student mentee; *indicates corresponding author when not first author)

1. ‡Omofuma, O.O., Fang, D., Yell, N., Falomo, O., Liu, J., **Steck, S.E.** Trends in Calcium and Magnesium Intake from Diet and Supplements by Demographic Factors: National Health and

- Nutrition Examination Survey, 2003-2018. *Journal of the Academy of Nutrition and Dietetics*. S2212-2672(24)00205-3. 2024. Online ahead of print.
2. †Kase, B.E., Liese, A.D., Zhang, J., Murphy, A.E., †Zhao, L., *Steck, S.E. The Development and Evaluation of a Literature-Based Dietary Index for Gut Microbiome. *Nutrients*. 16(7):1045, 2024.
 3. †Crawford, B., *Steck, S.E., Sandler, D.P., Nichols, H.B., Milne, G.L., *Park, Y-M. Association Between Healthy Dietary Patterns and Markers of Oxidative Stress in the Sister Study. *European Journal of Nutrition*. 63(2):485-499, 2024.
 4. †Gregory, K., †Zhao, L., Felder, T.M., Clay-Gilmour, A., Eberth, J.M., Murphy, E.A., *Steck, S.E. Prevalence of Health Behaviors Among Cancer Survivors in the United States. *Journal of Cancer Survivorship*. 18(3):1042-1050, 2024.
 5. †Zhao, L., Clay-Gilmour, A., Zhang, J., *Zhang, X., *Steck, S.E. Higher Ultra-processed Food Intake is Associated with Adverse Liver Outcomes: A Prospective Cohort Study of UK Biobank Participants. *American Journal of Clinical Nutrition*. 119(1): 49-57, 2024. Epub 2023.
 6. †Zheng, J., Liu, M., †Zhao, L., Hebert, J.R., Steck, S.E., Wang, H., Li, X. Dietary Inflammatory Potential, Inflammation-related Lifestyle Factors and Incident Anxiety Disorders: A Prospective Cohort Study. *Nutrients*. 16(1):121. 2023.
 7. †Crawford, B., *Steck, S.E., Sandler, D.P., Merchant, A.T., Woo, J.M.P., *Park, Y-M. Dietary Patterns, Socioeconomic Disparities, and Risk of Type 2 Diabetes in the Sister Study. *Diabetes Research and Clinical Practice*. 204:110906, Epub 2023.
 8. Wei, J., Xu, H., Zhang, D., Tang, H., Wang, T., Steck, S.E., Divers, J., Zhang, J., Merchant, A.T. Initiation of Antihypertensive Medication from Midlife on Incident Dementia: The Health and Retirement Study. *Journal of Alzheimer's Disease*. 94(4):1431-1441, 2023.
 9. †Monalisa, N.N., Frongillo, E.A., Blake, C.E., Steck, S.E., DiPietro, R.B. Strategies Elementary School Children Use to Influence Mothers' Food Purchasing Decisions. *Maternal & Child Nutrition*. 19(4):e13539, Epub 2023.
 10. †Zhao, L., †Kase, B., †Zheng, J., *Steck, S.E. Dietary Patterns and Lung Cancer: A Systematic Review and Meta-analyses of Observational Studies. *Current Nutrition Reports*. 12(2):338-357. 2023.
 11. Lin, H.Y., Steck, S.E., Sarkar, I., Fontham, E.T.H., Diekman, A., Rogers, L.J., Ratliff, C.T., Bensen, J.T., Mohler, J.L., Su, L.J. Interactions of SNPs in Folate Metabolism Related Genes on Prostate Cancer Aggressiveness in European Americans and African Americans. *Cancers*. 15(6), 1699. [https:// doi.org/10.3390/cancers15061699](https://doi.org/10.3390/cancers15061699). 2023.
 12. Sfeir, M.B., Jacobs, E.T., Kohler, L.N., Lind, K., Steck, S.E., Yung, A.K. Thomson, C.A. Characterizing Dietary Advanced Glycation End-Product (dAGE) Exposure and the Relationship to Colorectal Adenoma Recurrence: A Secondary Analysis. *Nutrients*. 15(5):1126, 2023.
 13. †Zhao, L., Jin, L., Petrick, J.L., Zeng, H., Wang, F., Li, T., Smith-Warner, S.A., Eliassen, A.H., Zhang, F.F., Campbell, P.T., Giovannucci, E., Liao, L.M., McGlynn, K.A., Steck, S.E., Zhang, X. Specific Botanical Groups of Fruit and Vegetable Consumption and Liver Cancer and Chronic Liver Disease Mortality: A Prospective Cohort Study. *American Journal of Clinical Nutrition*. 117(2):278-285, 2023.
 14. Madhav, K.C., Oral, E., Rung, A.L., Trapido, E., Fontham, E.T.H., Bensen, J.T., Farnan, L., Steck, S.E., Song, L., Mohler, J.L., Peters, E.S. Prostate Cancer Aggressiveness and Financial Toxicity among Prostate Cancer Patients. *The Prostate*. 83(1):44-55, 2023.
 15. Choi, M.K., †Park, Y.M., †Shivappa, N., Hong, O.K., Han, K., Steck, S.E., Hebert, J.R., Merchant, A.T., Sandler, D.P., Lee, S.S. Inflammatory Potential of Diet and Risk of Mortality in Normal-Weight Adults with Central Obesity. *Clinical Nutrition*. 42:208-215, 2023.

16. ‡Zheng, J., ‡Tabung, F.K., Zhang, J., Caan, B., Hebert, J.R., Kroenke, C.H., Ockene, J., §Shivappa, N., ***Steck, S.E.** Association Between Dietary Inflammatory Potential and Mortality After Cancer Diagnosis in the Women's Health Initiative. *British Journal of Cancer*. 128(4):606-61, 2023.
17. Xiang, Y.B., ‡Zheng, J., ‡Zhao, L., Dong, J., Chen, H., Li, D., Zhang, H., Hassan, M.M., **Steck, S.E.**, Li, X., Wang, H. The Role of Dietary Factors in Non-alcoholic Fatty Liver Disease to Hepatocellular Carcinoma Progression: A Systematic Review. *Clinical Nutrition*. 41(10): 2295-2307, 2022.
18. ‡Thiria, E., Pellegrini, C., ‡Kase, B.E., DeVivo, K., ***Steck, S.E.** Health Behavior and Anxiety Changes During the COVID-19 Pandemic Among Students, Faculty, and Staff at a US University. *Journal of American College Health*. 5:1-8, 2022. Online ahead of print.
19. **Steck, S.E.**, Su, L.J., ‡Antwi, S., Morris, B., ‡Crawford, B., Adams, S.A., Hebert, J.R., Fontham, E.T.H., Bensen, J.T., Mohler, J.L., Arab, L. Recreational and Occupational Physical Activity in Relation to Prostate Cancer Aggressiveness: The North Carolina-Louisiana Prostate Cancer Project (PCaP). *Cancer Causes & Control*. 33(6): 875-887, 2022.
20. ‡Omofuma, O.O., ***Steck, S.E.**, Olshan, A.F., Troester, M.A. The Association between Meat and Fish Intake by Preparation Methods and Breast Cancer in the Carolina Breast Cancer Study (CBCS). *Breast Cancer Research & Treatment*. 193(1):187-201, 2022.
21. Madhav, K.C., Oral, E., Rung, A.L., Trapido, E.J., Fontham, E.T.H., Bensen, J.T., Farnan, L., **Steck, S.E.**, Song, L., Mohler, J.L., Peters, E.S. Neighborhood Deprivation and Risk of Mortality among Men with Prostate Cancer: Finding from a Long-term Follow-up Study. *The Prostate*. 82(7):783-792, 2022.
22. ‡Zheng, J., Zhu, T., Yang, G., ‡Zhao, L., Li, F., §Park, Y.M., ‡Tabung, F.K., **Steck, S.E.**, Li, X., Wang, H. The Isocaloric Substitution of Plant-based and Animal-based Protein in Relation to Aging-related Health Outcomes: A Systematic Review. *Nutrients*. 9;14(2):272, 2022.
23. Lopez-Pentecost, M., Crane, T.E., Garcia, D.O., Wertheim, B.C., Kohler, L.N., Hebert, J.R., **Steck, S.E.**, §Shivappa, N., Santiago-Torres, M., Neuhaus, M.L., Hatsu, I.E., Snetselaar, L., Datta, M., Kroenke, C.H., Sarto, G.E., and Thomson, C.A. Role of Dietary Patterns and Acculturation in Cancer Risk and Mortality among Postmenopausal Hispanic Women: Results from the Women's Health Initiative (WHI). *Journal of Public Health (Berl.)*. 30:811-822, 2022.
24. ‡Omofuma, O.O., Peterson, L.L., Turner, D.P., Merchant, A.T., Zhang, J., Thomson, C.A., Neuhaus, M.L., Snetselaar, L.G., Caan, B.J., Shadyab, A.H., Saquib, N., Banack, H.R., Uribarri, J., ***Steck, S.E.** Dietary Advanced Glycation End-Products and Mortality After Breast Cancer in the Women's Health Initiative (WHI). *Cancer Epidemiology, Biomarkers and Prevention*. 30(12):2217-2226, 2021.
25. §Park, Y.M., §Shivappa, N., Petimar, J., Hodgson, M.E., Nichols, H.B., **Steck, S.E.**, Hebert, J.R., Sandler, D.P. Dietary Inflammatory Potential, Oxidative Balance Score, and the Risk of Breast Cancer: Findings from the Sister Study. *International Journal of Cancer*. 149:615-626, 2021.
26. Zahnd, W.E., Gomez, S.L., **Steck, S.E.**, Brown, M.J., Ganai, S., Zhang, J., Adams, S.A., Berger, F.G., Eberth, J.M. Rural-Urban and Racial/Ethnic Trends and Disparities in Early-Onset Colorectal Cancer among a US Population-Based Sample. *Cancer*. 127(2):239-248, 2021.
27. Troy, C., Brunson, A., Goldsmith, A., Noblet, S., **Steck, S.E.**, Hebert, J.R., Payne, J., McCormick, D., & Friedman, D.B. Implementing community-based prostate cancer education in rural South Carolina: A collaborative approach through a statewide cancer alliance. *Journal of Cancer Education* doi: 10.1007/s13187-020-01800-7, 2020.
28. ‡Omofuma, O.O., Turner, D.P., Peterson, L.L., Merchant, A.T., Zhang, J., ***Steck, S.E.** Dietary Advanced Glycation End-Products (AGEs) and Risk of Breast Cancer in the Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial (PLCO). *Cancer Prevention Research*. 13(7):601-610, 2020.

29. **Steck, S.E.** and Murphy, E.A. Dietary Patterns and Cancer Risk. *Nature Reviews Cancer*. 20(2):125-138, 2020.
30. ‡**Gunter, M.A.**, Park, Y.M., **Steck, S.E.**, Sandler, D.P. Day-to-day Regularity in Breakfast Consumption is Associated with Weight Status in a Prospective Cohort of Women. *International Journal of Obesity*. 44(1):186-194, 2020.
31. ‡**Zheng, J.L.**, ‡**Tabung, F.K.**, Zhang, J., Murphy, E.A., §**Shivappa, N.**, Ockene, J.K., Caan, B., Kroenke, C.H., Hebert, J.R., ***Steck, S.E.** Post-cancer Diagnosis Dietary Inflammatory Potential is Associated with Survival among Women Diagnosed with Colorectal Cancer in the Women's Health Initiative. *European Journal of Nutrition*. 59(3):965-977, 2020.
32. Ramakrishnan, S., ***Steck, S.E.**, Arab, L., Zhang, H., Bensen, J.T., Fontham, E.T.H., Johnson, C.S., Mohler, J.L., Smith, G.J., Su, L.J., Woloszynska, A. Association among Plasma 1,25(OH)₂D, Ratio of 1,25(OH)₂D to 25(OH)D, and Prostate Cancer Aggressiveness. *The Prostate*. 79(10):1117-1124, 2019.
33. ‡**Zheng, J.**, Wirth, M.D., Merchant, A.T., Zhang, J., §**Shivappa, N.**, Stolzenberg-Solomon, R., Hebert, J.R., ***Steck, S.E.** Inflammatory Potential of Diet, Inflammation-related Lifestyle Factors and Risk of Pancreatic Cancer: Results from the NIH-AARP Diet and Health Study. *Cancer Epidemiology, Biomarkers and Prevention*. 28(7):1266-1270, 2019.
34. ‡**Gunter, M.A.**, Merchant, A.T., ‡**Tabung, F.K.**, Wirth, M., §**Shivappa, N.**, Hurley, T.G., Hebert, J.R., Sui, X., Blair, S.N., **Steck, S.E.** Adiposity Does Not Modify the Effect of the Dietary Inflammatory Potential on Type 2 Diabetes Incidence Among a Prospective Cohort of Men. *Journal of Nutrition and Intermediary Metabolism*. 16, 100095, 2019.
35. ‡**Schneider, L.**, Su, L.J., Arab, L., Bensen, J.T., Farnan, L., Fontham, E.T.H., Song, L., Hussey, J., Merchant, A.T., Mohler, J.L., ***Steck, S.E.** Dietary Patterns Based on the Mediterranean Diet and DASH Eating Plan Are Inversely Associated with High Aggressive Prostate Cancer in PCaP. *Annals of Epidemiology*. 29:16-22, 2019.
36. §**Park, Y.M.**, **Steck, S.E.**, Fung, T.T., Merchant, A.T., Hodgson, M.E., Keller, J.A., Sandler, D.P. Higher Diet-dependent Acid Load is Associated with Risk of Breast Cancer: Findings from the Sister Study. *International Journal of Cancer*. 144(8):1834-1843, 2019.
37. §**Park, Y-M.**, Choi, M.K., Lee, S., §**Shivappa, N.**, Han, K.D., **Steck, S.E.**, Hebert, J.R., Merchant, A., Sandler, D. Dietary Inflammatory Potential and Risk of Mortality in Metabolically Healthy and Unhealthy Phenotypes among Overweight and Obese U.S. Adults. *Clinical Nutrition*. 38(2):682-688, 2019.
38. Bock, C.H., Ruterbusch, J.J., Holowatyj, A.N., **Steck, S.E.**, Van Dyke, A.L., Ho, W.J., Cote, M.L., Hofmann, J.N., Davis, F., Graubard, B.I., Schwartz, K.L., Purdue, M.P. Renal Cell Carcinoma Risk Associated with Lower Intake of Micronutrients. *Cancer Medicine*. 7:4087-4097, 2018.
39. ‡**Gunter, M.A.**, Sandler, D.P., McLain, A.C., Merchant, A.T., **Steck, S.E.** An Estrogen-related Dietary Pattern and Postmenopausal Breast Cancer Risk in a Cohort of Women with a Family History of Breast Cancer. *Cancer Epidemiology, Biomarkers and Prevention*. 27(10):1223-6, 2018.
40. §**Shivappa, N.**, Hebert, J.R., **Steck, S.E.**, Safari, A., Sedaghat, F., Rashidkhani, B. Dietary Inflammatory Index and Odds of Colorectal Cancer in a Case-Control Study from Iran. *Asian Pac J Cancer Prev*. 19(7):1999-2006, 2018.
41. ‡**Antwi, S.O.**, Bamlet, W.R., Pedersen, K.S., Chaffee, K.G., Risch, H.A., §**Shivappa, N.**, **Steck, S.E.**, Anderson, K.E., Bracci, P.M., Polesel, J., Serraino, D., LaVecchia, C., Bosetti, C., Li, D., Oberg, A.L., Arslan, A.A., Albanes, D., Duell, E.J., Huybrechts, I., Amundadottir, L.T., Hoover, R., Mannisto, S., Chanock, S., Zheng, W., Shu, X.O., Stepien, M., Canzian, F., Bueno-de-Mesquita, B., EPIC Spain, Zeleniuch-Jacquotte, A., Bruinsma, F., Milne, R.L., Giles, G.G., Hebert, J.R., Stolzenberg-Solomon, R.Z., Petersen, G.M. Pancreatic Cancer Risk is Modulated by

Inflammatory Potential of Diet and ABO Genotype: A Consortia-based Evaluation and Replication Study. *Carcinogenesis*. 39(8):1056-1067, 2018.

42. Mazul, A.L., [§]Shivappa, N., Hebert, J.R., **Steck, S.E.**, Rodriguez-Ormaza, N., Weissler, M., Olshan, A.F., Zevallos, J.P. Proinflammatory Diet is Associated with Increased Risk of Squamous Cell Head and Neck Cancer. *International Journal of Cancer*. 143(7):1604-1610, 2018.
43. Allott, E.H., Farnan, L., **Steck, S.E.**, Arab, L., Su, L.J., Fontham, E.T.H., Mohler, J.L., Bensen, J.T. Statin Use, High Cholesterol and Prostate Cancer Progression: Results from HCaP-NC. *The Prostate*. 78(11):857-864, 2018.
44. [‡]Gunter, M.A., McLain, A., Merchant, A., Sandler, D.P., ***Steck, S.E.** An Estrogen-related Lifestyle Score is Associated with Risk of Postmenopausal Breast Cancer in the PLCO Cohort. *Breast Cancer Research and Treatment*. 170(3):613-622, 2018.
45. Choi, S.K., Seel, J.S., Yelton, B., **Steck, S.E.**, McCormick, D.P., Payne, J., Minter, A., Deutchki, E.K., Hebert, J.R., Friedman, D.B. Prostate Cancer Information Available in Healthcare Provider Offices: An Analysis of Content, Readability, and Cultural Sensitivity. *American Journal of Men's Health*. 12(4):11460-67, 2018.
46. **Steck, S.E.**, [‡]Omofuma, O.O., Su, L.J., [‡]Maise, A.A., Woloszynska-Read, A., Johnson, C.S., Zhang, H., Bensen, J.T., Fontham, E.T.H., Mohler, J.L., Arab, L. Calcium, Magnesium, and Whole Milk Intakes and High-Aggressive Prostate Cancer in the North Carolina-Louisiana Prostate Cancer Project (PCaP). *American Journal of Clinical Nutrition*. 107(5):799-807, 2018.
47. [‡]Gunter, M.A., McLain, A., Merchant, A., Sandler, D.P., ***Steck, S.E.** A Dietary Pattern Based on Estrogen Metabolism is Associated with Breast Cancer Risk in a Prospective Cohort of Postmenopausal Women. *International Journal of Cancer*. 143(3):580-590, 2018.
48. [‡]Zheng, J.L., Merchant, A., Wirth, M., Zhang, J., [‡]Antwi, S.O., Shoaibi, A., [§]Shivappa, N., Stolzenberg-Solomon, R., Hebert, J.R., ***Steck, S.E.** Inflammatory Potential of Diet and Risk of Pancreatic Cancer in the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial. *International Journal of Cancer*. 142(12):2461-2470, 2018.
49. [‡]Zheng, J.L., [‡]Tabung, F.K., Zhang, J., Liese, A., [§]Shivappa, N., Ockene, J.K., Caan, B., Kroenke, C.H., Hebert, J.R., ***Steck, S.E.** Association between Post-Cancer Diagnosis Dietary Inflammatory Potential and Mortality among Invasive Breast Cancer Survivors in the Women's Health Initiative. *Cancer Epidemiology, Biomarkers and Prevention*. 27(4):454-463, 2018. *****Recognized for being a top cited CEBP paper for 2018.**
50. Choi, S.K., Seel, J.S., **Steck, S.E.**, Payne, J., McCormick, D., Schrock, C.S., Friedman, D.B. Talking About Your Prostate: Perspectives from Providers and Community Members. *Journal of Cancer Education*. 33(5):1052, 2018.
51. Niclis, C., Pou, S.A., [§]Shivappa, N., Hebert, J.R., **Steck, S.E.**, delPilar Diaz, M. Pro-inflammatory Dietary Intake is Associated with Increased Risk of Colorectal Cancer: Results of a Case-Control Study in Argentina Using Multilevel Modeling Approach. *Nutrition and Cancer*.70(1):61-68, 2018.
52. [§]Parada, H., Bradshaw, P.T., **Steck, S.E.**, Engel, L.S., Conway, K., Teitelbaum, S.L., Neugut, A.I., Santella, R.M., Gammon, M.D. Post-diagnosis Changes in Cigarette Smoking and Survival Following Breast Cancer. *JNCI Cancer Spectrum*. 2017 Sep;1(1). pii: pxx001. doi: 10.1093/jncics/pxx001. Epub 2017.
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19. Wirth, M., Burch, J., **Steck, S.**, Hurley, T., Sarin, R., Gupta, P., Pednekar, M., Kapoor, A., Hebert, J. Circadian disruption indicators and breast cancer risk among women in India. *Epidemiology* 23(5S); Abstract#O-146. 2012.
20. Tong, H., Rappold, A., Hinderliter, A., **Steck, S.E.**, Berntsen, J., Diaz-Sanchez, D., Devlin, R., Samet, J.M. Omega-3 fatty acid attenuates cardiovascular effects in healthy older volunteers exposed to concentrated ambient fine and ultrafine particulate matter. *American Journal of Respiratory and Critical Care Medicine* 183:A2675, 2011.
21. Samet, J.M., Rappold, A., Diaz-Sanchez, D., Hinderliter, A., Devlin, R., **Steck, S.E.**, Berntsen, J., Tong, H. Vascular effects of exposure to concentrated ambient PM in healthy older individuals. *American Journal of Respiratory and Critical Care Medicine* 183:A5609, 2011.
22. **Steck, S.E.**, Su, L.J., Arab, L., Fontham, E.T.H., Bensen, J., Hebert, J.R., Zhang, H., Mohler, J.L. Intake of dairy and calcium, NSAIDs and prostate cancer aggressiveness. *Federation of American Societies for Experimental Biology Journal* 25: Abstract#214.6, 2011.
23. **Steck, S.E.**, Burch, J.B., Hurley, T., [§]Cavicchia, P., [§]Alexander, M., [§]Shivappa, N., Hebert, J.R. A pilot study of diet and colorectal polyps by race. *Federation of American Societies for Experimental Biology Journal* 25: Abstract#978.3, 2011.
24. Payne, M., **Steck, S.E.**, Steffens, D.C. Antioxidant intakes are lower in older adults with depression. *Federation of American Societies for Experimental Biology Journal* 25: Abstract#975.5, 2011.
25. [§]Gallagher, A., Liu, J., Tobias, J., Hussey, J., Atkinson, C., **Steck, S.E.**, Breastfeeding in Infancy and Bone Mass in British Children at 10 and 16 Years of Age. *J Bone Miner Res* 26 (Suppl 1): Abstract #1139, 2011.
26. Tong, H., Rappold, A.G., Diaz-Sanchez, D., Hinderliter, A., **Steck, S.E.**, Cascio, W.E., Devlin, R.B., Samet, J.M. Fish Oil and Olive Oil Supplements Attenuate the Adverse Cardiovascular Effects of Concentrated Ambient Air Pollution Particles in Healthy Middle-Aged Adult Human Volunteers. *Circulation* 124:A15654, 2011.
27. **Steck, S.E.**, [‡]Rosling, R., Murphy, E.A, Davis, J.M., Hebert, J.R. Vitamin D status and breast cancer aggressiveness among African-American and European-American women in South Carolina. *Cancer Epidemiology, Biomarkers and Prevention* 19(10)S1; Abstract #79, 2010.
28. [‡]Tabung, F., **Steck, S.E.**, Su, L.J., Arab, L., Fontham, E.T.H., Bensen, J., Hebert, J.R., Zhang, H., Mohler, J.L. Whole grain and dietary fiber intake and prostate cancer aggressiveness by race. *Federation of American Societies for Experimental Biology Journal* 24: Abstract#729.2, 2010.
29. Su, L.J., Arab, L., **Steck, S.**, Schroeder, J.C., Fontham, E.T.H., Bensen, J.T., Mohler, J.L. Obesity and prostate cancer aggressiveness among African and Caucasian Americans. *Federation of American Societies for Experimental Biology Journal* 24: Abstract#931.5, 2010.
30. [§]Fink, B.N., **Steck, S.E.**, Wolff, M.S., Britton, J.A., Teitelbaum, S.L., Millikan, R.C., Schroeder J.C., Neugut A.I., Gammon M.D. Dietary flavonoid intake and breast cancer risk among women in

the Long Island Breast Cancer Study Project. *Proceedings of the American Association of Cancer Research* 47: Abstract #4014, 2006.

31. [‡]Paxton, A., **Steck, S.**, Kupper, L., Arab, L., Satia, J. Lifestyle changes in African Americans and whites following a diagnosis of prostate cancer: Rationale, objectives and study design. *Federation of American Societies for Experimental Biology Journal* 20: Abstract#B143, 2006.
32. **Steck, S.E.**, [‡]Wall, D.E. GST polymorphisms and urinary isothiocyanate following a broccoli meal in humans. *Federation of American Societies for Experimental Biology Journal* 20: Abstract#642.7, 2006.
33. **Steck, S.E.**, Butler, L.M., Galanko, J., Keku, T.O., Sandler, R.S., Hu, J.J. Nucleotide excision repair genetic polymorphisms, meat intake and colon cancer risk in the North Carolina Colon Cancer Study. *Cancer Epidemiology Biomarkers and Prevention*, 15(2):409, 2006.
34. **Steck, S.E.**, Gaudet, M.M., Eng, S.M., Britton, J.A., Teitelbaum, S.L., Neugut, A.I., Santella, R.M., and Gammon, M.D. Lifetime versus recent dietary intake of polycyclic aromatic hydrocarbon and heterocyclic amine sources and breast cancer risk. *Journal of Nutrition* 135(12): 3038S, 2005.
35. **Steck-Scott, S.**, Arab, L., Tseng, M., Tse, C.K., and Millikan, R. Cooked meat and breast cancer in the Carolina Breast Cancer Study. *Cancer Epidemiology, Biomarkers and Prevention* 13(2):335, 2004.
36. **Steck-Scott, S.**, Lanza, E., Forman, M., Sowell, A., Borkowf, C., Albert, P., Schatzkin, A., and The PPT Study Group. Relationship between serum carotenoids and polyp recurrence: Results from the Polyp Prevention Trial. *Federation of American Societies for Experimental Biology Journal* 15(4): Abstract # 79.4, 2001.
37. **Steck, S.E.**, Madden, M., Samet, J., Dailey, L., and Arab, L. The prevention of ozone-induced DNA damage in human lung epithelial cells by dietary antioxidants. *Federation of American Societies for Experimental Biology Journal* 14(4): Abstract # 346.4, 2000.
38. **Steck, S.E.**, Madden, M., Samet, J., and Kohlmeier, L. Effect of ozone exposure and antioxidant supplementation on DNA damage in human blood leukocytes. *Federation of American Societies for Experimental Biology Journal* 13(5): Abstract # 688.14, 1999.
39. **Steck, S.E.**, Samet, J., Craft, N., and Kohlmeier, L. Correlation between lung macrophage and plasma carotenoid levels in humans. *Federation of American Societies for Experimental Biology Journal* 13(4): Abstract # 441.14, 1999.
40. **Steck, S.E.**, Madden, M.C., Samet, J.M., and Kohlmeier, L. Effects of ozone exposure on DNA single strand breaks in peripheral blood leukocytes. *American Journal of Respiratory and Critical Care Medicine* 159, Suppl. S: Abstract # 415, 1999.
41. **Steck, S.**, Simonsen, N., Thamm, M. and Kohlmeier, L. Relationship between diet, serum and adipose antioxidants after measurement error adjustment. *Federation of American Societies for Experimental Biology Journal* 12(4): Abstract # 2000, 1998.
42. **Steck, S.**, Samet, J., Devlin, R. and Kohlmeier, L. Plasma carotenoid responsiveness to ozone exposure in humans. *Federation of American Societies for Experimental Biology Journal* 11(3): Abstract #3392, 1997.

GRANTS

ACTIVE SUPPORT

ACTIVE EXTERNAL:

- 2022-present NIH U54 CA272171-01; Faculty Initiative for Improved Recruitment, Retention, and Experience (FIIRRE). PI: A. Liese, C. Jenerette, **Faculty Development Core Co-Lead: S. Steck**. 09/01/2022 – 08/31/2027, \$13,193,466 (total)
- 2023-present NIH R01 CA259415-01A1: Cause and Effect Relationships between Glycation and the Ancestry Specific Tumor Stroma. PI: D. Turner (VCU), **Subcontract PI: S. Steck**. 01/01/2023 – 12/31/2027, \$195,695 (USC total).

ACTIVE INTERNAL/LOCAL/STUDENT GRANTS:

- 2021-2024 ASPIRE II, Office of the Vice President for Research, USC; Racial and Rural Disparities among Early-onset Breast Cancer Survivors **PI: S. Steck**, 07/01/2021–09/30/2024, \$99,978 (total direct)

PAST SUPPORT

PAST EXTERNAL:

- 2018-2022 NIH R15 CA231510; Genetic Variability in *DHFR* and Folic Acid Supplementation as Novel Risk Factors for Aggressive Prostate Cancer. PI: L.J. Su, **Subcontract PI: S. Steck**. 09/06/2018-05/31/2022, \$489,650 (total), \$109,786 (USC portion, total)
- 2017-2020 GTDR17500160 Susan G. Komen Graduate Training in Disparities Research Program, Interdisciplinary Graduate Training Program in Cancer Disparities, **PI: S. Steck**, Co-PI: E.A. Murphy, 06/28/2017-12/27/2020, \$405,000 (total)
- 2015-2016 American Institute for Cancer Research #318258, Inflammatory Potential of Diet and Risk of Cancer Mortality in Women, **PI: S. Steck**, 01/01/2015 – 12/31/2016, \$165,000 (total)
- 2014-2016 NCI R03, Innovative Spatio-temporal Survival Models Allowing Crossing Survival, PI: J. Zhang, **Co-investigator: S. Steck**, 01/01/2014 – 12/31/2016, \$142,424 (total)
- 2011-2015 DoD Award DAMD-11-1-0568, Vitamin D and Related Genes, Race and Prostate Cancer Aggressiveness, **PI: S. Steck**, 09/30/2011 – 09/29/2015, \$706,958 (total)
- 2013-2015 Prevent Cancer Foundation, Dietary Inflammatory Index and Risk of Breast and Colorectal Cancers, **PI: S. Steck**, 02/15/2013 – 02/14/2015, \$80,000 (total)
- 2012-2014 NCI R03, Flavonoids, Esophageal Adenocarcinoma, and Barrett's Esophagus, PI: M. Gammon (UNC-CH), **Consultant: S. Steck**, 2012-2014.
- 2013-2014 NCI F31 CA177255, Dietary Inflammatory Index and Risk of Cancer in Women, PI: F. Tabung, **Sponsor/Mentor: S. Steck**, 10/01/2013 – 08/09/2014, \$38,889 (total)
- 2012-2014 NCI R03, Innovative Spatial Survival Models with Geographically Varying Coefficients, PI: J. Zhang, **Co-investigator: S. Steck**, 2/01/2012 – 01/31/2014, \$145,000 (total)

- 2012-2013 Subcontract to Wake Forest University, Pilot Trial of Ethnicity-related SNPs and Lipidomics in Prostate Cancer, **Co-PIs: J. Hebert, S. Steck**, 05/01/2012 - 8/31/2013, \$43,000 (total)
- 2010-2012 NIH: COBRE 5P20RR017698, Inflammation-related Genes, Dietary Inflammatory Index and Colorectal Cancer, PI: F. Berger, **Target Project PI: S. Steck**, 06/01/2010 – 05/31/2012, \$170,000 (total direct)
- 2010-2012 NCI: 1R03 CA150077, Sample Size Method and Software Development in Survival Trial with a Cure Rate, PI: J. Zhang, **Co-investigator: S. Steck**, 07/01/2010 – 06/30 2012, \$157,990 (total)
- 2009-2012 NCI: 1R03 CA139538, Development and Evaluation of Spatial Survival Methods, PI: J. Zhang, **Co-investigator: S. Steck**, 09/01/2009 – 08/31/2012, \$150,466 (total)
- 2009-2010 CDC: SIP, South Carolina Cancer Prevention and Control Research Network, PI: J. Hebert, **Co-investigator: S. Steck**. 09/30/2009 – 09/29/2010, \$1,496,341 (total)
- 2008-2010 NCI: 3U01 CA114601-03S5 (supplement), Epigenetics and Diet in the Carcinogenesis Process, PI: J. Hebert, **Project Co-Leader: S. Steck**, 05/31/2008 – 05/30/2010, \$99,679 (total direct)
- 2007-2009 NARSAD, Antioxidants and MRI-defined Vascular Depression, PI: M. Payne, **Mentor: S. Steck**, 07/31/2007 – 12/31/2009, \$30,000 (total direct)
- 2004-2009 DoD: PC030770, Racial Differences in Lifestyle Modification in Men with Newly Diagnosed Prostate Cancer, **PIs: J. Satia, S. Steck** 07/01/2004-06/30/2009, \$299,912 (total direct)
- 2003-2009 DoD: DAMD 17-03-2-0052, Racial Differences in Prostate Cancer: Influence of Health Care Interaction and Host and Tumor Biology, PI: J. Mohler, **Project Co-leader: S. Steck**, 09/01/2003 - 10/31/2009, \$7,016,057 (total direct)
- 2003-2009 NCI: 1K07CA102640, Gene-nutrient Interactions and Breast Cancer, **PI: S. Steck**, 09/01/2003 – 08/31/2009, \$491,396 (total direct)
- 2005-2006 Lance Armstrong Foundation: Flavonoid Intake and Breast Cancer Incidence and Survival. PI: MD Gammon, **Consultant: S. Steck**, \$144,000 (total direct)
- 2004-2006 American Institute for Cancer Research, Cooked Meat, DNA Repair Genes, and Breast Cancer Risk, Recurrence and Survival, **PIs: M.D. Gammon, S. Steck**, 01/30/2004 - 12/31/2006, \$82,161 (total direct)
- 2004-2005 Cognis Corporation, CLA and Body Fat Mass in Obese Humans, **PI: S. Steck**, 01/31/2004 - 12/01/2005, \$86,318 (total direct)
- 2003-2005 ASPO/CRFA Cancer Prevention Research Fellowship, The Interaction Between DNA Repair Genes and Cooked Meat Intake in Relation to Breast and Colon Cancer, **PI: S. Steck**, 07/15/2003 – 7/14/2005, \$60,000 (total direct)

PAST INTERNAL/LOCAL/STUDENT GRANTS:

- 2022-2023 University of South Carolina Office of Undergraduate Research, Magellan Journey Award and Magellan Apprentice Award for undergraduate Honors College student Ella Gustafson, The effect of nutrition and lifestyle on improving quality of life after breast cancer diagnosis. **Primary Mentor: S. Steck**, 10/01/2022-12/08/2023, \$2000 (total direct)
- 2022-2023 USC Big Data Health Sciences Center Pilot Project; Prediction of Metabolic Syndrome Using Dietary Data and Machine Learning Methods. **PI: S. Steck**. 08/15/2022 – 08/14/2023, \$29,842 (total direct)
- 2022 University of South Carolina Office of Undergraduate Research, Magellan Scholar Award for undergraduate Honors College student Katherine Gregory, Adherence to lifestyle guidelines among cancer survivors. **Primary Mentor: S. Steck** (Secondary Mentor: L. Zhao), 01/01/2022-12/31/2022, \$1650 (total direct)
- 2022 University of South Carolina Office of Undergraduate Research, Magellan Scholar Award for undergraduate student Cassandra Hett, Types of COVID-19 related taste and smell loss and resulting effects on diet, food preferences, and lifestyle. Primary Mentor: C. Pellegrini; **Secondary Mentor: S. Steck**, 01/01/2022-12/31/2022, \$2700 (total direct)
- 2021-2022 University of South Carolina, SPARC Graduate Research Fellowship for doctoral candidate Bezawit Kase, Dietary Index for Gut Microbiota and Associations with Colorectal Cancer and Breast Cancer Risk, **Mentor: S. Steck**, 05/01/2021-07/31/2022, \$4,543 (total direct)
- 2021 University of South Carolina Office of Undergraduate Research, Magellan Scholar Award for undergraduate student Etienne Thiria, How has the COVID-19 pandemic changed dietary habits in the USC population? **Primary Mentor: S. Steck** (Secondary Mentor: C. Pellegrini), 01/01/2021-12/31/2021, \$2750 (total direct)
- 2019 University of South Carolina, SPARC Graduate Research Fellowship for doctoral candidate Omonefe Omofuma, Dietary Advanced Glycation End-Products and Breast Cancer Risk, **Mentor: S. Steck**, 05/01/2019-12/31/2019, \$4,892 (total direct)
- 2017-2019 NIH: COBRE 5P20RR017698 Center for Colon Cancer Research (PI: F. Berger); Diet, Obesity, and the Gut Microbiome: Implications for Cancer Health Disparities. **Pilot Project PI: S. Steck**, 08/01/2017-07/31/2019, \$40,000 (total direct)
- 2016-2019 ASPIRE II, Office of the Vice President for Research, USC; Synthetic Lectin Sensor Arrays to Assess Prostate Cancer-Associated Glycosylation Patterns: Towards Screening, Staging and Prognosis, PI: J. Lavigne, **Co-PI: S. Steck**, 07/01/16 – 05/31/19, \$100,000 (total direct)
- 2017 University of South Carolina, SPARC Graduate Research Fellowship for doctoral candidate Jiali Zheng, **Mentor: S. Steck**, 05/01/2017-12/31/2017, \$4,991 (total direct)

- 2017 University of South Carolina, SPARC Graduate Research Fellowship for doctoral candidate Mark Guintier, **Mentor: S. Steck**, 05/01/2017-12/31/2017, \$4,038 (total direct)
- 2016 South Carolina Cancer Alliance, An Implementation Project to Increase Prostate Health in South Carolina, PI: D. Friedman, J. Payne; **Co-PI: S. Steck**, 05/01/2016 – 12/31/2016, \$33,900 (total).
- 2014 University of South Carolina, SPARC Graduate Research Fellowship for doctoral candidate Samuel Antwi, **Mentor: S. Steck**, 05/01/2014-12/31/2014, \$4,399 (total direct)
- 2013-2014 University of South Carolina, SPARC Graduate Research Fellowship for doctoral candidate Fred Tabung, **Mentor: S. Steck**, 05/01/2013-08/01/2014, \$4,851 (total direct)
- 2012-2013 ASPIRE-II Preparing for a Program Project Grant in Diet, Physical Activity, and Energy Balance to Address Large Racial Disparities in Colon Cancer Prevention and Control, PI: J. Hebert, **Co-investigator: S. Steck**, 07/01/2012 - 06/30/2013, \$100,000 (total direct)
- 2011 Center for Research in Nutrition and Health Disparities, Benefits of Seafood Consumption Versus Risk of mHg: Does Consumption Warrant Concern? PI: V. Shervette, **Co-investigator: S. Steck**, 01/01/2011 – 12/31/2011
- 2009-2010 USC Research Opportunity Program, Role of Genetic and Dietary Factors in Breast Cancer Risk: Study of a Population in Demographic Transition, PI: J. Burch, **Co-investigator: S. Steck**, 07/01/2009 – 09/30/2010, \$20,000 (total direct)
- 2008-2010 USC Center for Research in Nutrition and Health Disparities, Predictors of Vitamin D Status among African Americans and European Americans, **co-PIs: S. Steck, C. Armstead**, 07/01/2008 – 06/30/2010, \$18,000 (total direct)
- 2007-2008 USC Research Opportunity Program: 22080-07-15440, Epigenetics and Diet in the Carcinogenesis Process, **PI: S. Steck**, 04/01/2007-12/31/2008, \$18,000 (total direct)
- 2006-2007 South Carolina Cancer Center Seed Grant, Relationship Between Serum and Breast Tissue Vitamin D Metabolites and Genetic Polymorphisms by Race, **PI: S. Steck**, 04/01/2006 - 11/30/2007, \$25,000 (total direct)
- 2004 Junior Faculty Development Award, UNC-CH, Isothiocyanate Excretion and GST Polymorphisms (Supplement), **PI: S. Steck**, 01/01/2004 - 12/31/2004, \$5,000 (total direct)
- 2003-2005 Clinical Nutrition Research Center, UNC-CH, Pilot and Feasibility Award, Isothiocyanate Excretion and GST Polymorphisms, **PI: S. Steck**, 10/01/2003 – 9/30/2005, \$50,000 (total direct)

TEACHING RECORD

DISSERTATION PRIMARY ADVISOR (USC)

- 2023-present Jessica Sainyo, PhD candidate, BBIP Trainee, SREB Fellow, Department of Epidemiology and Biostatistics
- 2021-2023 Longgang Zhao, PhD, Department of Epidemiology and Biostatistics; placement after graduation: postdoctoral fellow at Harvard Medical School
- 2020-2022 Bezawit Kase, PhD, Department of Epidemiology and Biostatistics, placement after graduation: SC DHEC
- 2017-2019 Omonefe Omofuma, PhD, Arnold Fellow, Department of Epidemiology and Biostatistics; placement after graduation: postdoctoral fellow at the National Cancer Institute, National Institutes of Health
- 2015-2017 Mark Guinter, PhD, BBIP Trainee, Presidential Fellow, Department of Epidemiology and Biostatistics; placement after graduation: postdoctoral fellow at the American Cancer Society Epidemiology Research Program; currently: Data Scientist at Flatiron Health
- 2015-2017 Jiali Zheng, PhD, Department of Epidemiology and Biostatistics; placement after graduation: postdoctoral fellow at the MD Anderson Cancer Center; currently: Associate Professor at Shanghai Jiao Tong University School of Medicine
- 2012- 2014 Samuel Antwi, PhD, Department of Epidemiology and Biostatistics; placement after graduation: postdoctoral fellow in the Mayo Clinic Genetic Epidemiology Fellowship Program; currently: Research Associate at Mayo Clinic Cancer Center
- 2012- 2013 Daria McMahan, PhD, Department of Epidemiology and Biostatistics (switched mentor prior to graduation)
- 2011- 2014 Fred Tabung, PhD, Department of Epidemiology and Biostatistics; placement after graduation: postdoctoral fellow in the Yerby Fellowship Program at Harvard School of Public Health; currently: Assistant Professor at the Ohio State University

DISSERTATION COMMITTEE MEMBER

- 2023-present Angel Earle, PhD candidate, Department of Epidemiology and Biostatistics, USC
- 2022-present Mason Rodriguez, PhD student, Department of Psychology, USC
- 2021-2022 Kristin Kirchner, PhD candidate, Department of Psychology, USC
- 2020-2021 Alex Steiner, PhD, Department of Psychology, USC
- 2019 Lara Schneider, PhD candidate, Department of Epidemiology and Biostatistics, USC
- 2018-2022 Joyce Rhoden, PhD, Department of Epidemiology, UNC-CH; NIH F31 recipient, Steck served on F31 advisory committee
- 2016-2020 Nazratun Monalisa, PhD, Health, Promotion, Education and Behavior, USC
- 2016-2018 Kathleen McClain, PhD, Department of Epidemiology, UNC-CH
- 2015-2017 Songqiao Huang, PhD, Department of Statistics, USC
- 2015-2017 Nan Li, PhD, Department of Epidemiology, UNC-CH
- 2015-2016 Humberto Parada, PhD, Department of Epidemiology, UNC-CH
- 2014-2015 Mark Park, PhD, Department of Epidemiology and Biostatistics, USC
- 2013–2015 Azza Shoaibi, PhD, Department of Epidemiology and Biostatistics, USC
- 2011–2016 Melannie Alexander, PhD, Department of Epidemiology and Biostatistics, USC
- 2013–2014 Nitin Shivappa, PhD, Department of Epidemiology and Biostatistics, USC
- 2013–2014 Nikhil Khankari, PhD, Department of Epidemiology, UNC-CH

2012–2014 Ali Ziyab, PhD, Department of Epidemiology and Biostatistics, USC
 2011–2014 Jessica Petrick, PhD, Department of Epidemiology, UNC-CH
 2011-2013 Leepao Khang, PhD, Department of Epidemiology and Biostatistics, USC
 2010-2011 Alexa Gallagher, PhD, Department of Epidemiology and Biostatistics, USC
 2009-2011 Philip Cavicchia, PhD, Department of Epidemiology and Biostatistics, USC
 2008-2011 Jamie Ritchey, PhD, Department of Epidemiology and Biostatistics, USC
 2004–2006 Lisa Quintiliani, PhD, Department of Nutrition, UNC-CH
 2004–2006 Joanne Watters, PhD, Department of Nutrition, UNC-CH (resigned from committee after move to USC)
 2004–2005 Kelly Webber, PhD, Department of Nutrition, UNC-CH (resigned from committee after move to USC)
 2003-2006 Brian Fink, PhD, Department of Epidemiology, UNC-CH
 2003–2011 Melanie Young, (did not complete degree), Department of Epidemiology, UNC-CH

THESIS PRIMARY ADVISOR (USC, Department of Epidemiology and Biostatistics)

2020-2021 Chantaezia Joseph, MSPH
 2019-2020 Marie Knoll, MSPH
 2019-2020 Brittany Crawford, MSPH
 2018-2019 Diana Diaz, MSPH
 2014-2015 Lara Schneider, MSPH
 2012-2013 Kendrea Knight, MSPH
 2011-2012 Rebecca George, MSPH
 2008-2009 Amanda Ayers Maise, MSPH
 2007-2009 Fred Tabung, MSPH
 2007-2008 Lareissa Stumm, MSPH
 2006-2007 Jessica Henry, MSPH

THESIS COMMITTEE MEMBER (USC)

2023-2024 Nadine El Kalach, MS student, Department of Epidemiology and Biostatistics
 2023-2024 Hannah Dice, MS student, Department of Epidemiology and Biostatistics
 2021-2022 Avery Ulrich, MSPH, Department of Epidemiology and Biostatistics
 2019-2020 Haley Davis-Martin, MSPH, Department of Epidemiology and Biostatistics
 2018-2019 Anne (Shelley) Hucks, MS, Department of Biologic Sciences
 2010-2011 Tanishah Nellom, MSPH, Department of Epidemiology and Biostatistics

MPH APPLIED PRACTICE EXPERIENCE ADVISOR (USC)

2024 Corinne McKenzie, MPH Student
 2023 Lauren McAbee, MPH Student
 2021 Kai Cobb, MPH

COMPREHENSIVE EXAMINATION COMMITTEE MEMBER (USC)

2022 Longgang Zhao, PhD candidate, Department of Epidemiology and Biostatistics
 2021 Kristin Kirchner, PhD candidate, Department of Psychology
 2020 Bezawit Kase, PhD candidate, Department of Epidemiology and Biostatistics
 2020 Alex Steiner, PhD candidate, Department of Psychology

2019 Omonefe Omofuma, PhD candidate, Department of Epidemiology and Biostatistics
 2017 Mark Guinter, PhD candidate, Department of Epidemiology and Biostatistics
 2017 Nazratun Monalisa, PhD candidate, Health, Promotion, Education and Behavior
 2016 Jiali Zheng, PhD candidate, Department of Epidemiology and Biostatistics
 2015 Mark Park, PhD candidate, Department of Epidemiology and Biostatistics
 2014 Azza Shoaibi, PhD candidate, Department of Epidemiology and Biostatistics
 2014 Ali Ziyab, PhD candidate, Department of Epidemiology and Biostatistics
 2014 Melannie Alexander, PhD candidate, Department of Epidemiology and Biostatistics
 2014 Nitin Shivappa, PhD candidate, Department of Epidemiology and Biostatistics
 2013 Fred Tabung, PhD candidate, Department of Epidemiology and Biostatistics
 2013 Samuel Antwi, PhD candidate, Department of Epidemiology and Biostatistics
 2012 Leepao Khang, PhD candidate, Department of Epidemiology and Biostatistics
 2010 Philip Cavicchia, PhD candidate, Department of Epidemiology and Biostatistics
 2010 Jamie Ritchey, PhD candidate, Department of Epidemiology and Biostatistics
 2010 Alexa Gallagher, PhD candidate, Department of Epidemiology and Biostatistics
 2010 Sara Omanson, PhD candidate, Department of Exercise Science

BBIP RESEARCH ROTATION MENTOR

2020 Mason Rodriguez, PhD Student, Psychology
 2019 Alex Steiner, PhD Student, Psychology
 2018 Kristin Kirchner, PhD Student, Psychology

UNDERGRADUATE RESEARCH MENTOR

2022-present Ella Gustafson, Magellan Journey Award and Magellan Apprentice Award, USC
 2021-2022 Katherine Gregory, BARSC-MD, Honors College, Magellan Scholar, USC
 2020-2021 Etienne Thiria, Biomedical Engineering, Magellan Scholar, USC
 2019 Raeann Vossberg, Honors College, USC
 2018-2021 Sabah Bhamani, Honors College, USC
 2018-2019 Elizabeth Thompson, Honors College, USC
 2018, 2020 Kelly Senour, USC
 2018 Clare McTighe, USC
 2017-2018 Amy Hadley, BS in Nursing, Honors College, USC
 2017 Anne Shelley Hucks, BS in Biology, USC
 Summer 2015 Amanda Lee, BS in Public Health, Wellesley College, as part of the Center for Colon Cancer Research Minority Summer Fellowship Program
 2013-2015 Rozina Merchant, BS in Biology, Honors College, Science Undergraduate Research Fellowship (SURF) Awardee, Magellan Scholar, USC
 Summer 2011 Maningbe Berete, BS in Molecular and Cellular Biology, Johns Hopkins University
 2009-2010 Rebecca Rosling (George), BS in Biology, Honors College, SURF Awardee, USC

CAROLINA SCHOLAR MENTOR

2021-2022 Muskann Makkar, Stamps Scholar, First-year undergraduate student, Public Health
 2020-2021 Eesha Gurav, First-year undergraduate student, Public Health
 2019-2020 Samantha Feeney, First-year undergraduate student, Public Health

STUDENT HONORS and AWARDS

Omonefe Omofuma, Primary mentor for PhD

- 2020 Donna and Andrew Sorensen Graduate Student Fellowship for Cancer Research
- 2019 International Student Achievement Award, USC
- 2019 Outstanding Epidemiology Doctoral Student Award, USC
- 2019 Malcolm U. Dantzler Scholarship, South Carolina Public Health Association
- 2019 Public Health Scholarship, South Carolina Public Health Association
- 2019 Second Place, Student Poster Competition, USC Nutrition Consortium Symposium
- 2019 GMaP Region 1 North Travel Scholarship to attend the AACR Environmental Carcinogenesis Meeting
- 2018 Breast Cancer and the Environment Research Program (BCERP) Travel Scholarship to attend the BCERP Annual Meeting
- 2018 Jon Shevell Young Scientist Travel Scholarship to attend AACR The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved Meeting
- 2018 John Milner Nutrition & Cancer Prevention Research Practicum Project, Third Place Award
- 2017 The Outstanding Achievement and Student Triumph (TOAST) leadership certificate
- 2017-18 Selected as trainee, Susan G. Komen IGniTE-CD Training Grant
- 2015-17 Arnold Doctoral Fellowship

Mark Guinter, Primary mentor for PhD

- 2014 USC Presidential Fellow
- 2014 Selected as trainee, BBIP T32 Training Grant

Jiali Zheng, Primary mentor for PhD

- 2016 Finalist, Donna and Andrew Sorensen Graduate Student Fellowship for Cancer Research
- 2016 American Institute for Cancer Research Travel Scholarship
- 2016 ASPO Travel Award for Pre-doc Trainees, abstract selected for oral presentation, abstract selected as one of top 18 abstracts and published in *Cancer Epidemiology Biomarkers & Prevention*

Samuel Antwi, Primary mentor for PhD

- 2015 American Association for Cancer Research (AACR) Minority Scholar in Cancer Research Award for travel to the Annual Meeting
- 2015 USC Breakthrough Graduate Scholar
- 2015 Outstanding Epidemiology Doctoral Student Award, USC
- 2014 USC Center for Colon Cancer Research Minority Scholar Award
- 2014 Selected to participate in the New Investigators Workshop at the ASPO Annual Meeting
- 2014 Selected to participate and travel award to Integrative Molecular Epidemiology Workshop, American Association for Cancer Research
- 2014 Selected to participate and travel award to National Institute of General Medical Sciences-Sponsored Short Course on Statistical Genetics and Genomics, University of Alabama
- 2013 AACR Minority Scholar in Cancer Research Award for abstract presented at AACR Health Disparity Meeting

Fred Tabung, Primary mentor for PhD and MSPH

- 2015 Finalist for American Society for Nutrition's (ASN) Emerging Leaders in Nutrition Science Poster Competition at 2015 Experimental Biology Annual Meeting (abstract related to dissertation research)

- 2015 One of five finalists selected for ASN's Young Minority Investigator Oral Competition at Experimental Biology Annual Meeting (abstract related to dissertation research)
- 2014 One of nine finalists for the Nutritional Epidemiology Research Interest Section graduate poster competition at Experimental Biology Annual Meeting
- 2014 Calle/Rodriguez Minority Travel Award to attend the American Society of Preventive Oncology (ASPO) Annual Meeting
- 2014 Best Student Poster Award at ASPO Annual Meeting
- 2014 USC Breakthrough Graduate Scholar
- 2014 Arnold School of Public Health Doctoral Achievement Award, USC
- 2013 Federation of American Societies for Experimental Biology (FASEB)/Maximizing Access to Research Careers (MARC) Program /ASN Travel Award
- 2013 One of six finalists for the ASN Young Minority Investigator Oral Competition at the Experimental Biology Meeting
- 2013 USC Center for Colon Cancer Research Fellowship
- 2013 American Institute for Cancer Research Travel Award
- 2013 South Carolina Public Health Association student award for abstract at annual meeting

COURSE RESPONSIBILITIES

University of South Carolina:

- 2021, 2022 Instructor, Independent Study on Methods and Measurement in Nutritional Epidemiology (EPID 890, 3 PhD students), Fall
- 2021 Instructor, Independent Research (BMEN499, 1 student), Spring
- 2020 Instructor, Independent Study (EPID 890, 1 student and PUBH399, 1 student), Spring
- 2018 Instructor, Topics in Epidemiology: Breast Cancer Disparities (EPID794), Summer
- 2011-20, '23 Instructor, Nutritional Epidemiology (EPID763), every Fall
- 2010-2015 Instructor, Epidemiology Masters Seminar (EPID745), Spring '10, Spring '14, Fall '15
- 2010-present Instructor, Cancer Epidemiology (EPID746), Fall '10, Spring '13, '15, '19, '21, '23
- 2012-present Instructor, Consulting Practicum (8 total) (EPID890), Spring '09, Fall '12, Fall '15, Spring '16, Fall '17, Spring '20, Fall '21
- 2008-2012 Instructor, Epidemiology Doctoral Seminar (EPID845), Fall '08, Fall '09, Spring '12

University of North Carolina at Chapel Hill:

- 2005 Co-instructor, Nutritional Epidemiology (NUTR 259/EPID 259), Spring
- 2003 Instructor, Readings in Nutrition (NUTR 170), 1 Epidemiology Student, Fall

OTHER TEACHING (GUEST LECTURES OR WORKSHOPS):

- 2023 EPID 800 "Overview of Nutrition and Cancer Epidemiology", Fall, USC
- 2022 Honors Clinical Nutrition (Nursing): "Dietary Patterns and Cancer Prevention," Spring, USC
- 2019-2022 Cancer: Causes, Treatment and Prevention (PHMY 717/PHAR 735): "Epidemiology of Cancer," Spring, USC
- 2021 Grant Proposal Development (NURS 870): Grant reviewer of student class project, Fall, USC
- 2020 EPID 394 "Studying the Role of Nutrition in Health Using Epidemiologic Methods," Fall, USC
- 2017-present Epidemiologic Methods III (EPID 802): Grant reviewer of student class project, USC, Spring 2017, '20, '21, Fall 2023

- 2015, '19, '20 Epidemiologic Methods III (EPID 802): "Grantsmanship Considerations for Studies of Nutritional Epidemiology and Gene-Environment Interactions," Spring, USC
- 2016 Clinical Nutrition (Nursing): "Dietary Supplements," Spring (2 lectures), USC
- 2015 Social and Physical Environmental Interventions in Health Promotion (HPEB 824): Grant Proposal Peer Review Panelist, Spring, USC
- 2015 Nutrition and Public Health (HPEB 752): "Vitamin D: Requirements, measurement, and associations with cancer," Spring, USC
- 2015 Nutrition and Immunology (EXSC 620): "Diet and Inflammation: A Novel Dietary Inflammatory Index," Spring, USC
- 2014, '17 Introduction to Epidemiology (EPID 410): "Nutrition and Cancer Epidemiology: An Introduction," Fall, USC
- 2014 Applied Nutrition (HPEB 502): "Vitamin D: Requirements, measurement, and associations with cancer," Fall, USC
- 2014 Epidemiologic Methods III (EPID 802): "Grantsmanship Considerations for Studies of Nutritional Epidemiology and Gene-Environment Interactions," Fall, USC
- 2014 Masters Seminar (EPID 745): "Vitamin D and Prostate Cancer: Racial disparities and gene-nutrient interactions," Fall, USC
- 2014 Reproductive and Perinatal Epidemiology (EPID 765): "Epidemiology of Cancers of Reproductive Organs: Breast and Ovarian," Spring, USC
- 2013 Epidemiology Masters Seminar (EPID 745): "Vitamin D, Calcium, and Prostate Cancer: the Good, the Bad and the Dairy," Fall, USC
- 2013 Application of Epidemiology in Public Health (EPID 758): Course Review, Fall, USC
- 2013 Social and Physical Environmental Interventions in Health Promotion (HPEB 824): Grant Proposal Peer Review Panelist, Spring, USC
- 2013 Nutrition and Immunology (EXSC 620): "Diet and Inflammation: A Novel Dietary Inflammatory Index," Spring, USC
- 2013 Nutrition in the Lifecourse (HPEB 620): "Vitamin D: Lifecourse Requirements and Associations with Breast Cancer Risk," Spring, USC
- 2012 Reproductive and Perinatal Epidemiology (EPID 765): "Epidemiology of Cancers of Reproductive Organs: Breast and Ovarian," Spring, USC
- 2012 Nutrition in the Lifecourse (HPEB 620): "Vitamin D Requirements Throughout the Lifecourse," Spring, USC
- 2012 Epidemiologic Methods III (EPID 801): "Grantsmanship Issues Related to Nutrition and Gene-environment Interaction Studies," Spring, USC
- 2011 Social and Physical Environmental Interventions in Health Promotion (HPEB 824): Grant Proposal Peer Review Panelist, Spring, USC
- 2010, '17, '18 Epidemiology Masters Seminar (EPID 745): "Nutrition and Cancer Epidemiology," Fall, USC
- 2010 Greenville Hospital Systems/University of South Carolina Clinical Research Training Series. "I have how many words? Writing an abstract for review or for publication." Greenville, SC, June 18, 2010.
- 2010 Greenville Hospital Systems/University of South Carolina Clinical Research Training Series. "If it's in JAMA it has to be right, right? Reading the literature and doing a lit review." Greenville, SC, May 28, 2010.
- 2010 Reproductive and Perinatal Epidemiology (EPID 765): "Epidemiology of Cancers of Reproductive Organs: Breast and Ovarian," Spring, USC
- 2010 Neoplasia (PATH 710): "Cancer Epidemiology" and "Diet and Cancer," Spring, USC
- 2009 Nutritional Epidemiology (EPID 763): "Overview of Dietary Assessment Methods," "Non-dietary Methods of Assessing Nutritional Exposures," "Timing of Exposures Part

- II: Reconciling observational data with clinical trial data in nutritional epidemiology”
Fall, USC
- 2009 Endocrinology of Exercise and Health (EXSC 755): “Vitamin D and Breast Cancer”
Fall, USC
- 2009 Greenville Hospital Systems/University of South Carolina Clinical Research Training
Series. “If it’s in JAMA it has to be right, right? Reading the literature and doing a lit
review.” Greenville, SC, May 29, 2009.
- 2008 Public Health Nutrition (HPEB): “Diet and Cancer” Fall, USC
- 2008 Epidemiology Masters Seminar (EPID 745): “Manuscript Preparation” Fall, USC
- 2008 Cancer Epidemiology (EPID 746): “Course Introduction,” “Evaluating the
Carcinogenesis Process Using Epidemiologic Methods,” “Biomarkers of Exposure,”
“Gene-environment Interactions” Fall, USC
- 2008, ‘09 Epidemiologic Methods III (EPID 801): “Biological and Epidemiological Aspects of
Gene-environment Interactions” Spring, USC
- 2007 Nutritional Epidemiology (EPID 763): “Gene-environment Interactions” Spring, USC
- 2007 Epidemiologic Concepts in Selected Diseases or Health Conditions (EPID 745):
“Nutritional Epidemiology” Spring, USC
- 2006 Cancer Epidemiology (EPID 746): “Studying the Carcinogenesis Process Using
Epidemiologic Methods,” “Diet and Cancer,” “Biomarkers of Exposure,” “Gene-
environment Interactions” Fall, USC
- 2003, ‘04 ‘05 Cancer Prevention and Control (EPID 290): “Diet and Cancer,” Fall, UNC-CH
- 2003 Advanced Nutritional Epidemiology Methods (NUTR 360): “Gene-nutrient
Interactions,” Fall, UNC-CH
- 2003, ‘04 Nutritional Epidemiology (NUTR 259): “Diet and Cancer,” Spring, UNC-CH
- 2003 Nutritional Epidemiology (NUTR 259): Student Debates (Examiner), UNC-CH
- 2003, ‘04, ‘05 Cancer Pathobiology (PATH 225): “Diet and Cancer,” Spring, UNC-CH

ACADEMIC ADVISING

University of South Carolina, Department of Epidemiology and Biostatistics

- 2023-present Allison Hughes, MS student
- 2022-present Brittany Smith, MS student
- 2022-2024 Lauren McAbee, MPH student
- 2022-2024 Corinne McKenzie, MPH student
- 2023-present Gayle Tyler-Stukes, PhD student
- 2022-present Anna Marie Pavy, PhD student, BBIP Trainee
- 2021-present Jessica Sainyo, PhD student, BBIP Trainee, SREB Fellow
- 2020-2022 Padgett Powe, MPH student
- 2020-2022 Bezawit Kase, PhD student
- 2019-2023 Longgang Zhao, PhD student
- 2019-2021 Kai Cobb, MPH student
- 2018-2021 Brittany Crawford, MSPH student, PhD student, BBIP Trainee
- 2018-2019 Diana Diaz, MSPH student
- 2017-2018 Ly Tran, MPH student
- 2016-2019 Iffat Nahar, MPH student
- 2015-2019 Omonefe Omofuma, PhD student, Arnold Fellow
- 2015-2018 Katherine O’Shields, MSPH student
- 2014-2017 Mark Guinter, PhD student, BBIP Trainee, Presidential Fellow
- 2013-2017 Jiali Zheng, PhD student

2013 Katrina Thompson, MSPH student
 2012-2015 Tushar Yadav, MPH student
 2012-2015 Joseph Current, MSPH student
 2012-2013 Kendrea Knight, MSPH student
 2012-2014 Samuel Antwi, PhD student
 2012-2013 Daria McMahon, PhD student
 2011-2014 Fred Tabung, PhD student
 2011-2012 Ransome Eke, PhD student
 2011-2012 Hanze Zhang, MSPH student
 2010-2012 Rebecca George, MSPH student
 2010-2011 Drew Westmoreland, MSPH student
 2008-2010 Shana Nehls-Bogenschneider, MSPH student
 2007-2009 Amanda Ayers, MSPH student
 2007-2009 Fred Tabung, MSPH student

University of North Carolina at Chapel Hill, Department of Nutrition

2005 Amy Paxton, PhD student
 2004–2005 Erin Kendrick, MPH student
 2004–2005 Rachel Bikoff, MPH student
 2004–2005 Leslie Gaillard, MPH student
 2003–2005 Denise Wall, MPH student
 2002–2004 Joan Davis, MPH student

PROFESSIONAL SERVICE

GRANT APPLICATION REVIEWER

EXTERNAL/FEDERAL REVIEWS:

2023 NIH/CSR/CHD, ad-hoc reviewer (R01/R21)
 2022 NIH/NCI SEP, Clinical and Translational Cancer Research (R21/R03)
 2021 NIH SEP, New Cohorts for Environmental Exposures and Cancer Risk (CEEER; UG3/UH3)
 2012,'19,'21 NIH SEP, Provocative Questions
 2021 NIH/NIDDK SEP, Dietary Biomarker Development Centers (U2C)
 2007-present Department of Defense, Breast Cancer Research Program (2007, 2009, 2010, 2014, 2015, 2018, 2020, 2021, 2024)
 2019 NIH CHSB Ad Hoc Reviewer
 2019 Chair, Department of Defense Study Section
 2018 University of Arizona, invited grant review
 2016 NIH Infectious Disease, Reproductive Health, and Asthma/Pulmonary Conditions
 2016 NIH SEP, Basic Cancer Research in Cancer Health Disparities
 2015, 2019 American Society of Preventive Oncology, Breast Cancer Research Fellowship
 2015 Academy of Nutrition and Dietetics, Amy Joye Memorial Research Award
 2014 NIH SEP, Genome X Environment Interaction Analysis
 2012 NIH Small Grants Program in Cancer Epidemiology
 2011 NIH SEP, EPIC Member Conflicts
 2011 NIH BCHI Panel, PAR-11-032: Methods and Approaches for Detection of Gene-Environment Interaction in Human Disease

2010 NIH SEP, National Institute on Minority Health and Health Disparities
 2010 Susan G. Komen for the Cure Grants Program, Post-baccalaureate Training in Disparities Research Grants
 2008-2010 Susan G. Komen for the Cure Grants Program, Career Catalyst in Disparities Research
 2007-2009 NIH Small Grants Program in Cancer Epidemiology (PAR06-294)
 2007 Grant application to World Cancer Research Fund International

INTERNAL/LOCAL REVIEWS:

2023 Big Data Health Science Pilot Project, USC
 2021 Pew Biomedical Scholars Program pre-proposals, USC
 2017, 2021 Magellan Scholar Awards, USC
 2017 Advanced Support Program for Innovative Research Excellence (ASPIRE) II, USC Vice President for Research Grant Program, USC
 2015 South Carolina Floods call for proposals, USC Office of the Vice President for Research
 2015 Mary Kay Foundation Internal Grant Proposal Selection, USC
 2014,'17,'24 SPARC graduate student grant applications, USC Office of the Vice President for Research
 2012, 2014 ASPIRE I grant proposals, Vice President for Research Grant Program, USC
 2011 Promising Investigator Research Award, Office of Research and Graduate Education, USC
 2010 Short-term Research Education Program to Increase Diversity in Health-Related Research (R25), Internal Competition, USC
 2010 Reviewer, Center for Research in Nutrition and Health Disparities Pilot Projects, USC
 2010 Reviewer, South Carolina Clinical and Translational Research Institute Pilot Project, Medical University of South Carolina
 2009 Internal Competition, NIH Institutional Research and Academic Career Development Award (K12), USC
 2008 Arnold School of Public Health Seed Grant Program, USC
 2006 South Carolina Cancer Disparities Communities Network– Internal Funding Pilot Project Proposals, USC
 2006 South Carolina Cancer Disparities Communities Network– NCI Pilot Project Proposals

JOURNAL EDITOR/MANUSCRIPT REVIEWS

2024-present Board of Editors Member, *Journal of the Academy of Nutrition and Dietetics*
 2023-present Editorial Board Member, *JNCI Cancer Spectrum*
 2015-2020 Editor, Epidemiology Section, *European Journal of Nutrition*

2003–present Manuscript reviewer for the following journals:

Advances in Nutrition; American Journal of Clinical Nutrition; American Journal of Epidemiology; American Journal of Men's Health; American Journal of Preventive Medicine; Annals of Epidemiology; Annals of Nutrition and Metabolism; Applied Physiology, Nutrition, and Metabolism; BJOG: An International Journal of Obstetrics and Gynecology; Breast Cancer Research; Breast Cancer Research and Treatment; British Journal of Cancer; British Journal of Nutrition; Cancer Causes and Control; Cancer Communications; Cancer Epidemiology; Cancer Epidemiology, Biomarkers and Prevention; Cancer Medicine; Cancer Research; Cancers; Carcinogenesis; Clinical Nutrition; Current Cancer Drug Targets; DNA

and Cell Biology; Epidemiology; European Journal of Clinical Nutrition; European Journal of Nutrition; Genes and Nutrition; International Journal of Cancer; International Journal of Epidemiology; International Journal of Molecular and Epidemiologic Genetics; JAMA Network Open; Journal of Agricultural and Food Chemistry; Journal of Human Genetics; Journal of Nutrigenetics and Nutrigenomics; Journal of Nutrition; Journal of Nutrition and Food Sciences; Journal of Nutrition and Intermediary Metabolism; Journal of the Academy of Nutrition and Dietetics; Journal of the National Cancer Institute; JNCI Cancer Spectrum; Journal of Translational Medicine; Life Sciences; Medical Science Monitor; Medicine & Science in Sports & Exercise; Molecular Nutrition and Food Research; New England Journal of Medicine; Nutrients; Nutrition and Cancer; Nutrition Research; Nutrition Reviews; Pharmacological Research; PLoS ONE; Public Health Nutrition; Therapeutic Advances in Medical Oncology

REFEREE FOR FACULTY PROMOTIONS/TENURE

2024	Rutgers University
2023	University of Wisconsin
2023	University of Georgia
2022	Indiana University
2022	University of British Columbia
2022	University of Memphis
2022	University of Texas Southwestern
2021	George Washington University
2019	Rutgers University
2019	The Pennsylvania State University
2019	National Cancer Institute, Division of Cancer Epidemiology and Genetics
2018	Medical University of South Carolina
2017	Case Western Reserve University School of Medicine
2012	Wayne State University

ABSTRACT REVIEWS

2020	Abstract reviewer for the USC Nutrition Consortium Annual Symposium
2011-2012	Abstract reviewer for the 2012 American Society of Preventive Oncology Meeting
2009-14, '18, '21	Abstract reviewer for the South Carolina Academy of Nutrition and Dietetics Annual Meetings

EXTRAMURAL ACTIVITIES

2020-2023	IDEA (Inclusion, Diversity, Equity, and Access) Ambassador, South Carolina Academy of Nutrition and Dietetics
2020-present	Member, Colorectal Cancer Prevention Network Advisory Council
2010-2023	Chair, Abstract Review Committee, South Carolina Academy of Nutrition and Dietetics 2023, 2014, 2013, 2012, and 2011 Annual Meetings
2017-present	Member, Human Nutrition Advisory Board, Winthrop University
2016-present	Member, Management Committee of the North Carolina-Louisiana Prostate Cancer Project (PCaP)
2020-2021	Mentor, South Carolina Academy of Nutrition and Dietetics Statewide Mentorship Program

- 2019-2020 Member, American Institute for Cancer Research--Dietary Guidelines for Americans
Commentary Expert Panel
- 2017 Judge, Student oral presentations, Winthrop University Nutrition Centennial
Celebration Scientific Symposium
- 2015-2018 Past-President, President, and President-Elect, South Carolina Academy of Nutrition
and Dietetics, Elected position
- 2015 Organizer and Moderator, ASPO Career Development Committee Webinar “Using
Social Media to Enhance Research Activities,” February 25, 2015
- 2014-2016 Co-Chair (and Co-Chair-Elect), South Carolina Academy of Nutrition and Dietetics
Annual Meeting Planning Committee
- 2013-2016 President, President-Elect, Nominating Chair/Past-President, Columbia-Midlands
Dietetics Association, Elected position
- 2013-2016 Secretary/Treasurer, American Society of Preventive Oncology, Elected position
- 2011-2018 Member, Annual Meeting Planning Committee, South Carolina Academy of Nutrition
and Dietetics 2018, 2017, 2016, 2015, 2014, 2013, 2012, and 2011 Annual Meetings
- 2012 Co-Chair and Moderator of Paper Session 3: Breast Cancer: Risk Prediction, Screening,
and Behavior Modification, 2012 American Society of Preventive Oncology Annual
Meeting, Washington, D.C.
- 2011-2020 Committee Member, Prostate Cancer Workgroup, South Carolina Cancer Alliance
- 2010-2020 Member, Award Review Committee, South Carolina Academy of Nutrition and
Dietetics, 2020, 2019, 2012, 2011, 2010
- 2007-2010 Committee Member, Breast and Female Cancer Workgroup, South Carolina Cancer
Alliance
- 2007 Moderator, Concurrent Session I, Metabolomics and Nutrigenomics: From Animals to
Humans at the “Who we are and what we eat: The role of metabolomics and
nutrigenomics in creating healthier foods and healthier lives” North Carolina Research
Campus Conference in Kannapolis, NC.
- 2006-2011 Committee Member, Dannon Institute Nutrition Leadership Institute Alumni
Association Domestic Committee
- 2006-2009 Member, South Carolina Cancer Alliance Research Task Force
- 2003-2004 Chair, American Society of Preventive Oncology 2004 Junior Faculty Development
Session Planning Committee
- 2003-2006 Editor, American Society for Nutritional Sciences, Nutrition Notes Dateline Southeast

INTRAMURAL ACTIVITIES

University of South Carolina

- 2023 Member, Selection Committee, Distinguished Undergraduate Research Mentor Award
- 2023-present Member, Search Committee, FIRST FIIRRE faculty positions in ASPH
- 2021-2023 Chair, Arnold School of Public Health Tenure and Promotion Committee
- 2021-present Member, Arnold School of Public Health Academic Programs Committee
- 2021-present Member of PACWI (Provost Advisory Committee for Women’s Initiatives), Advocacy
and Policy Subcommittee
- 2019-present Member, Nutrition Consortium Steering Committee
- 2014-present Member, BBIP T32 Training Grant Executive Committee
- 2012-present Affiliate Faculty Member, BBIP T32 Training Grant
- 2006-present Examiner, Masters Comprehensive, Progression and Doctoral Qualifying Exams,
Department of Epidemiology and Biostatistics

2021-2022 Mentor, T35 Training Grant and Member, Trainee Selection Committee

2020-2021 Member, Epidemiology Handbook Revision Committee, MSPH Subcommittee

2020 Reviewer, Top Scholar applications

2019-2020 Member, Search Committee, Exercise Science faculty position

2019-2022 Chair, Curriculum Committee, Epidemiology Division

2018 Member, Fulbright Applicant Committee; Discipline Questioner

2017-2019 Member, Search Committee, Greenville Health Systems faculty positions in Department of Epidemiology and Biostatistics

2017-2019 Member, ASPH Tenure and Promotion Criteria Revision Committee

2017-2019 Member, ASPH Faculty Teaching Award Review Committee

2017 Member, Interim Director Search Committee, Center for Colon Cancer Research

2016 Member, Search Committee, Chair of Department of Epidemiology and Biostatistics

2016-2017 Member, Post-COBRE Planning Committee, Center for Colon Cancer Research

2016-2017 Member, Seminar Committee, Center for Colon Cancer Research

2012-2015 Member, Search Committee, Epigenetic Epidemiologist faculty position in Department of Epidemiology and Biostatistics

2014 Member, Search Committee, ASPH Associate Dean for Research

2013-2015 Member, Search Committee, three faculty positions in Department of Epidemiology and Biostatistics

2012-2013 Member, Search Committee, Plant Biochemist faculty position in Department of Biological Sciences

2012-2013 Member, Search Committee, Cancer Faculty Cluster Hire

2012-2017 Member, Tissue Bank Scientific Advisory Committee, Center for Colon Cancer Research

2011-2018 Member, Steering Committee, Center for Research in Nutrition and Health Disparities

2011-2012 Member, Search Committee, Chair of Department of Epidemiology and Biostatistics

2011-2014 Faculty Senator, USC Faculty Senate

2011-2012 Member, Search Committee, Nutrition Faculty Cluster Hire

2011-2012 Member, Safety Task Force, University of South Carolina

2011-2017 Faculty Sponsor, Colleges Against Cancer student organization

2010-2011 Member, Search Committee, Center of Economic Excellence in Cancer Health Disparities faculty position, Arnold School of Public Health

2010-2011 Member, Search Committee, Biostatistics faculty position in Department of Epidemiology and Biostatistics

2010-2011 Member, Search Committee, Nutrition and Health faculty position in Department of Health Promotion, Education and Behavior

2010-2011 Member, Nutrition Research Task Force, Arnold School of Public Health

2010-2011 Member, Search Committee, Cancer Genomics faculty position in Department of Biology

2008-2018 Chair, Research Committee, Department of Epidemiology and Biostatistics

2008-2020 Member, Admissions Committee, Department of Epidemiology and Biostatistics

2007 Facilitator, Academic Seminar for new graduate students, Arnold School of Public Health, August 2007

2007 Presentation to the Community Advisory Group, South Carolina Cancer Disparities Community Network, Saluda Shoals, Columbia, SC

University of North Carolina at Chapel Hill

2005 Examiner, Doctoral Qualifying Exam in Integrative Nutrition, Department of Nutrition

- 2005 Member, Cancer Control Education Program Training Advisory Committee, Lineberger Comprehensive Cancer Center
- 2004–2005 Member, Doctoral Committee, Department of Nutrition
- 2004–2005 Reviewer, Population Sciences Research Awards, Lineberger Comprehensive Cancer Center
- 2004 Examiner, Doctoral Qualifying Exam in Nutritional Epidemiology, Department of Nutrition
- 2003 Chair, Doctoral Retreat Planning Committee, Department of Nutrition
- 2002–2005 Member, Internal Advisory Board, Nutritional Biochemistry and Epidemiology of Carcinogenesis Training Grant

OTHER PROFESSIONAL ACTIVITIES

INVITED PRESENTATIONS

- 2024 **Steck, S.E.** Relationship of ultra-processed foods and their components to liver disease and cancer risk. *By invitation* at the RD Day of the Columbia VA Healthcare System, March 14, 2024.
- 2022 **Steck, S.E.** Dietary patterns and cancer risk and survivorship. *By invitation* at the University of Arizona Cancer Prevention and Control Program. Presented virtually. April 13, 2022.
- 2020 **Steck, S.E.** Dietary patterns and cancer: Defining an optimal diet for cancer prevention. *By invitation* at the University of Arkansas Medical Sciences. Presented virtually. July 7, 2020.
- 2020 **Steck, S.E.** Dietary patterns and cancer: Defining an optimal diet for cancer prevention. *By invitation* at the MD Anderson Cancer Center Cancer Prevention and Control Grand Rounds. Presented virtually. June 5, 2020.
- 2020 **Steck, S.E.** Association between post-cancer diagnosis dietary inflammatory potential and mortality among invasive breast cancer survivors in the Women’s Health Initiative. *By invitation* at the American Society of Preventive Oncology Annual Meeting, Best of CEBP Session. Presented virtually. May 14, 2020.
- 2019 **Steck, S.E.** Dietary patterns and prostate cancer: Associations in a racially diverse, population-based study. USC Nutrition Consortium Research Day: Share, Discover, Connect. Columbia, SC, March 22, 2019.
- 2018 **Steck, S.E.** Dietary patterns and cancer disparities: What is the role of inflammatory potential of diet? *By invitation* at the MUSC DREAM Seminar Series, Charleston, SC, June 2018.
- 2018 **Steck, S.E.** Anti-inflammatory diets and cancer. *By invitation* at the American Society of Preventive Oncology Annual Meeting, New York, NY, March 2018.
- 2015 **Steck, S.E.** Measuring the inflammatory potential of diet: The dietary inflammatory index and risk of cancer. *By invitation* at the American Association for Cancer Research Annual Meeting, Philadelphia, PA, April 18, 2015.
- 2014 **Steck, S.E.** The Dietary Inflammatory Index: A new tool for assessing inflammatory potential of diet and associations with cancer. *By invitation* at the American Institute for Cancer Research Annual Meeting, Washington, DC, October 31, 2014.
- 2014 **Steck, S.E.** Session title: Cancer and Inflammation: Dietary targets to reduce risk. *By invitation* at the Food and Nutrition Conference and Expo (Annual Meeting of the Academy of Nutrition and Dietetics), Atlanta, GA, October 21, 2014.
- 2013 **Steck, S.E.** Dairy and calcium intakes, vitamin D status, and racial disparities in prostate cancer. *By invitation* at the Division of Nutrition, University of Utah, Salt Lake City, Utah, December 12, 2013.

- 2013 **Steck, S.E.** Vitamin D, calcium and prostate cancer: The good, the bad and the dairy. **By invitation** at the USC Cancer Prevention and Control Program Colloquium Series, Columbia, SC, July 12, 2013.
- 2013 **Steck, S.E.** Dairy and calcium intakes, vitamin D status, and racial disparities in breast and prostate cancers. **By invitation** at the Roswell Park Cancer Institute Prevention Grand Rounds, Buffalo, NY. June 2013.
- 2012 **Steck, S.E.** Multivitamins and cancer: To supplement or not? **By invitation** at the Columbia Midlands Dietetics Association monthly educational meeting, Columbia, SC. December 2012
- 2012 **Steck, S.E.** A dietary index for assessing the inflammatory potential of the diet. **By invitation** at the Research Day of the American Institute for Cancer Research, Washington, DC. May 17, 2012.
- 2011 **Steck, S.E.** Vitamin D and breast cancer: Mechanisms and measurement in epidemiologic studies. **By invitation** at the University of South Carolina-Aiken Cancer Biology seminar series, Aiken, SC. March 25, 2011.
- 2010 **Steck, S.E.** Vitamin D research and clinical trials in personalized nutrition. **By invitation** at the Community of Scholars Research Colloquia, South Carolina College of Pharmacy, Columbia, SC. December 14, 2010.
- 2010 **Steck, S.E.** Vitamin D and cancer: Mechanisms and measurement in epidemiologic studies. **By invitation** as a job candidate to the Department of Epidemiology and Biostatistics, Columbia, SC. April 14, 2010.
- 2010 **Steck, S.E.** Vitamin D and breast cancer: A focus on racial disparities in cancer outcomes. **By invitation** at the USC Center for Research in Nutrition and Health Disparities Seminar Series, Columbia, SC. February 5, 2010.
- 2009 **Steck, S.E.**, The role of vitamin D in breast cancer: A focus on racial disparities in cancer outcomes. **By invitation** at the Medical University of South Carolina Cancer Prevention and Control Seminar Series, Charleston, SC. October 2009.
- 2009 **Steck, S.E.**, Vitamin D and breast cancer. **By invitation** at the South Carolina Dietetics Association Annual Meeting, Columbia, SC. March 6, 2009.
- 2009 **Steck, S.E.**, Vitamin D and cancer. **By invitation** at the USC Department of Exercise Science Seminar Series, Columbia, SC. January 16, 2009.
- 2008 **Steck, S.E.**, Research Training Series: **F** (Fellowship), **K** (Career Development), and **T** (Training) Grants. **By invitation** at the Arnold School of Public Health Office of Research 2007-2008 Research Training Series, Columbia, SC. April 24, 2008.
- 2008 **Steck, S.E.** Cruciferous vegetables, gene polymorphisms and breast cancer. **By invitation** at the Clemson University Department of Genetics and Biochemistry Seminar Series, Clemson, SC. March 14, 2008.
- 2007 **Steck, S.E.** Meat intake, DNA repair genes, and cancer risk. **By invitation** at the USC Center for Research in Nutrition and Health Disparities Seminar Series, Columbia, SC. September 28, 2007.
- 2007 **Steck, S.E.** Trans-disciplinary research in cancer prevention and control: Diet, genes and breast cancer. **By invitation** at the Cancer Prevention Fellowship Program Annual Symposium, National Cancer Institute, National Institutes of Health, Bethesda, MD. September 19, 2007. Oral presentation and panel discussant.
- 2003 **Steck-Scott, S.** Tissue specificity: Comparison of lycopene accumulation and DNA damage in exfoliated human lung epithelial cells and lymphocytes. **By invitation** at the Exfoliated Cells, Bioactive Food Components, and Cancer Prevention Workshop, Bethesda, MD. May 23, 2003.
- 1997 **Steck, S.**, Bors, P., Lengerich E. and Velazquez, S. An assessment of the use of multi-level strategies in community nutrition promotion projects. **By invitation** at the 1997 CDC Cancer Conference, Atlanta, GA. September 4, 1997.

OTHER ABSTRACTS/PRESENTATIONS (underlined author represents current/former student mentee; ‡denotes student for whom Steck was primary mentor; §denotes other student mentee)

2023

1. ‡Zhao, L., Glay-Gilmour, A., Zhang, J., Zhang, X., **Steck, S.E.** Higher Ultra-processed Food Intake is Associated with Adverse Liver Outcomes: A Prospective Cohort Study of UK Biobank Participants. Nutrition 2023. Boston, MA, July 2023. P29-054-23. Poster presentation.
2. ‡Sainyo, J., Su, L.J., Arab, L., Bensen, J.T., Fontham, E.T.H., Mohler, J.L., **Steck, S.E.** Associations between Meat and Fish Intake and Aggressive Prostate Cancer in the North Carolina-Louisiana Prostate Cancer Project (PCaP). USC Big Data Health Science Center Annual Meeting, February 2023, USC Nutrition Consortium Research Symposium, Columbia SC, March 2023 and Discover USC, Columbia, SC, April 2023. Poster presentation.
3. ‡Zhao, L., Glay-Gilmour, A., Zhang, J., Zhang, X., **Steck, S.E.** Ultra-processed Food Intake and Risk of Liver Cancer in the UK Biobank. USC Nutrition Consortium Research Symposium, Columbia SC, March 2023. Poster presentation.

2022

1. ‡Sainyo, J., Su, L.J., Arab, L., Bensen, J.T., Fontham, E.T.H., Mohler, J.L., **Steck, S.E.** Associations between Meat and Fish Intake and Aggressive Prostate Cancer in the North Carolina-Louisiana Prostate Cancer Project (PCaP). AACR Special Conference: Precision Prevention, Early Detection, and Interception of Cancer. November 2022. Poster presentation.
2. ‡Crawford, B., Sandler, D.P., Nichols, H.B., Milne, G., **Steck, S.E.**, Park, Y.M. Association Between Healthy Dietary Patterns and Markers of Oxidative Stress. ASN Nutrition 2022 LIVE, June 2022. Oral presentation.
3. ‡Crawford, B., Sandler, S.E., Merchant, A.T., **Steck, S.E.**, Park, Y.M. Dietary Patterns, Socioeconomic Status, and Risk of Type 2 Diabetes in the Sister Study. ASN Nutrition 2022 LIVE, June 2022. Oral presentation.
4. ‡Kase, B.E., Liese, A.D., Zhang, J., Murphy, E.A., ‡Zhao, L., **Steck, S.E.** The Development and Evaluation of a Literature-based Dietary Index for Gut Microbiota. ASN Nutrition 2022 LIVE, June 2022. Poster presentation.
5. ‡Thiria, E., Pellegrini, C., ‡Kase, B.E., DeVivo, K., **Steck, S.E.** Health Behavior and Anxiety Changes During the COVID-19 Pandemic in a University Population. Discover USC, April 2022, Poster presentation. ***First Place Student Poster Award Winner.**
6. ‡Gregory, K., ‡Zhao, L., Eberth, J., Felder, T., Murphy, E.A., **Steck, S.E.** Proportion of Cancer Survivors in the United States Who Are Meeting Healthy Lifestyle Guidelines. South Carolina Academy of Nutrition and Dietetics Annual Meeting, April 1, 2022. Poster presentation. ***Student Poster Award Winner.** Also presented at Discover USC 2022, April 2022. Poster presentation. ***2nd Place Student Poster Award Winner.**
7. ‡Kase, B.E., Liese, A.D., Zhang, J., Murphy, E.A., ‡Zhao, L., **Steck, S.E.** The Development and Evaluation of a Literature-based Dietary Index for Gut Microbiota. USC Nutrition Consortium Research Symposium, Columbia SC, March 2022. Poster presentation. ***2nd Place Student Poster Award Winner.** Also presented at Discover USC 2022, April 2022. Poster presentation.
8. ‡Zhao, L., Kase, B., Zheng, J., **Steck, S.E.** Dietary Patterns and Lung Cancer: A Systematic Review of Observational Studies. USC Nutrition Consortium Research Symposium, Columbia SC, March 2022, Poster presentation.
9. ‡Zhao, L., Jin, L., Petrick, J.L., Wang, F., Li, T., Zheng, H., Smith-Warner, S.A., Eliasseen, A.H., Zhang, F.F., Campbell, P., Giovannucci, E., Liao, L.M., **Steck, S.E.**, McGlynn, K.A., Zhang, X.

Fruit and Vegetable Consumption and Risk of Liver Cancer and Liver Disease Mortality: A Prospective Cohort Study. AACR Annual Meeting, April 2022. Poster presentation.

10. Meng, Z., Wang, Y., **Steck, S.E.** Using Machine Learning to Capture Complexities of Dietary Patterns for Prediction of Health Status. USC Big Data Health Science Conference, February 12, 2022. Poster presentation.

2021

1. Zhao, L., Tyson, N., Liu, J., Hebert, J.R., **Steck, S.E.** Trends in Dietary Supplement Use Among US Adults between 2009 and 2018. Nutrition Live Online 2021 (American Society for Nutrition annual meeting), June 2021. Poster presentation. Also presented at the USC Nutrition Consortium Symposium, Columbia, SC, 2021. Poster presentation.

2020

1. **Steck, S.E.**, Murphy, E.A. Dietary Patterns and Cancer. USC Nutrition Consortium Symposium, September 2020. Oral presentation.
2. Zhao, L., Vidanapathirana, N., Merchant, A.T., **Steck, S.E.** The Consistency between Dietary and Serum Antioxidant Nutrients on Cancer Risk: A Systematic Review. USC Nutrition Consortium Symposium, September 2020. Poster presentation.
3. Monalisa, N.N., Frongillo, E.A., Blake, C.E., **Steck, S.E.**, DiPietro, R.B. Food Choice Values of Elementary School Children and Strategies Used to Influence Mothers' Food Purchasing Decisions. Nutrition Live Online, 2020. P12-017-20.
4. Krisanits, B., Frye, C., Nogueira, L.M., Schuster, R., Ford, M.E., Omofuma, O.O., **Steck, S.E.**, Peterson, L.L., Lilly, M.B., Thomas, C., Ahmed, M., Findlay, V.J., Turner, D.P. Consumption of Dietary Advanced Glycation End Products Promotes Prostate Tumor Growth by Creating a Tumor Enhancing Stromal Microenvironment. Nutrition Live Online, 2020. P05-059-20.
5. Peterson, L.L., Omofuma, O.O., Turner, D.P., Merchant, A.T., Zhang, J., Neuhouser, M.L., Snetselaar, L.G., Caan, B., Shadyab, A.H., Saquib, N., Banach, H.R., Thomson, C.A., Urbarri, J., **Steck, S.E.** Dietary Advanced Glycation End-products and Breast Cancer Mortality in the Women's Health Initiative. American Society of Clinical Oncology, 2020. Abstract#1570.
6. Zahnd W.E., Gomez S.L., **Steck S.E.**, Brown M.J., Ganai S., Zhang J., Adams S.A., Berger F., Eberth J.M. Joint Rural-Urban and Racial/Ethnic Disparities in Early-Onset Colorectal Cancer Incidence and Trends. 44th Annual American Society of Preventive Oncology conference, March 22-24, 2020. Tucson, AZ [online only abstract].

2019

1. Omofuma, O.O., Turner, D.P., Peterson, L.L., Merchant, A.T., Zhang J., **Steck, S.E.** Dietary Advanced Glycation End Products (dAGEs) and Breast Cancer in African American and European American Women in the Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial (PLCO). 12th American Association for Cancer Research Conference on The Science of Cancer Health Disparities in Racial / Ethnic Minorities and the Medically Underserved, San Francisco, CA, September 2019. Poster Presentation.
2. Omofuma, O.O., Turner, D.P., Peterson, L.L., Merchant, A.T., Zhang J., **Steck, S.E.** Dietary Advanced Glycation End Products (dAGEs) and Breast Cancer in the Prostate, Lung, Colorectal and Ovarian Cancer Screening Trial (PLCO). American Association for Cancer Research. Special Conference on Environmental Carcinogenesis: Potential Pathway to Cancer Prevention, Charlotte, NC, June 2019. Poster presentation.
3. Omofuma, O.O., **Steck, S.E.**, Troester, M., Olshan, A. Meat and Fish Intake and the Risk of Breast Cancer in the Carolina Breast Cancer Study. 9th Annual USC Nutrition Consortium Research Symposium, Columbia, SC, March 2019. Poster presentation.

4. §Park, Y.M., §Shivappa, N., Petimar, J.S., Hodgson, E., **Steck, S.E.**, Hébert, J.R., Sandler, D.P. Dietary inflammatory potential, oxidative balance score, and risk of breast cancer. 43rd Annual American Society of Preventive Oncology. Tampa, FL USA, March 10-12, 2019 (Top Trainee Poster Award).

2018

1. ‡Omofuma, O., **Steck, S.E.**, Troester, M., Olshan. Meat and Fish Preparation Methods and Risk of Breast Cancer by Estrogen Receptor Status in the Carolina Breast Cancer Study (CBCS). 13th Breast Cancer and the Environment Research Program Annual Meeting, Washington DC, November 2018. Poster presentation.
2. ‡Omofuma, O., **Steck, S.E.**, Troester, M., Olshan, A. Meat and Fish Intake and the Risk of Breast Cancer in the Carolina Breast Cancer Study. 11th American Association for Cancer Research Conference on The Science of Cancer Health Disparities in Racial / Ethnic Minorities and the Medically Underserved, New Orleans, LA, November 2018. Poster presentation.
3. Lopez-Pentecost, M., Crane, T.E., Garcia, D.O., Wertheim, B.C., Kohler, L.N., Hebert, J.R., **Steck, S.E.**, §Shivappa, N., Santiago-Torres, M., Neuhaus, M.L., Hatsu, I.E., Snetselaar, L., Datta, M., Kroenke, C.H., Sarto, G.E., Thomson, C.A. Association between the Healthy Eating Index and overall and cancer-specific mortality in postmenopausal Hispanic women: Results from the Women's Health Initiative (WHI). The Obesity Society, 2018.
4. §Park, Y.M., §Shivappa, N., Petimar, J., Hodgson, M.E., **Steck, S.E.**, Hébert, J.R., Sandler, D.P. Association between dietary inflammatory potential and risk of hypertension: findings from the Sister Study. American Society for Nutrition Scientific Sessions: Nutrition 2018. Boston, MA USA, June 9-12, 2018 (Travel Award (first place), Emerging Leaders in Nutrition Science Poster Competition)
5. Allott, E.H., Voruganti, V.S., Farnan, L., **Steck, S.E.**, Arab, L., Su, L.J., Fontham, E.T.H., Mohler, J.L., Taylor, J.A., Bensen, J.T. Genetic Variation in Cholesterol Metabolism and Prostate Cancer Aggressiveness: Results from the North Carolina-Louisiana Prostate Cancer Project. Nutrition Research Institute Symposium, Kannapolis, NC, May 2018. Poster presentation.
6. ‡Schneider, L., Su, L.J., Arab, L., Bensen, J.T., Farnan, L., Fontham, E.T.H., Hussey, J., Merchant, A.T., Mohler, J.L., **Steck, S.E.** High Adherence to a Mediterranean-style Diet and the DASH Eating Plan is Inversely Associated with High Aggressive Prostate Cancer in PCaP. Society for Epidemiologic Research 51st Annual Meeting, June 20, 2018. Abstract#50491. Poster presentation.
7. ‡Omofuma, O., **Steck, S.E.**, Merchant, A.T. Marginal Structural Model to Determine the Causal Effect of Aspirin on Reducing the Risk of Prostate Cancer. American Society of Preventive Oncology Annual Meeting, New York, NY, March 12, 2018. Poster presentation.
8. ‡Zheng, J., Wirth, M.D., Merchant, A.T., Zhang, J., §Shivappa, N., Stolzenberg-Solomon, R.Z., Hebert, J.R., **Steck, S.E.** Inflammatory Potential of Diet, Inflammation-related Lifestyle Factors and Risk of Pancreatic Cancer: Results from the NIH-AARP Diet and Health Study. American Society of Preventive Oncology Annual Meeting, New York, NY, March 12, 2018. Poster presentation.
9. ‡Gunter, M.A., McLain, A.C., Merchant, A.T., Sandler, D.P., **Steck, S.E.** A Dietary Pattern Based on Estrogen Metabolism is Associated with Postmenopausal Breast Cancer Risk in a Prospective Cohort of Women. American Society of Preventive Oncology Annual Meeting, New York, NY. March 12, 2018. Poster presentation.

2017

1. ‡Omofuma, O., Arab, L., Su, L.J., Bensen, J., Fontham, E.T.H., Mohler, J.L., **Steck, S.E.** Calcium to Magnesium Intake Ratio and Prostate Cancer Aggressiveness: The North Carolina-Louisiana

Prostate Cancer Project (PCaP). Experimental Biology, Chicago, IL, April 2017. Poster presentation.

2. Kowalski, A.J., Carroll, K.N., §Shivappa, N., Roy, A., Kocak, M., **Steck, S.E.**, Hebert, J.R., Tylavsky, F.A., Hartman, T.J. Association between Maternal Diet Inflammatory Index During Pregnancy and Current Child Wheeze at Age Three Years among Children from Shelby Co, TN. Experimental Biology, Chicago, IL, April 2017. Poster presentation.
3. ‡Zheng, J.L., ‡Guintier, M.A., Merchant, A.T., Wirth, M.D., Zhang, J., Stolzenberg-Solomon, R.Z., **Steck, S.E.** 2017. Dietary Patterns and Risk of Pancreatic Cancer: A Systematic Review. Experimental Biology, Chicago, IL, April 2017. Oral presentation.
4. §Park, Y.M., §Shivappa, N., Petimar, J.S., Hodgson, M.E., **Steck, S.E.**, Hebert, J.R., Sandler, D.P. Association between Dietary Inflammatory Potential and Risk of Breast Cancer. Experimental Biology, Chicago, IL, April 2017. Poster presentation.
5. §Park, Y.M., **Steck, S.**, Fung, T., Merchant, A., Sandler, D. High Dietary Acid Load is Associated with Risk of Breast Cancer: Findings from the Sister Study, Experimental Biology, Chicago, IL, April 2017. Poster presentation.
6. Choi, S.K., Seel, J.S., **Steck, S.E.**, Payne, J., McCormick, D.P., Schrock, C.S., Friedman, D.B. Prostate Cancer Communication: What do Providers and Men Really Think about the Current Dialogue? CDC National Cancer Conference, Atlanta, GA, August 14-16, 2017. Poster presentation.

2016

1. Harmon, B.E., Wirth, M.D., Boushey, C.J., Wilkens, L., Draluck, E., §Shivappa, N., **Steck, S.E.**, Hofseth, L., Haiman, C., LeMarchand, L., Hebert, J.R. The Dietary Inflammatory Index and Association with Risk of Colorectal Cancer in the Multiethnic Cohort. American Institute for Cancer Research 25th Research Conference, North Bethesda, MD, November 14-16, 2016. Poster presentation.
2. §Parada, H., **Steck, S.E.**, Bradshaw, P.T., Engel, L.S., Conway, K., Eng, S.E., Teitelbaum, S. L., Neugut, A. I., Santella, R. M., Gammon, M. D. Grilled, Barbecued and Smoked Meat Intake and Survival Following Breast Cancer. American Institute for Cancer Research 25th Research Conference, North Bethesda, MD, November 14-16, 2016. Poster presentation.
3. Bittoni, M.A., §Shivappa, N., **Steck, S.E.**, Hebert, J.R. Dietary Inflammatory Index and Lung Cancer Mortality in NHANES III. American Institute for Cancer Research 25th Research Conference, North Bethesda, MD, November 14-16, 2016. Poster presentation.
4. ‡Zheng, J.L., ‡Tabung, F.K., Zhang, J.J., §Shivappa, N., Ockene, J.K., Caan, B., Kroenke, C.H., Hebert, J.R., **Steck, S.E.** Association between Post-cancer Diagnosis Dietary Inflammatory Potential and Risk of Mortality among Women Diagnosed with Invasive Breast Cancer in the Women's Health Initiative. American Institute for Cancer Research 25th Research Conference. North Bethesda, MD. November 14-16, 2016. Poster presentation.
5. §Li, N., §Petrick, J.L., **Steck, S.E.**, Bradshaw, P.T., §McClain, K.M., Niehoff, N.M., Engel, L.S., Shaheen, N.J., Risch, H., Vaughan, T.L., Wu, A.H., Gammon, M.D. Dietary Sugar/carbohydrate Intake and Esophageal and Gastric Cardia Adenocarcinoma: Incidence and Survival in a Pooled Analysis. American Institute for Cancer Research Scientific Conference, North Bethesda, MD. November 14-16, 2016. Poster presentation.
6. §Parada, H., Bradshaw, P.T., **Steck, S.E.**, Engel, L.S., Conway, K., Eng, S.E., Teitelbaum, S. L., Neugut, A. I., Santella, R. M., Gammon, M. D. Post-diagnosis Changes in Cigarette Smoking and Survival Following Breast Cancer. UNC Lineberger Comprehensive Cancer Center Annual Scientific Retreat, Chapel Hill, NC, September 9, 2016. Poster presentation.

7. Li, N., Petrick, J.L., **Steck, S.E.**, Bradshaw, P.T., McClain, K.M., Niehoff, N.M., Engel, L.S., Shaheen, N.J., Risch, H., Vaughan, T.L., Wu, A.H., Gammon, M.D. Dietary Sugar/carbohydrate Intake and Esophageal and Gastric Cardia Adenocarcinoma: Incidence and Survival in a Pooled Analysis. Comprehensive Cancer Center Annual Scientific Retreat, Chapel Hill, NC, September 9, 2016. Poster presentation.
8. Li, N., Petrick, J.L., **Steck, S.E.**, Bradshaw, P.T., McClain, K.M., Niehoff, N.M., Engel, L.S., Shaheen, N.J., Corley, D.A., Vaughan, T.L., Gammon, M.D. Dietary Sugar/carbohydrate Intake and Barrett's Esophagus: A Pooled Analysis. The UNC Lineberger Comprehensive Cancer Center Annual Scientific Retreat, Chapel Hill, NC. September 9, 2016. Poster presentation.
9. Hayden, K.M., Beavers, D., **Steck, S.E.**, Hebert, J.R., Tabung, F.K., Casanova, R., Manson, J.E., Padula, C.B., Salmoirago-Blotcher, E., Snetselaar, L.G., Zaslavsky, O., Rapp, S.R. Association of Inflammatory Diet with Incident Mild Cognitive Impairment or Dementia in Older Women. Alzheimer's Association International Conference, Toronto, Canada, July 24-28, 2016. Poster presentation.
10. Guintier, M.A., Merchant, A.T., Tabung, F.K., Wirth, M.D., Shivappa, N., Hurley, T., Hebert, J.R., Sui, X., Blair, S.N., **Steck, S.E.** Do the Dietary Inflammatory Index and BMI Interact to Increase the Risk of Type 2 Diabetes? American Diabetes Association Annual Meeting, June 2016. Poster presentation.
11. Parada, H., **Steck, S.E.**, Cleveland, R.J., Teitelbaum, S.L., Neugut, A.I., Santella, R.M., Gammon, M.D. Genetic Polymorphisms of Phase I Metabolizing Enzymes, Grilled and Smoked Meat Intake, and Breast Cancer Incidence. Society for Epidemiologic Research 49th Annual Meeting, Miami, FL, June 21-24, 2016. Poster presentation.
12. Parada, H., **Steck, S.E.**, Cleveland, R.J., Teitelbaum, S.L., Neugut, A.I., Santella, R.M., Gammon, M.D. Genetic Polymorphisms of Phase I Metabolizing Enzymes, Grilled and Smoked Meat Intake, and Breast Cancer Incidence. Spotlight on Student Research, Annual Fred T. Foard Jr. Memorial Lecture, Chapel Hill, NC, April 14, 2016. Poster presentation
13. **Steck, S.E.**, Woloszynska-Read, A., Antwi, S.O., Zhang, H., Arab, L., Fonham, E.T.H., Mohler, J.L., Su, L.J., Xiao, F., Smith, G.J., Trump, D., Johnson, C., Bensen, J.T. SNPs in Vitamin D-related Genes Are Associated with Prostate Cancer Aggressiveness in the North Carolina-Louisiana Prostate Cancer Project (PCaP). American Association for Cancer Research Annual Meeting, New Orleans, LA, April 2016. Poster presentation.
14. Allott, E.H., Arab, L., Su, L.J., Farnan, L., Fonham, E.T.H., Mohler, J.L., Bensen, J.T., **Steck, S.E.** Saturated Fat Intake and Prostate Cancer Aggressiveness: Results from the Population-based North Carolina-Louisiana Prostate Cancer Project. American Association for Cancer Research Annual Meeting, New Orleans, LA, April 2016. Poster presentation.
15. Antwi, S.O., Oberg, A.L., Shivappa, N., Bamlet, W.R., Chaffee, K.G., **Steck, S.E.**, Hebert, J.R., Petersen, G.M. Pancreatic cancer: Associations of Inflammatory Potential of Diet, Cigarette Smoking, and Long-standing Diabetes. American Society of Preventive Oncology Annual Meeting, Columbus, OH, March 2016. Abstract#1444. Oral presentation.
16. Zheng, J.L., Tabung, F.K., Zhang, J.J., Shivappa, N., Ockene, J.K., Caan, B., Kroenke, C., Hebert, J.R., **Steck, S.E.** Association between Post-cancer Diagnosis Dietary Inflammatory Potential and Survival in WHI Observational Study and Dietary Modification Trial. American Society of Preventive Oncology Annual Meeting, Columbus, OH, March 2016. Abstract #1471. Oral presentation.
17. Sardo-Molmenti, C.L., **Steck, S.E.**, Hibler, E.A., Shivappa, N., Yang, J., Greenlee, H., Wirth, M., Neugut, A.I., Jacobs, E.T., Hebert, J.R. Dietary Inflammatory Index and Risk of Colorectal Adenoma Recurrence: A Pooled Analysis. American Society of Preventive Oncology Annual Meeting, Columbus, OH, March 2016. Poster presentation.

2015

1. White, A.J., Bradshaw, P.T., Herring, A.H., Teitelbaum, S.L., Beyea, J., Stellman, S.D., **Steck, S.E.**, Mordukhovich, I., Eng, S.M., Engel, L.S., Conway, K., Hatch, M., Neugut, A.I., Santella, R.M., Gammon, M.D. Exposure to Multiple Sources of Polycyclic Aromatic Hydrocarbons and Breast Cancer Incidence. San Antonio Breast Cancer Symposium, San Antonio, TX, December 8-12, 2015. P6-09-08. Poster presentation.
2. White, A.J., Chen, J., Teitelbaum, S.L., McCullough, L.E., Xu, X., Cho, Y.H., Conway, K., Beyea, J., Stellman, S.D., **Steck, S.E.**, Mordukhovich, I., Eng, S.M., Terry, M.B., Engel, L.S., Hatch, M., Neugut, A.I., Hibshoosh, H., Santella, R.M., Gammon, M.D. Sources of Polycyclic Aromatic Hydrocarbons are Associated with Gene-specific Promoter Methylation in Women with Breast Cancer. San Antonio Breast Cancer Symposium, San Antonio, TX, December 8-12, 2015. P1-08-04. Poster presentation.
3. [§]Park, Y.M., Han, K., Fung, T.T., **Steck, S.E.**, Zhang, J., Hazlett, L.J., Merchant, A.T. Association between Mediterranean Diet, Metabolic Health, and Obesity among U.S. Adults. 75th Scientific Sessions, American Diabetes Association (ADA). Boston, MA, USA, June 5-9, 2015.
4. [‡]Antwi, S., **Steck, S.E.**, Su, L.J., Hebert, J.R., Zhang, H., Fontham, E.T.H., Bensen, J.T., Mohler, J.L., Arab, L. Dietary, Supplement, and Adipose Tissue Tocopherol Levels in Relation to Prostate Cancer Aggressiveness among African- and European-Americans. American Association for Cancer Research Annual Meeting, Philadelphia, PA, April 2015. Poster presentation.
5. [‡]Tabung, F., **Steck, S.E.**, Liese, A.D., Zhang, J., Ma, Y., Caan, B., Chelbowski, R.T., Freudenheim, J.L., Hou, L., Mossavar-Rahmani, Y., [§]Shivappa, N., Vitolins, M.Z., Wactawski-Wende, J., Ockene, J.K., Hebert, J.R. Association between Dietary Inflammatory Potential and Breast Cancer Incidence and Mortality: Results from the Women's Health Initiative. Experimental Biology. Boston, MA, March 28-30, 2015. Poster and oral presentations.
6. [‡]Antwi, S., **Steck, S.E.**, Su, L.J., Taylor, J.A., Hebert, J.R., Zhang, H., Fontham, E.T.H., Bensen, J.T., Smith, G.J., Mohler, J.L., Arab, L. Single Nucleotide Polymorphisms in DNA Repair and Oxidative Stress-related Genes, Dietary Alpha- and Gamma-tocopherol Intake, and Prostate Cancer Aggressiveness. American Society of Preventive Oncology Annual Meeting, Birmingham, AL, March 15-17, 2015. Poster presentation.
7. Vyas, S., Khan, S., [§]Shoaibi, A., Hurley, T.G., **Steck, S.E.**, Hargreaves, M., Hebert, J.R. Measuring the Effects of Group Based Cognitive and Behavioral Intervention among African Americans in Faith Based Setting. American Public Health Association Annual Meeting. 2015. Also presented at the USC Center for Research in Nutrition and Health Disparities Symposium, March 2015. Poster presentation.

2014

1. Freedman, D., Mattison-Faye, A., Alia, K., [§]Shoaibi, A., **Steck, S.**, Friedman, D.B. Food Purchasing and Preparation Patterns among Customers Shopping at a Health Center-based Farmers' Market in a Rural Community. American Public Health Association Annual Meeting, New Orleans, LA, November 15-19, 2014.
2. White, A.J., Teitelbaum, S.L., Stellman, S.D., Beyea, J., **Steck, S.E.**, Mordukhovich, I., McCarty, K.M., Ahn, J., Neugut, A.I., Rossner Jr., P., Santella, R.M., Gammon M.D. Indoor Air Pollution Exposure from Use of Indoor Stoves and Fireplaces in Association with Breast Cancer. Society for Epidemiologic Research Annual Meeting, Seattle, WA, June 24-27, 2014. 252-S. Poster presentation.
3. [§]Khankari, N., Bradshaw, P., **Steck, S.E.**, Olshan, A., He, K., Teitelbaum, S., Neugut, A., Santella, R., Gammon, M. Polyunsaturated Fatty Acids, Genetic Susceptibility, and Breast Cancer

- Incidence. Society for Epidemiologic Research Annual Meeting, Seattle, WA, June 24-27, 2014. 307-S. Poster presentation.
4. †Tabung, F.K., **Steck, S.E.**, Ma, Y., Liese, A.D., Zhang, J., Ho, G., Hou, L., Lane, D.S., Snetselaar, L., Ockene, J.K., Hebert, J.R. Changes in the Inflammatory Potential of Diet over Time and Risk of Colorectal Cancer in Postmenopausal Women. 8th International Conference on Clinical Cancer Prevention with a Consensus Conference on Chemoprevention of Colorectal Cancer, Barcelona, Spain, June 24-25, 2014. Poster presentation.
 5. †Tabung, F.K., **Steck, S.E.**, Burch, J.B., Chen, C., Zhang, H., Hurley, T.G., §Cavicchia, P., §Alexander, M., §Shivappa, N., Creek, K.E., Lloyd, S.C., Hebert, J.R. A Healthy Lifestyle Index is Associated with Reduced Risk of Colorectal Adenomatous Polyps among Non-Users of NSAIDs. South Carolina Public Health Association Annual Conference, Columbia, SC, May 21-22, 2014. Oral presentation.
 6. †Tabung, F.K., **Steck, S.E.**, Zhang, J., Liese, A.D., Ma, Y., Ockene, J.K., Tylavsky, F.A., Vitolins, M.Z., Hebert, J.R. Longitudinal Changes in the Dietary Inflammatory Index: An Assessment of the Inflammatory Potential of Diet Over Time in the Women's Health Initiative. Experimental Biology (American Society for Nutrition) Annual Meeting, San Diego, CA, April 25-30, 2014. Poster presentation.
 7. †Tabung, F.K., **Steck, S. E.**, Burch, J.B., Chen, C., Zhang, H., Hurley, T.G., §Cavicchia, P., §Alexander, M., §Shivappa, N., Creek, K.E., Lloyd, S.C., Hebert, J.R. A Healthy Lifestyle Index is Associated with Reduced Risk of Colorectal Adenomatous Polyps among Non-Users of NSAIDs. Colloquium organized by the USC Cancer Prevention and Control Program, Columbia, SC, April 18, 2014. Oral presentation.
 8. †Tabung, F.K., **Steck, S.E.**, Caan, B., Chlebowski, R.T., Freudenheim, J.L., Hou, L., Liese, A.D., Ma, Y., Vitolins, M.Z., Mossavar-Rahmani, Y., Ockene, J.K., §Shivappa, N., Wactawski-Wende, J., Zhang, J., Hebert, J.R. The Dietary Inflammatory Index and Risk of Breast Cancer in Postmenopausal Women. University of South Carolina Graduate Students' Day research presentations, April 11, 2014. Poster presentation.
 9. †Tabung, F.K., **Steck, S.E.**, Caan, B., Hou, L., Johnson, K.C., Liese, A.D., Ma, Y., Mossavar-Rahmani, Y., Ockene, J.K., §Shivappa, N., Wactawski-Wende, J., Zhang, J., Hebert, J.R. The Dietary Inflammatory Index and Risk of Colorectal Cancer in Women. American Society of Preventive Oncology Annual Meeting, Arlington, VA, March 8-11, 2014. Poster presentation.
 10. McCullough, L.E., Eng, S.M., Bradshaw, P.T., Cleveland, R.J., **Steck, S.E.**, Terry, M.B., Shen, J., Crew, K.D., Rossner, P., Ahn, J., Ambrosone, C.B., Teitelbaum, S.L., Neugut, A.I., Santella, R.M., Gammon, M.D. Polymorphisms in DNA Repair and Oxidative Stress May Modify the Body Size-Breast Cancer Association. American Society of Preventive Oncology Annual Meeting, Arlington, VA, March 8-11, 2014. Poster presentation.
 11. †Antwi, S., **Steck, S.E.**, Su, L.J., Hebert, J.R., Zhang, H., Fonham, E.T.H., Bensen, J.T., Mohler, J.L., Arab, L. Associations of Dietary Antioxidant Intake and Prostate Cancer Aggressiveness among African and European American Men in the North Carolina-Louisiana Prostate Cancer Project (PCaP). American Society of Preventive Oncology Annual Meeting, Arlington, VA, March 8-11, 2014. Poster presentation
 12. †Tabung, F.K., **Steck, S.E.**, Caan, B., Hou, L., Johnson, K.C., Liese, A.D., Ma, Y., Mossavar-Rahmani, Y., Ockene, J.K., §Shivappa, N., Wactawski-Wende, J., Zhang, J., Hebert, J.R. The Dietary Inflammatory Index and Risk of Colorectal Cancer in Women. Symposium organized by the University of South Carolina Center for Research in Nutrition and Health Disparities, Columbia SC, March 21, 2014.

13. ‡Tabung, F.K., **Steck, S.E.**, Caan, B., Hou, L., Johnson, K.C., Liese, A.D., Ma, Y., Mossavar-Rahmani, Y., Ockene, J.K., §Shivappa, N., Wactawski-Wende, J., Zhang, J., Hebert, J.R.
The Dietary Inflammatory Index and Risk of Colorectal Cancer in Women. Annual retreat of the University of South Carolina Center for Colon Cancer Research, January 9, 2014. Poster presentation.

2013

1. **Steck, S.E.**, Woloszynska-Read, A., Arab, L., ‡McMahon, D.M., Bensen, J.T., Adams, J.S., Fontham, E. T. H., Mohler, J. L., Su, L. J., Zhang, H., Trump, D., Johnson, C. Ratio of Plasma 1,25(OH)₂D to 25(OH)D is Inversely Associated with Aggressive Prostate Cancer in African Americans in the North Carolina-Louisiana Prostate Cancer Project (PCaP). American Association for Cancer Research The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Atlanta, GA. December 2013. Poster presentation.
2. ‡Antwi, S., **Steck, S.E.**, Su, L.J., Blackard, B., Adams, S.A., Hebert, J.R., Fontham, E.T.H., Bensen, J., Mohler, J.L., Arab, L. Occupational and Recreational Physical Activity in Relation to Prostate Cancer Aggressiveness: The North Carolina-Louisiana Prostate Cancer Project (PCaP). American Association for Cancer Research The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Atlanta, GA. December 2013. Poster presentation.
3. ‡McMahon, D.M., **Steck, S.E.**, Su, L.J., Zhang, H., Hebert, J.R., Bensen, J., Fontham, E.T.H., Mohler, J.L., Arab, L. Multivitamin Supplement Use and Prostate Cancer Aggressiveness by Race in the North Carolina-Louisiana Prostate Cancer Project (PCaP). American Association for Cancer Research The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. Atlanta, GA. December 2013. Poster presentation.
4. §Petrick, J.L., **Steck, S.E.**, Bradshaw, P.T., Chow, W.H., Engel, L.S., Risch, H.A., Vaughan, T.L., Gammon, M.D. Dietary Flavonoid Intake and Risk of Esophageal and Gastric Cancers. American Institute for Cancer Research Annual Meeting, Bethesda, MD. November 2013. Poster presentation.
5. ‡Tabung, F., **Steck, S.E.**, Zhang, J., Wirth, M., §Shivappa, N., Hurley, T., Sui, X., Lee, D., Blair, S.N., Hebert, J.R. Dietary Inflammatory Index and Risk of Mortality : Findings from the Aerobics Center Longitudinal Study. American Institute for Cancer Research Annual Meeting, Bethesda, MD. November 2013. Poster presentation.
6. Heidari, K., ‡Antwi, S., **Steck, S.E.** Chronic Obstructive Pulmonary Disease Prevalence and Health-related Quality of Life in Carolinas. American Public Health Association Annual Meeting, November 2013. Oral presentation.
7. Burch, J.B., §Alexander, M., **Steck, S.E.**, Chen, C., Hurley, T.G., §Cavicchia, P., Ray, M., §Shivappa, N., Guess, J., Zhang, H., Youngstedt, S.D., Creek, K.E., Lloyd, S., Hebert, J.R. Case-control Study of the PERIOD3 Clock Gene Length Polymorphism and Colorectal Adenoma Formation. 21st International Symposium on Shiftwork and Working Time, Costado Sauipe, Brazil. November 4-8, 2013.
8. ‡Tabung, F.K., Daguise, V., Lydiard, D., Boateng, Y., **Steck, S.E.** Participation in Lifestyle Intervention through the WISEWOMAN Program among the National Breast and Cervical Cancer Early Detection Program Participants in South Carolina. Carolina Women's Health Research Forum, Columbia, SC, October 2013. Poster presentation
9. ‡Antwi, S., Heidari, K., **Steck, S.E.** Chronic Obstructive Pulmonary Disease Prevalence and Health-related Quality of Life in South Carolina. Council of State and Territorial Epidemiologists, Pasadena, CA. June 2013. Poster presentation.

10. [§]Petrick, J.L., **Steck, S.E.**, Bradshaw, P.T., Engel, L.S., He, K., Vaughan, T.L., Gammon, M.D. Dietary Flavonoid Intake and Risk of Barrett's Esophagus. Society for Epidemiologic Research Annual Meeting, Boston, MA. June 2013. Poster presentation.
11. [‡]Antwi, S., Heidari, K., **Steck, S.E.** Chronic Obstructive Pulmonary Disease Prevalence and Health-related Quality of Life in South Carolina. South Carolina Public Health Association Annual Conference, Myrtle Beach, SC. May 2013. Poster presentation.
12. [‡]Tabung, F., Daguise, V., Lydiard, D., Boateng, Y., **Steck, S.E.** Lifestyle Intervention Use among Participants in the South Carolina WISEWOMAN Program and Best Chance Network. South Carolina Public Health Association Annual Conference, Myrtle Beach, SC. May 2013. Oral presentation.
13. Woloszynska-Read, A., Arab, L., Adams, J., Bensen, J., Fontham, E. T. H., Mohler, J. L., Su, L. J., [‡]Tabung, F., Zhang, H., Trump, D., Johnson, C., **Steck, S.E.** Plasma 25-hydroxyvitamin D levels are Associated with Aggressive Prostate Cancer among African Americans in the North Carolina-Louisiana Prostate Cancer Project (PCaP). American Association for Cancer Research (AACR) Annual Meeting, Washington, DC. April 2013. Poster presentation.
14. [‡]Tabung F., **Steck S.E.**, Ma Y., Ockene J.K., [§]Shivappa N., Hurley T.G., Liese A.D., Zhang J., Shikany J.M., Park H.L., Millen E.A., Martin L.W., Jiao L., Hou L., Agalliu I., Hingle M., Liu S., Rosal M., Hebert J.R., Validation of the Dietary Inflammatory Index in the Women's Health Initiative Study. Experimental Biology Meeting, Boston, MA. April, 2013. Poster and oral presentations.
15. Reimers, L., Crew, K.D., Santella, R.M., **Steck, S.E.**, Terry, M.B., Hershman, D.L., Shane, E., Cremers, S., Dworakowski, E., Teitelbaum, S.L., Neugut, A.I., Gammon, M.D. Association between Polymorphisms in the Vitamin D Receptor Pathway, Plasma 25-hydroxyvitamin D Levels, and Breast Cancer Risk. American Society of Preventive Oncology Annual Meeting, Memphis, TN. March 2013. Poster presentation.
16. [§]Khankari, N., Bradshaw, P., McCullough, L., Teitelbaum, S., **Steck, S.**, [§]Fink, B., Xu, X., Ahn, J., Ambrosone, C., Cre, D., Terry, M., Neugut, A., Chen, J., Santella, R., Gammon, M. Flavonoid-gene Interactions and Breast Cancer. American Society of Preventive Oncology Annual Meeting, Memphis, TN. March 2013. Poster presentation.
17. [‡]Tabung, F., **Steck, S.E.**, Burch, J.B., Hurley, T.G., [§]Cavicchia, P., [§]Alexander, M., [§]Shivappa, N., Hebert, J.R. Associations between a Healthy Lifestyle Score and Risk of Adenomatous Polyps in a Pilot Study in South Carolina. University of South Carolina Center for Research in Nutrition and Health Disparities Symposium, Columbia, SC. March 2013. Poster presentation.

2012

1. McCullough, L., Gammon, M., Cleveland, R., Bradshaw, P.T., Millikan, R., North, K., Olshan, A., Eng, S., Ambrosone, C., Ahn, J., **Steck, S.**, Gaudet, M., Teitelbaum, S., Neugut, A., Santella, R. Polymorphisms in Oxidative Stress Genes, Physical Activity and Breast Cancer Risk. American Association for Cancer Research. 2012. Poster presentation.
2. [‡]George, R., ***Steck, S.E.**, Su, L.J., Mohler, J.L., Fontham, E.T.H., Bensen, J.T., Hebert, J.R., Zhang, H., Arab, L. Flavonoid intake and prostate cancer aggressiveness among African Americans and European Americans in PCaP. American Association of Cancer Research Frontiers in Cancer Prevention Annual Meeting, Anaheim, CA. October 2012. Poster presentation. *presenter
3. Wirth, M., Burch, J., **Steck, S.**, Hurley, T., Sarin, R., Gupta, P., Pednekar, M., Kapoor, A., Hebert, J. Circadian Disruption Indicators and Breast Cancer Risk among Women in India. International Society of Environmental Epidemiology Annual Meeting. Columbia, SC. August 2012.
4. [‡]George, R., **Steck, S.E.**, Hebert, J.R., Lee, D.C., Sui, X., Zhang, J., Merchant, A.T., Blair, S.N. Low-carbohydrate Diets and Sources of Protein and Fat in Relation to All-cause Mortality and

Cause-specific Mortality. Healthy Eating in Context, Center for Research in Nutrition and Health Disparities, Columbia, SC. March 2012. Poster presentation.

2011

1. Arab, L., Su, L.J., **Steck, S.E.**, Ang, A., Fontham, E.T., Bensen, J.T., Mohler, J.L. Coffee Consumption and Prostate Cancer Aggressiveness among African and Caucasian Americans in a Population-based Study. 5th International Conference on Polyphenols and Health. Barcelona, Spain. October 2011.
2. [§]Ritchey, J., Karmaus, W., **Steck, S.E.**, Zhang, H., Sabo-Attwood, T. Association of Age, Race, and Body Mass Index with Sex Steroid Hormone Marker Profile among Men, National Health and Nutrition Examination Survey (NHANES III). American Public Health Association Annual Meeting. Abstract #236723. Washington, DC. November 2011. Poster presentation.
3. [§]Ritchey, J., Zhang, H., Karmaus, W., **Steck, S.E.**, Sabo-Attwood, T. A Comparison of Methods for Sex Steroid Hormone Adjustment, National Health and Nutrition Examination Survey (NHANES III). American Public Health Association Annual Meeting. Abstract #236723. Washington, DC. November 2011. Poster presentation.
4. [§]Gallagher, A., Liu, J., Tobias, J., Hussey, J., Atkinson, C., **Steck, S.E.**, Breastfeeding in Infancy and Bone Mass in British Children at 10 and 16 Years of Age. American Society for Bone and Mineral Research Annual Meeting. Abstract #1139. San Diego, CA. September 2011. Podium presentation.
5. Tong, H., Rappold, A.G., Diaz-Sanchez, D., Hinderliter, A., **Steck, S.E.**, Cascio, W.E., Devlin, R.B., Samet, J.M. Fish Oil and Olive Oil Supplements Attenuate the Adverse Cardiovascular Effects of Concentrated Ambient Air Pollution Particles in Healthy Middle-Aged Adult Human Volunteers. American Heart Association, Orlando, Florida. November, 2011. Poster presentation.
6. Tong, H., Rappold, A., Hinderliter, A., **Steck, S.E.**, Berntsen, J., Diaz-Sanchez, D., Devlin, R., Samet, J.M. Omega-3 Fatty Acid Attenuates Cardiovascular Effects in Healthy Older Volunteers Exposed to Concentrated Ambient Fine And Ultrafine Particulate Matter. American Thoracic Society Meeting, May 2011. Poster presentation.
7. Samet, J.M., Rappold, A., Diaz-Sanchez, D., Hinderliter, A., Devlin, R., **Steck, S.E.**, Berntsen, J., Tong, H. Vascular Effects of Exposure to Concentrated Ambient PM in Healthy Older Individuals. American Thoracic Society Meeting, May 2011. Poster presentation.
8. [‡]Rosling, R., **Steck, S.E.**, Hebert, J.R., Lee, D.C., Sui, X., Zhang, J., Merchant, A.T., Blair, S.N. Low-carbohydrate Diets and Sources of Protein and Fat in Relation to All-cause Mortality and Cause-specific Mortality. South Carolina Dietetics Association Meeting, Greenville, SC. April 2011. Poster presentation.
9. **Steck, S.E.**, Burch, J.B., Hurley, T., [§]Cavicchia, P., [§]Alexander, M., [§]Shivappa, N., Hebert, J.R. A Pilot Study of Diet and Colorectal Polyps by Race. Experimental Biology Meeting, Washington, DC. April 2011. Poster presentation.
10. **Steck, S.E.**, Su, L.J., Arab, L., Fontham, E.T.H., Bensen, J., Hebert, J.R., Zhang, H., Mohler, J.L. Intake of Dairy and Calcium, NSAIDS, and Prostate Cancer Aggressiveness. Experimental Biology Meeting, Washington, DC. April 2011. Podium presentation.
11. Payne, M., **Steck, S.E.**, Steffens, D.C. Antioxidant Intakes are Lower in Older Adults with Depression. Experimental Biology Meeting, Washington, DC. April 2011. Poster presentation.
12. **Steck, S.E.**, Su, L.J., Arab, L., Fontham, E.T.H., Bensen, J., Blackard, B., Mohler, J.L. Physical Activity and Prostate Cancer Aggressiveness by Race. American Society for Preventive Oncology Annual Meeting. Las Vegas, NV. March 2011. Poster presentation.
13. [§]Ritchey, J., Karmaus, W., Sabo-Attwood, T., **Steck, S.E.**, Zhang, H. A Review of the Expression of Genes Involved in Sex Steroid Hormone Metabolism and Activity in Prostate Tissue: A Need

for Epigenetic Information. Epigenetics in Development and Disease, Miami 2011 Winter Symposium. February 2011. Poster presentation.

2010

1. **Steck, S.E.**, [‡]Rosling, R., Murphy, E.A, Davis, J.M., Hebert, J.R. Vitamin D Status and Breast Cancer Aggressiveness among African-American and European-American Women in South Carolina. AACR Conference on the Science of Cancer Health Disparities, Miami, FL. November 2010. Poster presentation.
2. [‡]Tabung, F. ***Steck, S.E.**, Su, L.J., Arab, L., Fontham, E.T.H., Bensen, J., Hebert, J.R., Zhang, H., Mohler, J.L. Wholegrain and Dietary Fiber Intake and Prostate Cancer Aggressiveness by Race. Experimental Biology Annual Meeting, Anaheim, CA. April 2010. Poster presentation.*presenter
3. Su, L.J., Arab, L., **Steck, S.E.**, Schroeder, J.C., Fontham, E.T.H., Bensen, J.T., Mohler, J.L. Obesity and Prostate Cancer Aggressiveness among African and Caucasian Americans. Experimental Biology Annual Meeting, Anaheim, CA. April 2010. Poster presentation.
4. [‡]Rosling, R., Hebert, J.R., Murphy, E.A., Davis, J.M., **Steck, S.E.** Vitamin D Status among African-American and European-American Women Diagnosed with Breast Cancer in South Carolina. USC Discovery Day, on April 23, 2010 and the James E. Clyburn Health Disparities Lecture Series "Building a Healthy, Equitable Future for Communities through Research and Practice" Poster Session on April 9, 2010. Poster presentation.

2009

1. [‡]Rosling, R., Hebert, J.R., Murphy, E.A., Davis, J.M., **Steck, S.E.** Vitamin D Status among African-American and European-American Women Diagnosed with Breast Cancer in South Carolina. USC Women's Health Research Forum Annual Meeting, Columbia, SC, October 2009. Poster presentation.
2. [§]Cavicchia, P., **Steck, S.E.**, Hurley, R.G., Hussey, J.R., Hofseth, L.J., Hebert, J.R. Development and Evaluation of an Inflammatory Index. American Public Health Association 137th Annual Meeting, November, 2009. Oral presentation.
3. [§]Ragin, M.Y., Saunders-Mack, M., **Steck, S.**, Ely, B. Polymorphisms in the *VDR* and *CYP24A1* Genes in Relation to Racial Disparities amongst Breast Cancer Patients. South East Alliance for Graduate Education and the Professoriate Meeting, May, 2009. Poster presentation.

2007

1. **Steck, S.E.**, Santella, R.M., Terry, M.B., Crew K., Shen, J., Gaudet M.M., Eng, S.M., Britton, J.A., Teitelbaum, S.L., Neugut, A.I., and Gammon, M.D. Joint Effects of Cooked Meat Intake and DNA Repair Gene Polymorphisms and Breast Cancer Risk. American Association of Cancer Research Approaches to Complex Pathways in Molecular Epidemiology, Santa Ana Pueblo, NM. May 31, 2007. Poster presentation.

2006

1. [§]Fink B.N., **Steck S.E.**, Wolff M.S., Britton J.A., Teitelbaum S.L., Millikan R.C., Schroeder J.C., Neugut A.I., Gammon M.D. Dietary Flavonoid Intake and Breast Cancer Risk among Women in the Long Island Breast Cancer Study Project. American Association of Cancer Research, Annual Meeting, Washington, DC. April 2006. Poster presentation.
2. [‡]Paxton, A., **Steck, S.**, Kupper, L., Arab, L., Satia, J. Lifestyle Changes in African Americans and Whites Following a Diagnosis of Prostate Cancer: Rationale, Objectives and Study Design. Federation of American Societies for Experimental Biology, San Francisco, CA. April, 2006. Poster presentation.

3. **Steck, S.E.,** †**Wall, D.E.** *GST* Polymorphisms and Urinary Isothiocyanate Following a Broccoli Meal in Humans. Federation of American Societies for Experimental Biology, San Francisco, CA. April, 2006. Oral presentation.
4. **Steck, S.E.,** Butler, L.M., Galanko, J., Keku, T.O., Sandler, R.S., Hu, J.J. Nucleotide Excision Repair Genetic Polymorphisms, Meat Intake and Colon Cancer Risk. American Society of Preventive Oncology, Bethesda, MD. February 26, 2006. Poster presentation.

2005

1. **Steck, S.E.,** Gaudet, M.M., Eng, S.M., Britton, J.A., Teitelbaum, S.L., Neugut, A.I., Santella, R.M., and Gammon, M.D. Lifetime versus Recent Dietary Intake of Polycyclic Aromatic Hydrocarbon and Heterocyclic Amine Sources and Breast Cancer Risk. American Institute for Cancer Research, Washington, DC. July 2005. Poster presentation.

2004

1. **Steck-Scott, S.,** Arab, L., Tseng, M., Tse, C.K., and Millikan, R. Cooked Meat and Breast Cancer in the Carolina Breast Cancer Study. American Society of Preventive Oncology, Bethesda, MD. March 16, 2004. Oral presentation.
2. **Steck-Scott, S.,** Arab, L., Tseng, M., Tse, C.K., and Millikan, R. Cooked Meat Intake and Breast Cancer in the Carolina Breast Cancer Study. Women's Health Research Day, Chapel Hill, NC. March 17, 2004. Poster presentation.

2001

1. **Steck-Scott, S.,** Lanza, E., Forman, M., Sowell, A., Borkowf, C., Albert, P., Schatzkin, A., and The PPT Study Group. Relationship between Serum Carotenoids and Polyp Recurrence: Results from the Polyp Prevention Trial. Federation of American Societies for Experimental Biology, Orlando, FL, March 31, 2001. Oral presentation.

2000

1. **Steck-Scott, S.,** Madden, M.C., Samet, J.M., Dailey, and L.A., Arab, L. Dietary Antioxidants Attenuate Ozone-induced DNA Damage in Human Lung Epithelial Cells. NHEERL Symposium, Raleigh, NC, June 6, 2000. Poster presentation.
2. **Steck, S.E.,** Madden, M., Samet, J., Dailey, L., and Arab, L. The Prevention of Ozone-induced DNA Damage in Human Lung Epithelial Cells by Dietary Antioxidants. Federation of American Societies for Experimental Biology, San Diego, CA. April 17, 2000. Oral presentation.

1999

1. **Steck, S.E.,** Madden, M., Samet, J., and Kohlmeier, L. Effect of Ozone Exposure and Antioxidant Supplementation on DNA Damage in Human Blood Leukocytes. Federation of American Societies for Experimental Biology, Washington, DC. April 1999. Poster presentation.
2. **Steck, S.E.,** Samet, J., Craft, N., and Kohlmeier, L. Correlation between Lung Macrophage and Plasma Carotenoid Levels in Humans. Federation of American Societies for Experimental Biology, Washington, DC. April 1999. Poster presentation.
3. **Steck, S.E.,** Madden, M.C., Samet, J.M., and Kohlmeier, L. Effects of Ozone Exposure on DNA Single Strand Breaks in Peripheral Blood Leukocytes. American Lung Association/American Thoracic Society International Conference, San Diego, CA. April 1999. Poster presentation.

1998

1. **Steck, S.,** Simonsen, N., Thamm, M. and Kohlmeier, L. Relationship between Diet, Serum and Adipose Antioxidants after Measurement Error Adjustment. Federation of American Societies for Experimental Biology, San Francisco, CA. April 19, 1998. Oral presentation.

1997

1. **Steck, S.**, Samet, J., Devlin, R. and Kohlmeier, L. Plasma Carotenoid Responsiveness to Ozone Exposure in Humans. Federation of American Societies for Experimental Biology, New Orleans, LA. April 9, 1997. Poster presentation.

1995

1. Kohlmeier, L.K., Mendez, M. and **Steck, S.** Adipose Tissue Carotenoids and Risk of Myocardial Infarction. Sixth Annual Institute of Nutrition Research Symposium, Chapel Hill, NC. October 1995. Oral presentation.

VOLUNTEER/COMMUNITY ACTIVITIES

- 2020 Presentation to the American Cancer Society Campus Student Organization, USC, "Diet and Cancer," February 4, 2020.
- 2016,'18, '19 Panelist, Prostate Health Community Forum, Prostate Cancer Workgroup, South Carolina Cancer Alliance
- 2013-2015 Grocery Store Tour leader as part of SCAND initiatives for National Food Day and National Nutrition Month, Food Lion and Bi-Lo grocery stores, Columbia, SC, June 2013, March 2014, October 24, 2014, March 2015
- 2014-2017 Member, Palmetto Health Foundation Cancer Center Board
- 2014 Invited presentation to the Palmetto Health Foundation Atrium Society, Columbia, SC, "Cancer and Your Diet," May 14, 2014
- 2014-2015 Booth Volunteer, Junior League Healthy Kids Fun Fair, AC Flora High School, Columbia, SC, February 22, 2014; February 21, 2015
- 2012 Invited presentation to the Lexington Medical Center community forum, Lexington, SC. "Making dietary changes to fight cancer," August 2, 2012
- 2012 Invited presentation to the US Too Prostate Cancer Support Group at Lexington Medical Center, Lexington, SC, "Making dietary changes to fight cancer," August 1, 2012
- 2011 Invited presentation to the South Carolina Central Cancer Registrars Annual Meeting, Florence, SC, "Adopting a chemopreventive diet." August 25, 2011.
- 2011 Invited presentation to the South Carolina Cancer Alliance Meeting: Taking Action for Cancer Prevention: Healthy Eating and Active Living, Columbia, SC, "Adopting a chemopreventive diet." February 10, 2011.
- 2010 Department Representative, United Way Campaign, USC
- 2010-2012 Member, Community Engaged Scholars Program Advisory Board, Eau Claire Cooperative Health Centers, Inc., Medical University of South Carolina, and Select Health of South Carolina, through The Center for Community Health Partnerships, Medical University of South Carolina College of Nursing
- 2007-08, 2016 Team Captain, First Ladies' Walk for Life to support breast cancer research and education
- 2007 Invited presentation to the faculty at St. John Neumann Elementary School, Columbia, SC, "Nutrition and Stress: Restoring balance," October 26, 2007.