

Listed below are selected publications either authored or co-authored by TREC Fellows, to date*. All publications listed were reported by the Fellows to have been inspired by lessons learned and/or new collaborations formed because of the TREC Training Workshop. This list is updated annually.

Algotar A, Hsu CH, Sherry Chow H, Dougherty S, Babiker H, Marrero D, Abraham I, Kumar R, **Ligibel J**, **Courneya K**, **Thomson**. [Comprehensive lifestyle improvement program for prostate cancer \(CLIPP\): Protocol for a feasibility and exploratory efficacy study in men on androgen deprivation therapy](#). *JMIR Res Protoc* 2019; 8(20): e12579. PMID: 30720441 PMCID: PMC6379812

Sitlinger A, Brander D, **Bartlett DB**. [Impact of exercise on the immune system and outcomes in hematologic malignancies](#). *Blood Adv* 2020; 4(8): 1801-11. PMID: 32343800 PMCID: PMC7189285

Bowers LW, Lineberger CL, Ford NA, Rossi EL, Punjala A, Camp KK, Kimler BK, Fabian CJ, **Hursting SD**. [The flaxseed lignan secoisolariciresinol diglycoside decreases local inflammation, suppresses NFkB signaling, and inhibits mammary tumor growth](#). *Breast Cancer Res Treat*, 2019. PMID: 30367332 PMCID: PMC6394576

Bowers LW, Rossi EL, McDonnell SB, Doerstling SS, Khatib SA, Doerstling SS, Lineberger CG, Albright JE, Tang X, deGraffenried LA, **Hursting SD**. [Leptin signaling mediates obesity-associated CSC enrichment and EMT in preclinical TNBC models](#). *Mol Cancer Res*, 2018; 16:869-79. PMID: 29453319 PMCID: PMC5967653

Dieli-Conwright CM, **Courneya K**, **Demark-Wahnefried W** et al. [Effects of Aerobic and Resistance Exercise on Metabolic Syndrome, Sarcopenic Obesity, and Circulating Biomarkers in Overweight or Obese Survivors of Breast Cancer: A Randomized Controlled Trial](#). *Journal of Clinical Oncology* 2018; 36 (9); PMID 29356607.

Dieli-Conwright CM, **Courneya K**, **Demark-Wahnefried W** et al. [Aerobic and Resistance Exercise Improves Physical Fitness, Bone Health, and Quality of Life in Overweight and Obese Breast Cancer Survivors](#). *Breast Cancer Res*. 2018 Oct 19;20(1):124. PMID: 30340503 PMCID: PMC6194749

Dieli-Conwright CM, Sweeney F, **Courneya K**, **Demark-Wahnefried W** et al. [Hispanic ethnicity as a moderator of the effects of aerobic and resistance exercise in breast cancer survivors](#). *Cancer*, 2018, Nov 30. PMID: 30500981 PMCID: PMC7164690

Sweeney F, **Demark-Wahnefried W**, **Courneya K**, Sami N, Lee K, Tripathy D, Yamada K, Buchanan T, Spicer D, Bernstein L, Mortimer J, **Dieli-Conwright CM**. [Aerobic and resistance exercise improves shoulder function in women who are overweight or obese and have breast cancer: a randomized trial](#). *Phys Ther* 2019; 99(10): 1334-45. PMID: 31309977 PMCID: PMC6821226

Dieli-Conwright CM, Fox F, Tripathy D, Samin N, Van Fleet J, Buchanan T, Spicer D, Lee K, Mortimer J, Bernstein L, **Demark-Wahnefried W**, **Courneya K**. [Hispanic ethnicity as a moderator of the effects of aerobic and resistance exercise on physical fitness and quality of life in breast cancer survivors](#). *J Cancer Surv* 2020 July 17. PMID: 32681303

Cartmel B, Anderson C, **Irwin ML**, Harrigan M, **Sanft T**, Li F, Gellermann W, Ermakov IV, **Ferrucci LM**. [Skin carotenoids are inversely associated with adiposity in breast cancer survivors](#). *Nutr Res*. 2020 Jul;79:77-86. PMID: 32650223

Iyengar N, Arthur R, Manson JE, **Chlebowski RT**, Kroenke C, **Peterson L**, **Cheng TD**, **Cespedes-Feliciano E**, Lane D, Luo J, Nassir R, **Pan K**, Wassertheil-Smoller S, Rohan TE, **Dannenberg AJ**. [Association of body fat and risk of breast cancer in postmenopausal women with normal body mass Index: A secondary analysis of a randomized clinical trial and observational study](#). *JAMA Oncol*. 2019; 5(2): 155-163. PMID: 30520976 PMCID: PMC6439554

Greenlee H, Shi Z, Hibshoosh H, Giri DD, Ahmed A, Williams S, Falcone DJ, Winston LA, Zhou XK, Hudis CA, Hershman DL, Dannenberg AJ, Iyengar NM. [Obesity-associated Breast Inflammation among Hispanic/Latina Breast Cancer Patients.](#) *Cancer Prev Res (Phila).* 2019 Jan;12(1):21-30. PMID: 30404870 PMCID: PMC6663483

Marinac CR, Birmann BM, Lee IM, Rosner B, Townsend M, Giovannucci E, Rebbeck TR, Buring JE, Colditz GA. [Body mass index throughout adulthood, physical activity, and risk of multiple myeloma: a prospective analysis in three large cohorts.](#) *British Journal of Cancer.* 2018 Mar 12. doi: 10.1038/s41416-018-0010-4. PMID: 29527008 PMCID: PMC5931105

Peterson LL, Ligibel JA. [Physical Activity and Breast Cancer: an Opportunity to Improve Outcomes.](#) *Curr Oncol Rep.* 2018 April 30; 20(7):50. PMID: 29713835

Peterson LL, Park S, Park Y, Colditz GA, Anbardar N, Turner DP. [Dietary advanced glycation end products and the risk of postmenopausal breast cancer in the National Institutes of Health-AARP Diet and Health Study.](#) *Cancer.* 2020 Jun 1;126(11):2648-2657. PMID: 32097496

Colditz GA, Peterson LL. [Obesity and Cancer: Evidence, Impact, and Future Directions.](#) *Clin Chem.* 2018 Jan;64(1):154-162. PMID: 29038151

Phillips, S.M., Collins, L.C., Penedo, F.J., Courneya, K.S., Welch, W. Cottrell, A., Lloyd, G.R., Gavin, K.L., Cella, D., Ackermann, R.T., Siddique, J. & Spring B. (2018). [Optimization of a technology-supported physical activity promotion intervention for breast cancer survivors: Fit2Thrive study protocol.](#) *Contemporary Clinical Trials.* 66:9-19. PMID: 29330081 PMCID: PMC5828903

Lloyd, G.R., Hoffman, S.A., Welch, W.A., Blanch-Hartigan, D., Gavin, K.L., Cottrell, A., Cadmus-Bertram, L., Bonnie Spring, B., Penedo, F., **Courneya, K.S., Phillips, S.M.** [Breast cancer survivors' preferences for social support features in technology-supported physical activity interventions: Findings from a mixed methods evaluation.](#) *Translational Behavioral Medicine,* 2020 May 20;10(2):423-34. PMID: 30445595 PMCID: PMC7237539

Heredia NI, Wilkinson AV, Forman MR, Christie IC, Wang J, Daniel CR, Zhao H, Bondy ML, Strong LL. [Longitudinal associations of family functioning with body mass index in Mexican-origin adolescents living in the U.S.](#) *Prev Med.* 2019 Jan;118:309-316. PMID: 30419254 PMCID: PMC6467205

Sturgeon KM, Mathis KM, Rogers CJ, Schmitz KH, Waning DL. [Cancer- and Chemotherapy-Induced Musculoskeletal Degradation.](#) *JBMR Plus.* 2019 Feb 25;3(3):e10187 PMID: 30918923 PMCID: PMC6419610

Sturgeon KM, Foo W, Heroux M, Schmitz K. [Change in Inflammatory Biomarkers and Adipose Tissue in BRCA1/2+ Breast Cancer Survivors Following a Yearlong Lifestyle Modification Program.](#) *Cancer Prev Res (Phila).* 2018 Sep;11(9):545-550. PMID: 29925515

Sturgeon KM, Fisher C, McShea G, Sullivan SK, Sataloff D, Schmitz KH. [Patient preference and timing for exercise in breast cancer care.](#) *Support Care Cancer.* 2018 Feb;26(2):507-514. PMID: 28840334

Sturgeon KM, Hackley R, Fornash A, Dean LT, Laudermilk M, Brown JC, Sarwer DB, DeMichele AM, Troxel AB, Schmitz KH. [Strategic recruitment of an ethnically diverse cohort of overweight survivors of breast cancer with lymphedema.](#) *Cancer.* 2018 Jan 1;124(1):95-104. PMID: 28881471 PMCID: PMC5743016

Haley JS, **Hibler EA, Zhou S, Schmitz KH, Sturgeon KM.** [Dose-dependent effect of aerobic exercise on inflammatory biomarkers in a randomized controlled trial of women at high risk of breast cancer.](#) *Cancer.* 2020 Jan 15;126(2):329-336. PMID: 31568587

Xiao C, Beitler JJ, Higgins KA, Chico CE, **Withycombe JS**, Zhu Y, Zhao H, Lin IH, Li F, Jeon S, **Irwin M**, Bruner DW, Miller AH, Gary R. [Pilot study of combined aerobic and resistance exercise on fatigue for patients with head and neck cancer: Inflammatory and epigenetic changes](#). *Brain Behav Immun*. 2020 Aug;88:184-192. PMID: 32330594

Phillips SM, **Courneya KS**, Welch WA, Gavin KL, Cottrell A, Nielsen A, Solk P, Blanch-Hartigan D, Cella D, Ackermann RT, Spring B, Penedo F. [Breast cancer survivors' preferences for mHealth physical activity interventions: findings from a mixed methods study](#). *J Cancer Surviv*. 2019 Apr;13(2):292-305. PMID: 30912011 PMCID: PMC6499383

Arem H, **Mama SK**, Duan X, Rowland JH, Bellizzi KM, **Ehlers DK**. [Prevalence of Healthy Behaviors among Cancer Survivors in the United States: How Far Have We Come?](#) *Cancer Epidemiol Biomarkers Prev*. 2020 Jun;29(6):1179-1187. doi: 10.1158/1055-9965.EPI-19-1318. Epub 2020 May 14. PMID: 32409489.

Coletta AM, Peterson SK, Gatus LA, Krause KJ, **Schembre SM**, Gilchrist SC, Arun B, You YN, Rodriguez-Bigas MA, **Strong LL**, Lu KH, **Basen-Engquist K**. [Diet, weight management, physical activity and Ovarian & Breast Cancer Risk in women with BRCA1/2 pathogenic Germline gene variants: systematic review](#). *Cancer Clin Pract*. 2020 Mar 7;18:5. doi: 10.1186/s13053-020-0137-1. eCollection 2020. PMID: 32165993.

Coletta AM, Campbell A, Morris GS, **Schmitz KH**. [Synergy Between Licensed Rehabilitation Professionals and Clinical Exercise Physiologists: Optimizing Patient Care for Cancer Rehabilitation](#). *Semin Oncol Nurs*. 2020 Feb;36(1):150975. doi: 10.1016/j.soncn.2019.150975. Epub 2020 Jan 30. PMID: 32007288

Coletta AM, Klopp AH, Fogelman D, Parikh AM, Li Y, Garg N, **Basen-Engquist K**. [Dual-Energy X-Ray Absorptiometry Compared to Computed Tomography for Visceral Adiposity Assessment Among Gastrointestinal and Pancreatic Cancer Survivors](#). *Sci Rep*. 2019 Aug 8;9(1):11500. doi: 10.1038/s41598-019-48027-1. PMID: 31395928

Coletta AM, Marquez G, Thomas P, Thoman W, Bevers T, Brewster AM, Hawk E, **Basen-Engquist K**, Gilchrist SC. [Clinical factors associated with adherence to aerobic and resistance physical activity guidelines among cancer prevention patients and survivors](#). *PLoS One*. 2019 Aug 1;14(8):e0220814. doi: 10.1371/journal.pone.0220814. eCollection 2019. PMID: 31369653

Coletta AM, Brewster AM, Chen M, Li Y, Bevers TB, **Basen-Engquist K**, Gilchrist SC. [High-Intensity Interval Training Is Feasible in Women at High Risk for Breast Cancer](#). *Med Sci Sports Exerc*. 2019 Nov;51(11):2193-2200. PMID: 31269007

Coletta AM, Peterson SK, Gatus LA, Krause KJ, **Schembre SM**, Gilchrist SC, Pande M, Vilar E, You YN, Rodriguez-Bigas MA, **Strong LL**, Lynch PM, Lu KH, **Basen-Engquist K**. [Energy balance related lifestyle factors and risk of endometrial and colorectal cancer among individuals with lynch syndrome: a systematic review](#). *Fam Cancer*. 2019 Oct;18(4):399-420. doi: 10.1007/s10689-019-00135-7. Epub 2019 Jun 24. PMID: 31236808

Hussan H, Patel A, Le Roux M, Cruz-Monserrate Z, Porter K, Clinton SK, Carethers JM, **Courneya KS**. [Rising Incidence of Colorectal Cancer in Young Adults Corresponds With Increasing Surgical Resections in Obese Patients](#). *Clin Transl Gastroenterol*. 2020 Apr;11(4):e00160. PMID: 32352680

Hussan H, Drosdak A, Le Roux M, Patel K, **Porter K**, Clinton SK, Focht B, Noria S. [The Long-term Impact of Roux-en-Y Gastric Bypass on Colorectal Polyp Formation and Relation to Weight Loss Outcomes](#). *Obes Surg*. 2019 Oct 23. doi:10.1007/s11695-019-04176-w. [Epub ahead of print] PubMed PMID: 31646474

Kwarteng JL, Beyer KMM, Banerjee A, **Stolley MR**. [Facilitators of behavior change and weight loss in an intervention for African American Breast Cancer Survivors](#). *Cancer Causes Control*. 2020 Aug;31(8):737-747. doi: 10.1007/s10552-020-01315-y. Epub 2020 May 15. PMID: 32415529

Dugan KF, Hidde MC, Chard CA, Graham DJ, **Withycombe JS**, **Leach HJ**. [Exploring Social Ecological Determinants of Physical Activity Among Adult Survivors of Childhood Cancer](#). *J Adolesc Young Adult Oncol*. 2020 Jun 25. doi: 10.1089/jayao.2019.0169. Online ahead of print. PMID: 32598196

Leach HJ, **Mama SK**, Harden SM. [Group-based exercise interventions for increasing physical activity in cancer survivors: a systematic review of face-to-face randomized and non-randomized trials](#). *Support Care Cancer*. 2019 May;27(5):1601-1612. doi: 10.1007/s00520-019-04670-y. Epub 2019 Feb 9. PMID: 30739169

Oostra DL, Burse NR, Wolf LJ, Schleicher E, **Mama SK**, Bluethmann S, **Schmitz K**, **Winkels RM**. [Understanding Nutritional Problems of Metastatic Breast Cancer Patients: Opportunities for Supportive Care Through eHealth](#). *Cancer Nurs*. 2020 Jan 30. Online ahead of print. PMID: 32022781

Liao Y, **Basen-Engquist KM**, Urbauer DL, Bevers TB, Hawk E, **Schembre SM**. [Using Continuous Glucose Monitoring to Motivate Physical Activity in Overweight and Obese Adults: A Pilot Study](#). *Cancer Epidemiol Biomarkers Prev*. 2020 Apr;29(4):761-768. doi: 10.1158/1055-9965.EPI-19-0906. Epub 2020 Feb 17. PMID: 32066620

Pan K, **Chlebowski RT**, Mortimer JE, Gunther MJ, Rohan T, Vitolins MZ, Adams-Campbell LL, Ho GYF, Cheng TD, Nelson RA. [Insulin resistance and breast cancer incidence and mortality in postmenopausal women in the Women's Health Initiative](#). *Cancer*. 2020 Aug 15;126(16):3638-3647. doi: 10.1002/cncr.33002. Epub 2020 Jun 12. PMID: 32530506

Pan K, Nelson RA, Wactawski-Wende J, Lee DJ, Manson JE, Aragaki AK, Mortimer JE, Phillips LS, Rohan T, Ho GYF, Saquib N, Shadyab AH, Nassir R, Rhee JJ, Hurria A, **Chlebowski RT**. [Insulin Resistance and Cancer-Specific and All-Cause Mortality in Postmenopausal Women: The Women's Health Initiative](#). *J Natl Cancer Inst*. 2020 Feb 1;112(2):170-178. doi: 10.1093/jnci/djz069. PMID: 31184362

Pan K, Luo J, Aragaki AK, **Chlebowski RT**. [Weight loss, diet composition and breast cancer incidence and outcome in postmenopausal women](#). *Oncotarget*. 2019 May 3;10(33):3088-3092. doi: 10.18632/oncotarget.26864. eCollection 2019 May 3. PMID: 31139321

Pan K, Bosserman LD, **Chlebowski RT**. [Ovarian Suppression in Adjuvant Endocrine Therapy for Premenopausal Breast Cancer](#). *J Clin Oncol*. 2019 Apr 10;37(11):858-861. doi: 10.1200/JCO.18.01360. Epub 2019 Feb 11. PMID: 30742565

Mama SK, Bhuiyan N, Smyth JM, **Schmitz KH**. [Stress and Physical Activity in Rural Cancer Survivors: The Moderating Role of Social Support](#). *J Rural Health*. 2020 May 30. doi: 10.1111/jrh.12455. Online ahead of print. PMID: 32472721

Mama SK, Bhuiyan N, Foo W, Segel JE, Bluethmann SM, Winkels RM, Wiskemann J, Calo WA, Lengerich EJ, **Schmitz KH**. [Rural-urban differences in meeting physical activity recommendations and health status in cancer survivors in central Pennsylvania](#). *Support Care Cancer*. 2020 Feb 8;10.1007/s00520-020-05342-y. doi: 10.1007/s00520-020-05342-y. Online ahead of print. PMID: 32036469

Mama SK, Bhuiyan N, Chaoul A, Cohen L, Fagundes CP, Hoover DS, **Strong LL**, Li Y, Nguyen NT, **McNeill LH**. [Feasibility and acceptability of a faith-based mind-body intervention among African American adults](#). *Transl Behav Med*. 2018 Nov 25. doi: 10.1093/tbm/iby114. Online ahead of print. PMID: 30476343

Brown JC, **Ligibel JA**. [Putting Exercise Into Oncology Practice: State-of-the-Science, Innovation, and Future Directions](#). *Cancer J*. 2019 Sep/Oct;25(5):316-319. PMID: 31567458

Brown JC, **Caan BJ**, Prado CM, **Cespedes Feliciano EM**, Xiao J, Kroenke CH, Meyerhardt JA. [The Association of Abdominal Adiposity With Mortality in Patients With Stage I-III Colorectal Cancer](#). *J Natl Cancer Inst*. 2020 Apr 1;112(4):377-383. doi: 10.1093/jnci/djz150. PMID: 31355882

Brown JC, Caan BJ, Prado CM, Weltzien E, Xiao J, Cespedes Feliciano EM, Kroenke CH, Meyerhardt JA. [Body Composition and Cardiovascular Events in Patients With Colorectal Cancer: A Population-Based Retrospective Cohort Study.](#) *JAMA Oncol.* 2019 Jul 1;5(7):967-972. PMID: 31095251

Brown JC, Cespedes Feliciano EM, Caan BJ. [The evolution of body composition in oncology-epidemiology, clinical trials, and the future of patient care: facts and numbers.](#) *J Cachexia Sarcopenia Muscle.* 2018 Dec;9(7):1200-1208. Epub 2019 Jan 13. PMID: 30637983

Cespedes EM, Hu FB, Tinker L, Rosner B, Redline S, Garcia L, Hingle M, Van Horn L, Howard BV, Levitan EB, Li W, Manson JE, Phillips LS, Rhee JJ, Waring ME, Neuhaus ML. [Multiple Healthful Dietary Patterns and Type 2 Diabetes in the Women's Health Initiative.](#) *Am J Epidemiol.* 2016 Apr 1;183(7):622-33. PMID: 26940115

Cespedes Feliciano EM, Popuri K, Cobzas D, Baracos VE, Beg MF, Khan AD, Ma C, Chow V, Prado CM, Xiao J, Liu V, Chen WY, Meyerhardt J, Albers KB, Caan BJ. [Evaluation of automated computed tomography segmentation to assess body composition and mortality associations in cancer patients.](#) *J Cachexia Sarcopenia Muscle.* 2020 Apr 20. Online ahead of print. PMID: 32314543

Cespedes Feliciano EM, Chen WY, Lee V, Albers KB, Prado CM, Alexeeff S, Xiao J, Shachar SS, Caan BJ. [Body Composition, Adherence to Anthracycline and Taxane-Based Chemotherapy, and Survival After Nonmetastatic Breast Cancer.](#) *JAMA Oncol.* 2019 Dec 5;6(2):264-70. PMID: 31804676

Cespedes Feliciano EM, Chen WY, Bradshaw PT, Prado CM, Alexeeff S, Albers KB, Castillo AL, Caan BJ. [Adipose Tissue Distribution and Cardiovascular Disease Risk Among Breast Cancer Survivors.](#) *J Clin Oncol.* 2019 Oct 1;37(28):2528-2536. doi: 10.1200/JCO.19.00286. Epub 2019 Aug 1. PMID: 31369302

Joffe L, Schadler KL, Shen W, Ladas EJ. [Body Composition in Pediatric Solid Tumors: State of the Science and Future Directions.](#) *J Natl Cancer Inst Monogr.* 2019 Sep 1;2019(54):144-148. doi: 10.1093/jncimonographs/igz018. PMID: 31532526

Kok DE, O'Flanagan CH, Coleman MF, Ashkavand Z, Hursting SD, Krupenko SA. [Effects of folic acid withdrawal on transcriptomic profiles in murine triple-negative breast cancer cell lines.](#) *Biochimie.* 2020 Jun;173:114-122. doi: 10.1016/j.biochi.2020.04.005. Epub 2020 Apr 15. PMID: 32304770

Winkels RM, van Brakel L, van Baar H, Beelman RB, van Duijnhoven FJB, Geijssen A, van Halteren HK, Hansson BME, Richie JP, Sun D, Wesselink E, van Zutphen M, Kampman E, Kok DE. [Are Ergothioneine Levels in Blood Associated with Chronic Peripheral Neuropathy in Colorectal Cancer Patients Who Underwent Chemotherapy?](#) *Nutr Cancer.* 2020;72(3):451-459. doi: 10.1080/01635581.2019.1637005. Epub 2019 Jul 12. PMID: 31298929

Liao Y, Song J, Robertson MC, Cox-Martin E, Basen-Engquist K. [An Ecological Momentary Assessment Study Investigating Self-efficacy and Outcome Expectancy as Mediators of Affective and Physiological Responses and Exercise Among Endometrial Cancer Survivors.](#) *Ann Behav Med.* 2020 Apr 20;54(5):320-334. doi: 10.1093/abm/kaz050. PMID: 31722394

Parker NH, Lee RE, O'Connor DP, Ngo-Huang A, Petzel MQB, Schadler K, Wang X, Xiao L, Fogelman D, Simpson R, Fleming JB, Lee JE, Tzeng CD, Sahai SK, Basen-Engquist K, Katz MHG. [Supports and Barriers to Home-Based Physical Activity During Preoperative Treatment of Pancreatic Cancer: A Mixed-Methods Study.](#) *J Phys Act Health.* 2019 Dec 1;16(12):1113-1122. doi: 10.1123/jpah.2019-0027. Epub 2019 Oct 7. PMID: 31592772

Crane TE, Miller A, Skiba MB, Garcia DO, Thomson CA. [Implementation of an Accelerometer-based Protocol for Measurement of Physical Activity Levels in Cancer Survivors.](#) *Journal of Medical Internet Health mHealth and uHealth.* 2020 Sep 24;8(9):e18491. PMID: 32969828 PMCID: PMC7545325