

CARMEN L. WILSON, PhD
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St. Jude Children's Research Hospital
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1. Current Position at St. Jude

Assistant Member 07/2017 – Present
Department of Epidemiology and Cancer Control
St. Jude Children's Research Hospital
Memphis, TN

2. Education and Training

BSc (hons.) in Biochemistry and Molecular Genetics, University of New South Wales 12/2000
Thesis: Disease gene mapping- Ceroid lipofuscinosis in Border Collie dogs

PhD in Epidemiology, University of New South Wales 08/2008
Thesis: The late effects of therapy in an Australian cohort of childhood cancer survivors

3. Professional Career

Research Assistant 2001 – 2002
Ramaciotti Centre and Automated DNA Sequencing Facility
University of New South Wales
Sydney, Commonwealth of Australia

Research Officer 2009 – 2010
Children's Cancer Institute of Australia
Sydney, Commonwealth of Australia

Postdoctoral Fellow 2010 – 2014
Department of Epidemiology and Cancer Control
St. Jude Children's Research Hospital
Memphis, TN

Research Associate 2014 – 2017
Department of Epidemiology and Cancer Control
St. Jude Children's Research Hospital
Memphis, TN

4. Professional Memberships

American Association for Cancer Research (AACR) 2012 – Present

American Society for Clinical Oncology (ASCO) 2014 – Present

American College of Epidemiology (ACE)	2014 – Present
International Society of Paediatric Oncology (SIOP)	2015 – Present
Children’s Oncology Group (COG)	2016 – Present

5. Honors and Awards

Postgraduate Scholarship University of New South Wales New South Wales, Commonwealth of Australia	2003 – 2007
Student Travel Bursary Australasian Epidemiological Association Conference Melbourne, Commonwealth of Australia	2006
Team Science Award American Association for Cancer Research	2019

6. Institutional and Committee Assignments

Biospecimen Repository Oversight Committee St. Jude Children’s Research Hospital	2017 – Present
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7. Professional Administrative Services

Ad hoc reviewer BMC Cancer	2012 – Present
Ad hoc reviewer Pediatric Blood & Cancer	2012 – Present
Ad hoc reviewer Bone	2012 – Present
Ad hoc reviewer Journal of Clinical Oncology: Official journal of the American Society of Clinical Oncology (ASCO)	2014 – Present
Co-Chair, Musculoskeletal Late Effects Working Group Children’s Oncology Group (COG)	2016 – 2019

8. Formal Education/Teaching Activities

Introduction to Epidemiology Role: Adjunct Faculty St. Jude Graduate School of Biomedical Sciences Memphis, Tennessee	2019 – Present
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9. Grant Awards

A. Active Grants

U01CA195547, NCI HUDSON 07/09/2015 – 06/30/2025
St. Jude Lifetime Cohort (competitive renewal)
Expand eligibility to make the SJLIFE cohort a medically assessed cohort of 5-year survivors, undertake uniform medical assessments in all cohort participants, develop innovative methodologies to maintain the SJLIFE cohort, establish a resource for future innovative intervention-based research.
Role: Co-Investigator
Award Amount: \$12,831,970.00
Percentage of effort: 1.20 calendar year

B. Pending Grants

NIH R01 WILSON/NESS (PI) 09/01/2022 – 8/31/2027
Determinants of frailty status by race/ethnicity in childhood cancer survivors
To determine the prevalence of frailty in a racially/ethnically and geographically diverse population of 3,000 adult five-year survivors of childhood cancer using direct in-home, mHealth-based assessment. To examine the impact of SDOH, health behaviors, emotional health and treatment exposures on frailty status by race/ethnicity.
Role: Co-PI
Award amount: \$4,106,610.00
Percentage of effort: 1.8 calendar months

C. Completed Grants

Rally Foundation for Childhood Cancer Research WILSON 05/01/2011 – 04/30/2012
Genome-wide investigations of the late effects of therapy among survivors of childhood cancer - The aim of this research is to identify single nucleotide polymorphism associated with the incidence of cardiomyopathy and bone mineral deficits among survivors of childhood cancer using genome-wide association study approach.
Role: PI

Rally Foundation for Childhood Cancer Research WILSON 05/01/2012 – 05/01/2013
Genome-wide study of the late effects of platinum-based chemotherapy in survivors of childhood cancer - The aim of this research is to conduct a genome-wide association study to identify genetic variation associated with the development of motor and sensory impairments among childhood cancer survivors.
Role: PI

R01CA174851, NCI NESS 05/07/2014 – 04/30/2019
A longitudinal assessment of frailty in young adult survivors of childhood cancer
To enumerate the prevalence of physiologic frailty over time in a group of young adult survivors of childhood cancer, to describe the association between frailty and five year incidence of new chronic conditions, and to describe the associations between personal factors, cancer-related treatment modalities, health behaviors, and frailty in this population.
Role: Co-Investigator
Award Amount: \$3,543,332.00
Percentage of effort: .60 calendar year

10. Publication Record

A. Peer Reviewed Publications

i. Original Research Articles

1. Melville SA, **Wilson CL**, Chiang CS, Studdert VP, Lingaas F, Wilton AN. A mutation in canine CLN5 causes neuronal ceroid lipofuscinosis in Border collie dogs. *Genomics*. 2005 Sep;86(3):287-294. PubMed PMID: 16033706
2. **Wilson CL**, Cohn RJ, Johnson K, Ashton LJ. Tracing survivors of childhood cancer in Australia. *Pediatr Blood Cancer*. 2009 Apr;52(4):510-515. PubMed PMID: 19090548. Role: First author, corresponding author
3. **Wilson CL**, Cohn RJ, Johnston KJ, Ashton LJ. Late mortality and second cancers in an Australian cohort of childhood cancer survivors. *Med J Aust*. 2010 Sep 6;193(5):258-261. PubMed PMID: 20819041. Role: First author, corresponding author
4. **Wilson CL**, Dilley K, Ness KK, Leisenring WL, Sklar CA, Kaste SC, Stovall M, Green DM, Armstrong GT, Robison LL, Kadan-Lottick NS. Fractures among long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Cancer*. 2012 Dec 1;118(23):5920-5928. PubMed PMID: 22605509. Role: First author, corresponding author
5. Sansom-Daly UM, **Wilson CL**, Ashton LJ, Wakefield CE, Johnston K, Cohn RJ. Parental smoking may confer negligible environmental, but significant lifestyle costs to childhood cancer survivors. *Pediatr Blood Cancer*. 2013 Jan;60(1):161-162. PubMed PMID: 22623104
6. Sansom-Daly UM, **Wilson CL**, Ashton LJ, Wakefield CE, Johnston K, Cohn RJ. Further evidence for the co-occurrence of adverse health behaviors among childhood cancer survivors. *Pediatr Blood Cancer*. 2013 Jan;60(1):167-168. PubMed PMID: 22997180
7. **Wilson CL**, Ness KK, Neglia JP, Hammond S, Shnorhavorian M, Leisenring WL, Stovall M, Robison LL, Armstrong GT. Renal carcinoma after childhood cancer: A report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst*. 2013 Apr 3;105(7):504-508. PubMed PMID: 23515901. Role: First author, corresponding author
8. Ness KK, Jones KE, Smith WA, Spunt SL, **Wilson CL**, Armstrong GA, Srivastava DK, Robison LL, Hudson MM, Gurney JG. Chemotherapy-related neuropathic symptoms and functional impairment in adult survivors of extracranial tumors of childhood: Results from the St. Jude Lifetime Cohort Study. *Arch Phys Med Rehabil*. 2013 Aug;94(8):1451-1457. PubMed PMID: 23537607.
9. **Wilson CL**, Ness KK. Bone mineral density deficits and fractures in survivors of childhood cancer. *Current Osteoporosis Reports*. 2013 Dec;11(4):329-337. PubMed PMID: 24043370. Role: First author, corresponding author
10. Ness KK, Krull KR, Jones KE, Mulrooney DA, Armstrong GT, Green DM, Chemaitilly W, Smith WA, **Wilson CL**, Sklar CA, Shelton K, Srivastava DK, Ali S, Robison LL, Hudson MM. Physiologic frailty as a sign of accelerated aging among adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort study. *J Clin Oncol*. 2013 Dec 20;31(36):4496-4503. PubMed PMID: 24248696.
11. Gurney JG, Kaste SC, Liu W, Srivastava DK, Chemaitilly W, Ness KK, Lanctot JQ, Ojha RP, Nottage KA, **Wilson CL**, Li Z, Robison LL, Hudson MM. Bone mineral density among long-term survivors of childhood acute lymphoblastic leukemia: Results from the St. Jude Lifetime Cohort Study. *Pediatr Blood Cancer*. 2014 Jul;61(7):1270-1276. PubMed PMID: 24585546.
12. **Wilson CL**, Stratton K, Leisenring WL, Oeffinger KC, Nathan PC, Wasilewski-Masker K, Hudson MM, Castellino SM, Stovall M, Armstrong GT, Brinkman TM, Krull KR, Robison LL, Ness KK. Decline in physical activity level in the Childhood Cancer Survivor Study cohort. *Cancer Epidemiol Biomarkers Prev*. 2014 Aug;23(8):1619-1627. PubMed PMID: 24842624. Role: First author, corresponding author

13. **Wilson CL**, Gawade PL, Ness KK. Impairments that influence physical function among survivors of childhood cancer. *Children (Basel)*. 2015;2:1-36. PubMed PMID: 25692094. Role: First author, corresponding author
14. Ness KK, Armstrong GT, Kundu M, **Wilson CL**, Tchkonina T, Kirkland JL. Frailty in childhood cancer survivors. *Cancer*. 2015 May 15;121(10):1540-1547. PubMed PMID: 25529481
15. **Wilson CL**, Liu W, Yang JJ, Kang G, Ojha RP, Neale GA, Srivastava DK, Gurney JG, Hudson MM, Robison LL, Ness KK. Genetic and clinical factors associated with obesity among adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. *Cancer*. 2015 Jul 1;121(13):2262-2270. PubMed PMID: 25963547. Role: First author, corresponding author
16. Karlage RE, **Wilson CL**, Zhang N, Kaste S, Green DM, Armstrong GT, Robison LL, Chemaitilly W, Srivastava DK, Hudson MM, Ness KK. Validity of anthropometric measurements for characterizing obesity among adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study. *Cancer*. 2015 Jun 15;121(12):2036-2043. PubMed PMID: 25728221
17. Kang G, Liu W, Cheng C, **Wilson CL**, Neale G, Yang JJ, Ness KK, Robison LL, Hudson MM, Srivastava DK. Evaluation of a two-step iterative resampling procedure for internal validation of genome-wide association studies. *J Hum Genet*. 2015 Dec;60(12):729-738. PubMed PMID: 26377241
18. **Wilson CL**, Chemaitilly W, Jones KE, Kaste SC, Srivastava DK, Ojha RP, Yasui Y, Pui CH, Robison LL, Hudson MM, Ness KK. Modifiable factors associated with aging phenotypes among adult survivors of childhood acute lymphoblastic leukemia. *J Clin Oncol*. 2016 Jul 20;34(21):2509-2515. PubMed PMID: 27001572. Role: First author, corresponding author
19. Hudson MM, Ehrhardt MJ, Bhakta N, Baassiri M, Eissa H, Chemaitilly W, Green DM, Mulrooney DA, Armstrong GT, Brinkman TM, Klosky JL, Krull KR, Sabin ND, **Wilson CL**, Huang IC, Bass JK, Hale K, Kaste S, Khan RB, Srivastava DK, Yasui Y, Joshi VM, Srinivasan S, Stokes D, Hoehn ME, Wilson M, Ness KK, Robison LL. Approach for classification and severity grading of long-term and late-onset health events among childhood cancer survivors in the St. Jude Lifetime Cohort. *Cancer Epidemiol Biomarkers Prev*. 2017 May;26(5):666-674. PubMed PMID: 28035022
20. Chemaitilly W, Li Z, Krasin MJ, Brooke RJ, **Wilson CL**, Green DM, Klosky JL, Barnes N, Clark KL, Farr JB, Fernandez-Pineda I, Bishop MW, Metzger M, Pui CH, Kaste SC, Ness KK, Srivastava DK, Robison LL, Hudson MM, Yasui Y, Sklar CA. Premature ovarian insufficiency in childhood cancer survivors: A report from the St. Jude Lifetime Cohort. *J Clin Endocrinol Metab*. 2017 Jul 1;102(7):2242-2250. PubMed PMID: 28368472
21. Morton LM, Sampson JN, Armstrong GT, Chen TH, Hudson MM, Karlins E, Dagnall CL, Li SA, **Wilson CL**, Srivastava DK, Liu W, Kang G, Oeffinger KC, Henderson TO, Moskowitz CS, Gibson TM, Merino DM, Wong JR, Hammond S, Neglia JP, Turcotte LM, Miller J, Bowen L, Wheeler WA, Leisenring WM, Whitton JA, Burdette L, Chung C, Hicks BD, Jones K, Machiela MJ, Vogt A, Wang Z, Yeager M, Neale G, Lear M, Strong LC, Yasui Y1, Stovall M, Weathers RE, Smith SA, Howell R, Davies SM, Radloff GA, Onel K, de González AB, Inskip PD, Rajaraman P, Fraumeni JF Jr, Bhatia S, Chanock SJ, Tucker MA, Robison LL. Genome-wide association study to identify susceptibility loci that modify radiation-related risk for breast cancer after childhood cancer. *J Natl Cancer Inst*. 2017 Nov 1;109(11). PubMed PMID: 29059430
22. Devine KA, Mertens AC, Whitton JA, **Wilson CL**, Ness KK, Gilleland Marchak J, Leisenring W, Oeffinger KC, Robison LL, Armstrong GT, Krull KR. Factors associated with physical activity among adolescent and young adult survivors of early childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). *Psychooncology*. 2018 Feb;27(2):613-619. PubMed PMID: 28805953

23. Im C, Ness KK, Kaste SC, Chemaitilly W, Moon W, Sapkota Y, Brooke RJ, Hudson MM, Robison LL, Yasui Y, **Wilson CL**. Genome-wide search for higher order epistasis as modifiers of treatment effects on bone mineral density in childhood cancer survivors. *Eur J Hum Genet.* 2018 Feb;26(2):275-286. PubMed PMID: 29348692. Role: Co-senior author, corresponding author
24. Dixon SB, Bjornard KL, Alberts NM, Armstrong GT, Brinkman TM, Chemaitilly W, Ehrhardt MJ, Fernandez-Pineda I, Force LM, Gibson TM, Green DM, Howell CR, Kaste SC, Kirchoff AC, Klosky JL, Krull KR, Lucas JT Jr, Mulrooney DA, Ness KK, **Wilson CL**, Yasui Y, Robison LL, Hudson MM. Factors influencing risk-based care of the childhood cancer survivor in the 21st Century. *CA Cancer J Clin.* 2018 Mar;68(2):133-152. PubMed PMID: 29377070
25. Howell CR, **Wilson CL**, Ehrhardt MJ, Partin RE, Kaste SC, Lanctot JQ, Pui CH, Robison LL, Hudson MM, Ness KK. Clinical impact of sedentary behaviors in adult survivors of acute lymphoblastic leukemia: A report from the St. Jude Lifetime Cohort Study. *Cancer.* 2018 Mar 1;124(5):1036-1043. PubMed PMID: 29205290
26. Fernandez-Pineda I, Davidoff A, Lu L, Rao B, **Wilson CL**, Srivastava DK, Klosky J, Metzger M, Krasin MJ, Ness KK, Pui CH, Robison LL, Hudson MM, Sklar C, Green DM, Chemaitilly W. Impact of ovarian transposition before pelvic irradiation on ovarian function among long-term survivors of childhood Hodgkin lymphoma: A report from the St. Jude Lifetime Cohort Study. *Pediatr Blood Cancer.* 2018 May 11:e27232. PubMed PMID: 29750388
27. Clemens E, van der Kooi ALF, Broer L, van Dulmen-den Broeder E, Visscher H, Kremer L, Tissing W, Loonen J, Ronckers CM, Pluijm SMF, Neggers SJMM, Zolk O, Langer T, Zehnhoff-Dinnesen AA, **Wilson CL**, Hudson MM, Carleton B, Laven JSE, Uitterlinden AG, van den Heuvel-Eibrink MM. The influence of genetic variation on late toxicities in childhood cancer survivors: A review. *Crit Rev Oncol Hematol.* 2018 Jun;126:154-167. PubMed PMID: 29759558
28. Wang Z, **Wilson CL**, Easton J, Thrasher A, Mulder H, Liu Q, Hedges D, Wang, S, Rusch M, Edmonson M, Levy S, Lanctot JQ, Caron E, Shelton K, Currie K, Lear M, Yergeau D, Rosencrance C, Shao Y, Vadodaria B, Sapkota Y, Brooke RJ, Moon W, Rampersaud E, Ma X, Chang T, Rice S, Patel A, Pepper C, Zhou X, Chen X, Chen W, Jones A, Boone B, Ehrhardt MJ, Krasin MJ, Howell R, Phillips NS, Lewis C, Srivastava DK, Pui CH, Kesserwan CA, Wu G, Nichols KE, Downing JR, Hudson MM, Yasui Y, Robison LL, Zhang J. Germline mutations in cancer predisposition genes and risk for subsequent neoplasm among long-term survivors of childhood cancer in the St. Jude Lifetime Cohort. *J Clin Oncol.* 2018 Jul 10;36(20):2078-2087. PubMed PMID: 29847298. Role: Co-first author
29. **Wilson CL**, Howell CR, Partin RE, Lu L, Kaste SC, Mulrooney DA, Pui CH, Lanctot JQ, Srivastava DK, Robison LL, Hudson MM, Ness KK. Influence of fitness on health status among survivors of acute lymphoblastic leukemia. *Pediatr Blood Cancer.* 2018 Jul 29:e27286. PubMed PMID: 30058279. Role: First author, corresponding author
30. Brooke RJ, Im C, **Wilson CL**, Krasin MJ, Liu Q, Li Z, Sapkota Y, Moon W, Morton LM, Wu G, Wang Z, Chen W, Howell RM, Armstrong GT, Bhatia S, Mostoufi-Moab S, Seidel K, Chanock SJ, Zhang J, Green DM, Sklar CA, Hudson MM, Robison LL, Chemaitilly W, Yasui Y. A high-risk haplotype for premature menopause in Childhood Cancer Survivors exposed to gonadotoxic therapy. *J Natl Cancer Inst.* 2018 Aug 1;110(8):895-904. PubMed PMID: 29432556
31. Wogksch MD, Howell CR, **Wilson CL**, Partin RE, Ehrhardt MJ, Krull KR, Brinkman TM, Mulrooney DA, Hudson MM, Robison LL, Ness KK. Physical fitness in survivors of childhood Hodgkin Lymphoma: A report from the St. Jude Lifetime Cohort. *Pediatr Blood Cancer.* 2018 Oct 25:e27506. PubMed MPID: 30362255
32. Wang Z, Liu Q, **Wilson CL**, Easton J, Mulder H, Chang TC, Rusch MC, Edmonson MN, Rice SV, Ehrhardt MJ, Howell RM, Kesserwan CA, Wu G, Nichols KE, Downing JR, Hudson MM, Zhang J, Yasui

- Y, Robison LL. Polygenic determinants for subsequent breast cancer risk in survivors of childhood cancer: The St. Jude Lifetime Cohort Study (SJLIFE). *Clin Cancer Res.* 2018 Dec 15;24(24):6230-6235. PubMed PMID: 30366939
33. Krull KR, Li C, Phillips NS, Cheung YT, Brinkman TM, **Wilson CL**, Armstrong GT, Khan RB, Merchant TE, Sabin ND, Srivastava D, Pui CH, Robison LL, Hudson MM, Sklar CA, Chemaitilly W. Growth hormone deficiency and neurocognitive function in adult survivors of childhood acute lymphoblastic leukemia. *Cancer.* 2019 May 15;125(10):1748-1755. PubMed PMID: 30690723
 34. van Atteveld JE, Pluijm SMF, Ness KK, Hudson MM, Chemaitilly W, Kaste SC, Robison LL, Neggers SJCMM, Yasui Y, van den Heuvel-Eibrink MM, **Wilson CL**. Prediction of low and very low bone mineral density among adult survivors of childhood cancer. *J Clin Oncol.* 2019 May 31;JCO1801917. PubMed PMID: 31169453. Role: Senior author
 35. Ehrhardt MJ, Howell CR, Hale K, Baassiri MJ, Rodriguez C, **Wilson CL**, Joshi SS, Lemond TC, Shope S, Howell RM, Wang Z, Srivastava D, Mulrooney DA, Zhang J, Robison LL, Ness KK, Hudson MM. Subsequent breast cancer in female childhood cancer survivors in the St Jude Lifetime Cohort Study (SJLIFE). *J Clin Oncol.* 2019 Jul 1;37(19):1647-1656. PubMed PMID: 31075046
 36. Wang Z, **Wilson CL**, Armstrong GT, Hudson MM, Zhang J, Nichols KE, Robison LL. Association of germline brca2 mutations with the risk of pediatric or adolescent non-Hodgkin Lymphoma. *JAMA Oncol.* 2019 Jul 25;5(9):1362-1364. PubMed PMID: 31343663
 37. Sapkota Y, Turcotte LM, Ehrhardt MJ, Howell RM, Arnold MA, **Wilson CL**, Leisenring W, Wang Z, Sampson J, Dagnall CL, Karlins E, Li SA, Hicks BD, Weathers R, Smith SA, Shelton K, Liu Q, Tucker MA, Chanock SJ, Zhang J, Hudson MM, Neglia JP, Armstrong GT, Robison LL, Morton LM, Bhatia S, Yasui Y. Genome-wide association study in irradiated childhood cancer survivors identifies HTR2A for subsequent basal cell carcinoma. *J Invest Dermatol.* 2019 Sep;139(9):2042-2045.e8. PubMed PMID: 30910758. PubMed PMID: 30910758
 38. Wang Z, Rice SV, Chang TC, Liu Y, Liu Q, Qin N, Putnam DK, Shelton K, Lanctot JQ, **Wilson CL**, Ness KK, Rusch MC, Edmonson MN, Wu G, Easton J, Kesserwan CA, Downing JR, Chen X, Nichols KE, Yasui Y, Robison LL, Zhang J. Molecular mechanism of telomere length dynamics and its prognostic value in pediatric cancers. *J Natl Cancer Inst.* 2020 Jul 1;112(7):756-764. PubMed PMID: 31647544
 39. Chemaitilly W, Liu Q, van Iersel L, Ness KK, Li Z, **Wilson CL**, Brinkman TM, Klosky JL, Barnes N, Clark KL, Howell RM, Smith SA, Krasin MJ, Metzger ML, Armstrong GT, Bishop MW, van Santen HM, Pui CH, Srivastava DK, Yasui Y, Hudson MM, Robison LL, Green DM, Sklar CA. Leydig cell function in male survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study. *J Clin Oncol.* 2019 Nov 10;37(32):3018-3031. PubMed PMID: 31557085
 40. Sapkota Y, Cheung YT, Moon W, Shelton K, **Wilson CL**, Wang Z, Mulrooney DA, Zhang J, Armstrong GT, Hudson MM, Robison LL, Krull KR, Yasui Y. Whole-Genome sequencing of childhood cancer survivors treated with cranial radiation therapy identifies 5p15.33 locus for stroke: A report from the St. Jude Lifetime Cohort Study. *Clin Cancer Res.* 2019 Nov 15;25(22):6700-6708. PubMed PMID: 31462438
 41. van Iersel L, Li Z, Srivastava DK, Brinkman TM, Bjornard KL, **Wilson CL**, Green DM, Merchant TE, Pui CH, Howell RM, Smith SA, Armstrong GT, Hudson MM, Robison LL, Ness KK, Gajjar A, Krull KR, Sklar CA, van Santen HM, Chemaitilly W. Hypothalamic-pituitary disorders in childhood cancer survivors: prevalence, risk factors and long-term health outcomes. *J Clin Endocrinol Metab.* 2019 Dec 1;104(12):6101-6115. PubMed PMID: 31373627
 42. **Wilson CL**, Wang Z, Liu Q, Ehrhardt MJ, Mostafavi R, Easton J, Mulder H, Hedges DJ, Wang S, Rusch M, Edmonson M, Levy S, Lanctot JQ, Currie K, Lear M, Patel A, Sapkota Y, Brooke RJ, Moon W, Chang TC, Chen W, Kesserwan CA, Wu G, Nichols KE, Hudson MM, Zhang J, Robison LL, Yasui Y. Estimated

- number of adult survivors of childhood cancer in United States with cancer-predisposing germline variants. *Pediatr Blood Cancer*. 2020 Feb;67(2):e28047. PubMed PMID: 31736278. Role: First author, corresponding author
43. Williams HE, Howell CR, Chemaitilly W, **Wilson CL**, Karol SE, Nolan VG, Smeltzer MP, Green DM, Ehrhardt MJ, Mulrooney DA, Pui CH, Hudson MM, Robison LL, Ness KK. Diabetes mellitus among adult survivors of childhood acute lymphoblastic leukemia: A report from the St. Jude Lifetime Cohort Study. *Cancer*. 2020 Feb 15;126(4):870-878. PubMed PMID: 31714590
 44. **Wilson CL**, , Brinkman TM, Cook C, Huang S, Hyun G, Green DM, Furman WL, Bhakta N, Ehrhardt MJ, Krasin MJ, Robison LL, Ness KK, Hudson MM. Clinically ascertained health outcomes, quality of life, and social attainment among adult survivors of neuroblastoma: A report from the St. Jude Lifetime Cohort. *Cancer*. 2020 Mar 15;126(6):1330-1338. PubMed PMID: 31923330. Role: First author
 45. Song N, Li Z, Qin N, Howell CR, **Wilson CL**, Easton J, Mulder HL, Edmonson MN, Rusch MC, Zhang J, Hudson MM, Yasui Y, Robison LL, Ness KK, Wang Z. Shortened leukocyte telomere length associates with an increased prevalence of chronic health conditions among survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. *Clin Cancer Res*. 2020 May 15;26(10):2362-2371. PubMed PMID: 31969337
 46. Qin N, Wang Z, Liu Q, Song N, **Wilson CL**, Ehrhardt MJ, Shelton K, Easton J, Mulder H, Kennetz D, Edmonson MN, Rusch MC, Downing JR, Hudson MM, Nichols KE, Zhang J, Robison LL, Yasui Y. Pathogenic germline mutations in DNA repair genes in combination with cancer treatment exposures and risk of subsequent neoplasms among long-term survivors of childhood cancer. *J Clin Oncol*. 2020 Jun 4;JCO1902760. PubMed PMID: 32496904
 47. Sapkota Y, **Wilson CL**, Zaidi AK, Moon W, Fon Tacer K, Lu L, Liu Q, Baedke J, Dhaduk R, Wang Z, Chemaitilly W, Krasin MJ, Berry FB, Zhang J, Hudson MM, Robison LL, Green DM, Yasui Y. A novel locus predicts spermatogenic recovery among childhood cancer survivors exposed to alkylating agents. *Cancer Res*. 2020 Sep 1;80(17):3755-3764. PubMed PMID: 32554749
 48. Howell CR, **Wilson CL**, Yasui Y, Srivastava DK, Lu W, Bjornard KL, Ehrhardt MJ, Brinkman TM, Chemaitilly W, Hodges JR, Lanctot JQ, Robison LL, Hudson MM, Ness KK. Neighborhood effect and obesity in adult survivors of pediatric cancer: A report from the St. Jude lifetime cohort study. *Int J Cancer*. 2020 Jul 15;147(2):338-349. PubMed PMID: 31600422
 49. **Wilson CL**, Liu W, Chemaitilly W, Howell CR, Srivastava DK, Howell RM, Hudson MM, Robison LL, Ness KK. Body composition, metabolic health and functional impairment among adults treated for abdominal and pelvic tumors during childhood. *Cancer Epidemiol Biomarkers Prev*. 2020 Sep;29(9):1750-1758. PubMed PMID: 32796078. Role: First author, corresponding author
 50. Qin N, Li Z, Song N, **Wilson CL**, Easton J, Mulder H, Plyler E, Neale G, Walker E, Zhou X, Pan H, Hudson MM, Yasui Y, Robison LL, Zhang J, Ness KK, Wang Z. Epigenetic age acceleration and chronic health conditions among adult survivors of childhood cancer. *J Natl Cancer Inst*. 2021 May 4;113(5):597-605. PubMed PMID: 32970815
 51. Im C, Qin N, Wang Z, Qiu W, Howell CR, Sapkota Y, Moon W, Chemaitilly W, Gibson TM, Mulrooney DA, Ness KK, **Wilson CL**, Morton LM, Armstrong GT, Bhatia S, Zhang J, Hudson MM, Robison LL, Yasui Y. Generalizability of "GWAS hits" in clinical populations: Lessons from childhood cancer survivors. *Am J Hum Genet*. 2020 Oct 1;107(4):636-653. PubMed PMID: 32946765
 52. Sapkota Y, Qin N, Ehrhardt MJ, Wang Z, Chen Y, **Wilson CL**, Estep J, Rai P, Hankins JS, Burrige PW, Jefferies JL, Zhang J, Hudson MM, Robison LL, Armstrong GT, Mulrooney DA, Yasui Y. Genetic variants associated with therapy-related cardiomyopathy among childhood cancer survivors of African ancestry. *Cancer Res*. 2021 May 1;81(9):2556-2565. PubMed PMID: 33288658

53. Howell CR, Bjornard KL, Ness KK, Alberts N, Armstrong GT, Bhakta N, Brinkman T, Caron E, Chemaitilly W, Green DM, Folse T, Huang IC, Jefferies JL, Kaste S, Krull KR, Lanctot JQ, Mulrooney DA, Neale G, Nichols KE, Sabin ND, Shelton K, Srivastava DK, Wang Z, **Wilson C**, Yasui Y, Zaidi A, Zhang J, Robison LL, Hudson MM, Ehrhardt MJ. Cohort Profile: The St. Jude Lifetime Cohort Study (SJLIFE) for paediatric cancer survivors. *Int J Epidemiol*. 2021 Mar 3;50(1):39-49. PubMed PMID: 33374007
54. Goldberg JF, Ness KK, Chi X, Santucci AK, Plana JC, Joshi VM, Luepker RV, Durand JB, Partin RE, Howell RM, **Wilson CL**, Towbin JA, Jefferies JL, Srivastava DK, Hudson MM, Robison LL, Armstrong GT. Cardiovascular Family History Increases Risk for Late-Onset Adverse Cardiovascular Outcomes in Childhood Cancer Survivors: A St. Jude Lifetime Cohort Report. *Cancer Epidemiol Biomarkers Prev*. 2021 Jan;30(1):123-132. PubMed PMID: 33033146
55. McLeod C, Gout AM, Zhou X, Thrasher A, Rahbarinia D, Brady SW, Macias M, Birch K, Finkelstein D, Sunny J, Mudunuri R, Orr BA, Treadway M, Davidson B, Ard TK, Chiao A, Swistak A, Wiggins S, Foy S, Wang J, Sioson E, Wang S, Michael JR, Liu Y, Ma X, Patel A, Edmonson MN, Wilkinson MR, Frantz AM, Chang TC, Tian L, Lei S, Islam SMA, Meyer C, Thangaraj N, Tater P, Kandali V, Ma S, Nguyen T, Serang OA, McGuire I, Robison N, Gentry D, Tang X, Palmer LE, Wu G, Suh E, Tanner L, McMurry J, Lear M, Pappo AS, Wang Z, **Wilson CL**, Cheng Y, Meshinchi S, Alexandrov LB, Weiss MJ, Armstrong GT, Robison LL, Yasui Y, Nichols KE, Ellison DW, Bangur C, Mullighan CG, Baker SJ, Dyer MA, Miller G, Newman S, Rusch M, Daly R, Perry K, Downing JR, Zhang J. St. Jude Cloud-a pediatric cancer genomic data sharing ecosystem. *Cancer Discov*. 2021 May;11(5):1082-1099. PubMed PMID: 33408242
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ii. Original Research Articles Accepted for Future Publication

iii. Original Research Articles Submitted for Review

1. Sapkota Y, Ehrhardt MJ, Qin N, Wang Z, Liu Q, Shelton K, Shao Y, Plyler E, Mulder HL, Michael JR, Burridge PW, Wang X, **Wilson CL**, Jefferies JJ, Chow EJ, Oeffinger KC, Morton LM, Li C, Yang JJ, Zhang J, Bhatia S, Mulrooney DA, Hudson MM, Robison LL, Armstrong GT, Yasui Y. Whole genome sequence analysis identifies a novel locus on 6p21.2 for treatment-induced cardiac dysfunction among childhood cancer survivors. *Eur Heart J*. 2021; submitted for review.

iv. Book Chapters and Monographs

1. **Wilson CL**, Cohn RJ, Ashton LJ. Survivors of childhood cancer: issues and challenges. In: *When cancer crosses disciplines*, eds. Robotin M, Olver I, Girgis Afaf. Imperial College Press (London, The United Kingdom) 2009. Role: First author

v. Abstracts

1. **Wilson CL**, Cohn RJ, Johnston K, Ashton LJ. The use of record linkage in an epidemiological study examining survivors of childhood cancer. 13th AEA Annual Scientific Meeting. Adelaide, South Australia, Commonwealth of Australia. October 11-12, 2004. Oral presentation. Role: First author
2. **Wilson CL**, Cohn RJ, Johnston K, Ashton LJ. Characteristics of childhood cancer survivors predicted their successful tracing. 14th AEA Annual Scientific Meeting. Newcastle, New South Wales, Commonwealth of Australia. October 6-7, 2005. Oral presentation. Role: First author
3. **Wilson CL**, Cohn RJ, Johnston K, and Ashton LJ. The role of the Glutathione S-transferases in susceptibility to childhood AML in an Australian population. 15th AEA Annual Scientific Meeting. Melbourne, Victoria, Commonwealth of Australia. September 18-19, 2006. Oral presentation. Role: First author
4. Prietto SM, Ferguson AE, **Wilson CL**, Symington I, Ashton LJ. Determining ethnicity in NSW Newborns: Implications for genetic association studies. 15th AEA Annual Scientific Meeting. Melbourne, Victoria, Commonwealth of Australia. September 18-19, 2006.
5. **Wilson CL**, Cohn RJ, Johnston K, Ashton LJ. Glutathione S-transferase polymorphisms in survivors of paediatric cancer. 15th AEA Scientific Meeting. Melbourne, Victoria, Commonwealth of Australia. September 18-19, 2006. Oral presentation. Role: First author
6. **Wilson CL**, Cohn RJ, Dalla-Pozza L, Alvaro F, Lindley R, Hopper J, Southey M, Ashton LJ. Late mortality among survivors of childhood acute lymphoblastic leukaemia. 15th AEA Annual Scientific Meeting. Sydney, New South Wales, Commonwealth of Australia. September 18-19, 2006. Oral presentation. Role:

First author

7. **Wilson CL**, Johnston K, Cohn RJ, and Ashton LJ. Investigating late effects of childhood cancer treatment: Challenges of establishing a survivor cohort. ANZCHOG Annual Scientific Meeting. Sydney, New South Wales, Commonwealth of Australia. May 23, 2007. Role: First author
8. **Wilson CL**, Cohn RJ, Johnston K, Ashton LJ. Late mortality and second malignancies among survivors of childhood cancer. AEA and IEA Western Pacific Region Joint Scientific Meeting. Hobart, Tasmania, Commonwealth of Australia. August 27-29, 2007. Oral presentation. Role: First author
9. **Wilson CL**, Johnston K, Cohn RJ, Ashton LJ. Tracing and recruiting survivors of childhood cancer: The Australian experience. AACR Centennial Meeting 2007. Los Angeles, CA. April 14-18, 2007. Role: First author
10. **Wilson CL**, Cohn RJ, Johnston K, Ashton LJ. Second malignancies and late mortality among survivors of childhood cancer. COSA Annual Scientific Meeting 2008. Sydney, New South Wales, Commonwealth of Australia. November 18-20, 2008. Role: First author
11. **Wilson CL**, Cohn RJ, Dalla-Pozza L, Alvaro F, Lindley R, Hopper J, Southey M, and Ashton LJ. Late mortality among survivors of childhood acute lymphoblastic leukaemia. (a) Annual AEA Scientific Meeting. Melbourne, Australia. September 18-19, 2006. (b) Annual AEA Scientific Meeting. Brisbane, Commonwealth of Australia. September 2008. Role: First author
12. **Wilson CL**, Dilley K, Ness KK, Leisenring WL, Sklar CA, Kaste SC, Stovall M, Green DM, Armstrong GT, Robison LL, Kadan-Lottick NS. Fractures among long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. 3rd ESLCCC Symposium. Amsterdam, Kingdom of the Netherlands. September 29-30, 2011. Role: First author
13. **Wilson CL**, Ness KK, Neglia JP, Hammond S, Leisenring WM, Stovall M, Robison LL, Armstrong GT. Renal carcinoma following therapy for cancer in childhood: A report from the Childhood Cancer Survivor Study. (a) ASCO Annual Meeting. Chicago, IL. June 1-5, 2012. *J Clin Oncol* 30, 2012 (suppl; abstr 9528). Oral presentation. (b) 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Chicago, IL. June 8-9, 2012. Role: First author
14. Ness KK, Armstrong GT, Gurney LG, Srivastava DK, **Wilson CL**, Smith WA, Robison LL, Hudson MM, Krull KR. Physiologic frailty in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study. (a) 44th SIOP Congress. London, United Kingdom of Great Britain and Northern Ireland. October 5-8, 2012. *Pediatr Blood Cancer*. 2012 Sep 17;59(6). (b) 14th ISPNO Symposium. Toronto, Canada. June 24-27, 2012.
15. **Wilson CL**, Liu W, Neale G, Srivastava DK, Gurney JG, Kang G, Mehta P, Ojha R, Hudson MM, Robison LL, Ness KK. Potential gene variants associated with obesity following cranial radiation treatment for childhood cancer in a genome-wide association study. AACR Annual Meeting 2013. Washington, DC. April 6-10, 2013. *Cancer Res*. 2014 Nov 18;73(8 Supplement):2544-2544. Role: First author
16. **Wilson CL**, Leisenring WM, Oeffinger KC, Stratton KL, Nathan PC, Masker-Wasilewski K, Hudson MM, Castellino SM, Stovall M, Armstrong GT, Brinkman TM, Robison LL, Ness KK. Predictors of declining levels of physical activity among adult survivors of childhood cancer. (a) ASCO Annual Meeting 2013. Chicago, IL. May 31-June 5, 2013. *J Clin Oncol* 31, 2013 (suppl; abstr 10062). Poster presentation. (b) 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Memphis, TN. June 13-15, 2013. Poster presentation. Role: First author
17. Kang G, Liu W, **Wilson CL**, Neale G, Yang JJ, Ness KK, Robison LL, Hudson MM, Srivastava DK. Evaluation of two-step resampling procedure for internal validation of genome-wide association studies. UT-KBRIN Bioinformatics Summit. Cadiz, KY. April 11-13, 2014.

18. Karlage RE, **Wilson CL**, Zhang N, Kaste SC, Green DM, Armstrong GT, Robison LL, Chemaitilly W, Srivastava DK, Hudson MM, Ness KK. Validity of body mass index and waist-to-height ratio to classify obesity among survivors of childhood cancer. ESLCCC Symposium. Edinburgh, Scotland, United Kingdom of Great Britain and Northern Ireland. September 15-16, 2014.
19. Ness KK, Hudson MM, Karlage RE, Pui CH, Chemaitilly W, Lanctot JQ, Mulrooney DA, Hale K, **Wilson CL**, Robison LL, DeLany JP. Body composition, energy balance and fitness among survivors of childhood Acute Lymphoblastic Leukemia (ALL): A report from the St. Jude Lifetime Cohort Study. 46th SIOP Congress. Toronto, Canada. October 22-25, 2014. *Pediatr Blood Cancer*. 2014 Dec;61(S2).
20. Ness KK, Hudson MM, Karlage RE, Pui CH, Chemaitilly W, Lanctot JQ, Hale KC, **Wilson CL**, Robison LL, DeLany JP. Exercise tolerance and energy expenditure among adult survivors of childhood acute lymphoblastic leukemia (ALL): A report from the St. Jude Lifetime Cohort Study. 46th SIOP Congress. Toronto, Canada. October 22-25, 2014. *Pediatr Blood Cancer*. 2014 Dec;61(S2).
21. **Wilson CL**, Chemaitilly W, Jones KE, Kaste SC, Srivastava DK, Ojha RP, Yasui Y, Pui CH, Robison LL, Hudson MM, Ness KK. Factors associated with aging phenotypes among adult survivors of ALL. 47th SIOP Congress. Cape Town, Republic of South Africa. October 8-11, 2015. *Pediatr Blood Cancer*. 2015 Sep 09;62(S4). Oral presentation. Role: First author
22. Wang Z, Yasui Y, NessKK, **Wilson CL**, Srivastava DK, Rusch M, Thrasher A, Hudson MM, Jinghui, Robison LL. Telomere length and accelerated aging in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. ICHG Annual Meeting. Kyoto, Japan. April 3-7, 2016. Oral presentation
23. Morton LM, Sampson JN, Armstrong GT, Chen T, Hudson MM, Karlins E, Dagnall CL, Li S, **Wilson CL**, Srivastava DK, Liu W, Kang G, Oeffinger KC, Henderson TO, Moskowitz CS, Gibson TM, Merion DM, Wong JR, Hammond S, Neglia JP, Turcotte LM, Miller J, Bowen L, Wheeler WA, Leisenring WM, Whitton JA, Burdette L, Chung C, Hicks BD, Jones K, Machiela MJ, Vogt A, Wang Z, Yeager M, Neale G, Lear M, Strong LC, Yasui Y, Stovall M, Weather RE, Smith SA, Howell R, Davies SM, Radloff GA, Berrington de Gonzalez A, Inskip PD, Rajarman P, Fraumeni Jr JF, Bhatia S, Chanock SJ, Tucker MA, Robison LL. Genome-wide association study of meningioma as a subsequent neoplasm: A report from the Childhood Cancer Survivor Study (CCSS) and St. Jude Lifetime Cohort (SJLIFE). (a) AACR Annual Meeting. Abstract #2691. New Orleans, LA. April 16-20, 2016. Oral presentation. (b) ASCO Annual Meeting. Abstract # 10510. Chicago, IL. June 3-7, 2017. *J Clin Oncol*. 34, 2016 (suppl; abstr 10510).
24. **Wilson CL**, Chemaitilly W, Liu W, Hudson MM, Srivastava DK, Robison LL, Ness KK, St. Jude Children's Research Hospital. Body composition among adult survivors of pediatric abdominal and pelvic tumors in the St. Jude Lifetime Cohort. ASCO Annual Meeting. Chicago, IL. June 3-7, 2016. *J Clin Oncol*. 34, 2016 (suppl; abstr 10574). Role: First author
25. Morton LM, Sampson JN, Bhatia S, Hudson MM, Chen TH, Neglia JP, Yasui Y, Karline E, Dagnall CL, Gibson TM, **Wilson CL**, Srivastava DK, Liu W, Kang G, Weathers RE, Smith SA, Tucker MA, Robison LL, Chanock SJ, Armstrong GT. Genome-wide association study of meningioma as a subsequent neoplasm: A report from the Childhood Cancer Survivor Study (CCSS) and St. Jude Lifetime Cohort (SJLIFE). (a) 52nd ASCO Annual Meeting. Chicago, IL. June 3-7, 2016. *J Clin Oncol* 34, 2016 (suppl; abstr 10510). (b) AACR Annual Meeting 2016. Abstract #2691. New Orleans, LA. April 16-20, 2016. Oral presentation
26. **Wilson CL**, Chemaitilly W, Liu W, Hudson MM, Srivastava DK, Robison KK, Ness KK. Metabolic impairments among adult survivors of paediatric abdominal and pelvic tumours in the St. Jude Lifetime Cohort Study. 55th ESPE Annual Meeting. Paris, French Republic. September 10-12, 2016. Role: First author
27. Chemaitilly W, Li Z, Krasin MJ, **Wilson CL**, Green DM, Klosky JL, Barnes N, Clark K, Farr J, Fernandez-Pineda I, Metzger M, Pui CH, Ness KK, Srivastava DK, Robison LL, Hudson MM, Sklar CA, Yasui Y.

- Premature ovarian insufficiency (POI) in childhood cancer survivors (CCS): A report from the St. Jude Lifetime Cohort (SJLIFE) Study. 55th ESPE Annual Meeting. Paris, French Republic. September 10-12, 2016.
28. Im C, **Wilson CL**, Ness KK, Moon W, Kaste SC, Chemaitilly W, Hudson MM, Robison LL, Yasui Y. Genome-wide SNP interaction analysis suggests polygenic regulatory effects on bone mineral density among adult survivors of cancer. ASHG Annual Meeting. Vancouver, British Columbia, Canada. October 18-22, 2016.
 29. **Wilson CL**, Lu L, Howell CR, Kaste SC, Mulrooney DA, Pui CH, Partin RE, Lanctot JQ, Srivastava DK, Robison LL, Hudson MM, Ness KK. The influence of physical fitness on adverse health outcomes among survivors of childhood acute lymphoblastic leukemia. 48th SIOP Congress. Dublin, Republic of Ireland. October 19-22, 2016. *Pediatr Blood Cancer*. 2016 Nov;63 Suppl 3:S5-S321. Oral presentation. Role: First author
 30. Brooke RJ, Chemaitilly W, Sapkota Y, Moon W, **Wilson CL**, Ness KK, Green DM, Hudson MM, Robison LL, Yasui Y. A high-risk haplotype drives premature menopause in childhood cancer survivors: St. Jude Lifetime Cohort Study. Faculty/Postdoctoral Poster Session 2016. St. Jude Children's Research Hospital. Memphis, TN. November 17, 2016.
 31. Wang Z, **Wilson CL**, Easton J, Hedges D, Liu Q, Wu G, Rusch M, Edmonson M, Levy S, Lanctot JQ, Caron E, Shelton K, Currie K, Lear M, Mulder H, Yergeau D, Rosencrance C, Vadodaria B, Sapkota Y, Brooke RJ, Moon W, Rampersaud E, Ma X, Wang S, Chang T, Rice S, Thrasher A, Patel A, Pepper C, Zhou X, Chen X, Chen W, Jones A, Boone B, Srivastava DK, Kesserwan CA, Nichols KE, Downing JR, Hudson MM, Yasui Y, Robison LL, Zhang J. Germline mutations in cancer predisposition genes and risk for subsequent neoplasm among long-term survivors of childhood cancer in the St. Jude Lifetime Cohort. AACR Annual Meeting. Washington, DC. April 1-5, 2017. *Cancer Res* 2017;77(13 Suppl):Abstract nr 3001.
 32. Brooke RJ, Chemaitilly W, **Wilson CL**, Krasin MJ, Li Z, Im C, Morton LM, Wu G, Wang Z, Chen W, Howell RM, Armstrong GT, Bhatia S, Chanock SJ, Zhang J, Green DM, Sklar CA, Hudson MM, Robison LL, Yasui Y. A high-risk genetic profile for premature menopause (PM) in childhood cancer survivors (CCS) exposed to gonadotoxic therapy: A report from the St. Jude Lifetime Cohort (SJLIFE) and Childhood Cancer Survivor Study (CCSS). (a) ASCO Annual Meeting. Chicago, IL. June 3-7, 2017. *J Clin Oncol*. 35, 2017 (suppl; abstr 10502). Poster presentation. (b) 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Atlanta, GA. June 15-17, 2016.
 33. **Wilson CL**, Cook CM, Brinkman TM, Huang S, Furman WL, Bhakta N, Robison LL, Ness KK, Hudson MM. Late complications among adult survivors of neuroblastoma in the St. Jude Lifetime Cohort Study (SJLIFE). (a) ASCO Annual Meeting. Chicago, IL. June 2-6, 2017. *J Clin Oncol*. 35, 2017 (suppl; abstr 10561). (b) 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Atlanta, GA. June 15-17, 2017. Role: First author
 34. Howell CR, **Wilson CL**, Partin R, Johnson R, Pui CH, Lanctot JQ, Hudson MM, Robison LL, Ness KK. Sedentary behaviors in adult survivors of acute lymphoblastic leukemia. The 15th International Conference on Long-term Complications of Treatment of Children and Adolescents for Cancer. Abstract #82. Atlanta, GA. June 15-17, 2016.
 35. **Wilson CL**, Chemaitilly W, Liu W, Hudson MM, Srivastava DK, Robison LL, Ness KK. Factors associated with low lean mass among adult survivors of pediatric abdominal and pelvic tumors. ELSCCC Symposium. Copenhagen, The Kingdom of Denmark. September 22-23, 2016. Role: First author
 36. Fernandez-Pineda I, Davidoff A, Lu L, Rao B, **Wilson CL**, Srivastava DK, Klosky J, Metzger M, Krasin MJ, Ness KK, Pui CH, Robison LL, Hudson MM, Sklar C, Green DM, Chemaitilly W. Impact of ovarian transposition on ovarian function among long-term survivors of childhood Hodgkin lymphoma: A report

from the St. Jude Lifetime Cohort Study. 49th SIOP Congress. Washington, DC. October 12-15, 2017. *Pediatr Blood Cancer*. 2017 Nov;64(S3). Oral presentation

37. Newman S, Zhou X, McLeod C, Rusch M, Wu G, Sioson E, Wang S, Michael JR, Patel A, Edmonson M, Frantz A, Chang T, Li Y, Davidson RI, Ma S, McGuire I, Robison N, Tang X, Palmer L, Suh E, Tanner L, McMurry J, Perry K, Wang Z, **Wilson C**, Cheng Y, Weiss M, Robison LL Yasui Y, Nichols K, Ellison D, Downing JR, Zhang J. Access, visualize and analyze 5,000 whole-genomes from pediatric cancer patients on St Jude Cloud. AACR Annual Meeting. Chicago, IL. April 14-18, 2018. *Clin Cancer Res*. 2018 Jul;78(14). Oral presentation
38. Wang Z, **Wilson CL**, Liu Q, Easton J, Mulder H, Rusch M, Edmonson M, Levy S, Patel A, Shao Y, Chang T, Rice SV, Sapkota Y, Brooke RJ, Moon W, Rampersaud E, Ma X, Pepper C, Zhou X, Chen X, Chen W, Jones A, Boone B, Ehrhardt MJ, Howell RM, Phillips NS, Lewis C, Kesserwan CA, Wu G, Nichols KE, Downing JR, Hudson MM, Zhang J, Yasui Y, Robison LL. Monogenic and polygenic associations with subsequent breast cancer risk in survivors of childhood cancer: The St. Jude Lifetime Cohort Study (SJLIFE). AACR Annual Meeting. Chicago, IL. April 14-18, 2018. *Clin Cancer Res*. 2018 Jul;78(14). Oral presentation
39. Brinkman TM, Cheung YT, Li C, **Wilson CL**, Kang G, Liu W, Ness KK, Reddick W, Edelmann M, Srivastava DK, Neale G, Hudson MM, Robison LL, Krull KR. Genome-wide association study of attention problems and executive dysfunction in adult survivors of childhood leukemia. ICCTF Annual Conference. Sydney, Commonwealth of Australia. April 9-11, 2018.
40. Rusch M, McLeod C, Newman S, Zhou X, Wu, G, Sioson E, Wang S, Michael RJ, Patel A, Edmonson MN, Birch K, Frantz A, Chang TC, Li Y, Davidson RI, Ma S, McGuire I, Robison N, Gentry D, Weaver C, Tang X, Palmer L, Suh E, Tanner L, McMurry J, Wang Z, **Wilson CL**, Cheng Y, Weiss M, Robison LL, Yasui Y, Nichols KE, Ellison DW, Perry K, Downing KP, Zhang J. St. Jude Cloud - expanding access to and facilitating usage of pediatric cancer genomics data. Bio-IT World Conference & Expo. Boston, MA. May 15-17. 2018.
41. van Atteveld JE, Pluijm SMF, Ness KK, Hudson MM, Chemaitilly W, Kaste SC, Robison LL, Neggers SJCMM, van den Heuvel-Eibrink MM, **Wilson CL**. Development and validation of a clinically applicable prediction model to identify adult survivors of childhood cancer with a low risk of low bone mineral density. SIOP Annual Congress. Kyoto, Japan. November 16-19, 2018. Role: Senior author
42. Ehrhardt MJ, Howell CR, Hale K, Baassiri MJ, Rodriguez C, **Wilson CL**, Joshi SS, Lemond TC, Shope S, Howell RM, Wang Z, Mulrooney DA, Zhang J, Robison LL, Ness KK, Hudson MM. Breast cancer risk and detection in female childhood cancer survivors in the St. Jude Lifetime Cohort Study (SJLIFE). SIOP Annual Congress. Kyoto, Japan. November 16-19, 2018.
43. Wang Z, Kesserwan CA, Mostafavi R, Chang TC, Li N, **Wilson CL**, Gibson TM, Qin N, Easton J, Mulder H, Wu G, Edmonson MN, Rusch MC, Downing JR, Bhatia S, Armstrong GT, Hudson MM, Zhang J, Yasui Y, Nichols KE, Robison LL. Monoallelic germline BRCA2 mutations increase the risk of pediatric/adolescent non-Hodgkin lymphoma: A report from the St. Jude Lifetime and Childhood Cancer Survivor Study Cohorts. AACR Annual Meeting. Atlanta, GA. March 29-April 3, 2019.
44. Sapkota Y, Cheung YT, Moon W, Shelton K, **Wilson CL**, Wang Z, Mulrooney DA, Zhang J, Armstrong GT, Hudson MM, Robison LL, Krull KR, Yasui Y. Whole-genome sequencing of childhood cancer survivors treated with cranial radiation identified 5p15.33 locus for stroke: A report from the St. Jude Lifetime Cohort study. AACR Annual Meeting. Atlanta, GA. March 29-April 3, 2019.
45. Zhou X, McLeod C, Newman S, Rusch M, Birch K, Macias M, Sunny J, Wu G, Wang J, Sioson E, Lei S., Michael JR, Pate A, Edmonson MN, Frantz A, Suh E, Perry K, Wang K, **Wilson CL**, Robison LL, Yasui Y, Armstrong GT, Downing JR, Zhang J. Visualize 10,000 whole-genomes from pediatric cancer patients on St. Jude Cloud. AACR Annual Meeting. Atlanta, GA. March 29-April 3, 2019.

46. Im C, Howell C, Sapkota Y, Moon WJ, Chemaitilly W, Gibson TM, Mulrooney DA, Ness KK, **Wilson CL**, Wang Z, Hudson MM, Robison LL, Yasui Y. The generalizability of general-population GWAS hits in childhood cancer survivors: An analysis of 12 anthropometric and cardiometabolic phenotypes in the St. Jude Lifetime Cohort Study (SJLIFE). NASLCCC Annual Meeting. Abstract # O31. Atlanta, GA. June 20-22, 2019. Oral presentation
47. Ehrhardt MJ, Howell CR, Hale K, Baassiri MJ, Rodriguez C, **Wilson CL**, Joshi SS, Lemond TC, Shope S, Howell RM, Wang Z, Mulrooney DA, Zhang J, Robison LL, Ness KK, Hudson MM. Breast cancer risk and detection in female childhood cancer survivors in the St. Jude Lifetime Cohort Study (SJLIFE). (a) SIOP Annual Congress. Kyoto, Japan. November 16-19, 2018. (b) North American Symposium on Late Complications after Childhood Cancer. Atlanta, GA. June 20-22, 2019. Oral presentation
48. Wang Z, Liu Q, **Wilson CL**, Sapkota Y, Gibson TM, Morton LM, Sampson JN, Neglia JP, Arnold MA, Rusch MC, Mulder H, Easton J, Zhang J, Downing J, Bhatia S, Armstrong GT, Chemaitilly W, Hudson MM, Robison LL, Yasui Y. Polygenic risk of subsequent thyroid cancer after childhood cancer: A report from St Jude Lifetime Cohort (SJLIFE) and Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Chicago, IL. May 31-June 4, 2019.
49. Howell CR, **Wilson CL**, Yasui Y, Srivastava DK, Liu W, Bjornard KL, Ehrhardt MJ, Brinkman TM, Chemaitilly W, Hodges JR, Lanctot JQ, Robison LL, Hudson MM, Ness KK. Neighborhood effects and obesity in adult survivors of pediatric cancer: A report from the St. Jude Lifetime Cohort Study. (a) ASCO Annual Meeting. Chicago, IL. May 31-June 4, 2019. (b) North American Symposium on Late Complications after Childhood Cancer. Atlanta, GA. June 20-22, 2019. (c) Obesity Week 2019. Abstract # 21250. Las Vegas, NV. November 3-7, 2019.
50. Sapkota Y, Liu Q, Shelton KC, Wang X, **Wilson CL**, Wang Z, Mulrooney DA, Jefferies JL, Oeffinger KC, Morton LM, Zhang Z, Armstrong GT, Bhatia S, Hudson MM, Robison LL, Yasui Y. Genome-wide association study using whole-genome sequencing identifies a novel locus associated with increased risk of cardiomyopathy in adult survivors of childhood cancer: Utility of a 2-stage analytic approach. ASCO Annual Meeting. Chicago, IL. May 31-June 4, 2019.
51. Ness KK, Partin R, Howell CR, Krull KR, Brinkman TM, Armstrong GT, Chemaitilly W, **Wilson CL**, Mulrooney DA, Gibson TM, Lanctot JQ, Johnson RE, Krull M, Shelton K, Srivastava DK, Robison LL, Hudson MM. Progression of frailty in young adult survivors of childhood cancer: St. Jude Lifetime Cohort. (a) ASCO Annual Meeting. Abstract # 10057. Chicago, IL. May 31-June 4, 2019. (b) NASLCCC Annual Meeting. Abstract # O05. Atlanta, GA. June 20-22, 2019. Oral presentation
52. Flasch DA, Mulder H, Kennetz D, Mostafavi R, **Wilson CL**, Easton J, Nichols KE, Wang Z, Yasui Y, Robison LL, Hudson MM, Zhang J. Exploring germline structural variants in pediatric cancer survivors for cancer predisposition. Human Genetics and Genomics. Gordon Research Conference. Waterville Valley, NH. July 7-12, 2019.
53. Song N, Qin N, Howell CR, **Wilson CL**, Easton J, Mulder H, Edmondson MN, Rusch MC, Zhang J, Hudson MM, Yasui Y, Robison LL, Ness KK, Wang Z. Leukocyte telomere length and occurrence of chronic health conditions among survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. ASHG Annual Meeting. PgmNr 34. Houston, TX. October 15-19, 2019.
54. Zhou X, Lei S, Shelton K, Bhakta N, Wang J, Sioson E, Patel J, Wang Z, **Wilson CL**, Yasui Y, Gout A, Hudson MM, Robison LL, Zhang J. Browse, visualize and analyze clinical and whole-genome data of 9,137 pediatric cancer survivors on the SJLIFE data portal. ASHG Annual Meeting. Houston, TX. October 15-19, 2019.
55. Sapkota Y, Armstrong GT, **Wilson CL**, Wang Z, Zhang J, Hudson MM, Robison LL, Mulrooney DA, Yasui Y. Novel loci linked to impaired ejection fraction and risk of cardiomyopathy in childhood cancer

survivors of African ancestry: A report from the St. Jude Lifetime Cohort. ASHG Annual Meeting. Abstract # 1921954. Houston, TX. October 15-19, 2019.

56. Wang Z, Qin N, Liu Q, Song N, **Wilson CL**, Shelton K, Easton J, Mulder H, Hennetz D, Edmonson MN, Rusch MC, Nichols KE, Hudson MM, Zhang J, Robison LL, Yasui Y. Risk of subsequent neoplasms among long-term survivors of childhood cancer: Germline mutations in DNA repair genes and cancer treatment exposures. ASHG Annual Meeting. Abstract # 1940028. Houston, TX. October 15-19, 2019.
57. Flasch DA, Davis E, Rice SV, Mulder H, Kennetz D, Mostafavi R, **Wilson CL**, Easton J, Nichols KE, Wang Z, Yasui Y, Robison LL, Hudson MM, Zhang J. Assessment of germline structural variants in pediatric cancer survivors for cancer predisposition. ASHG Annual Meeting. Houston, TX. October 15-19, 2019.
58. Qin N, Li Zhenghong, Song N, Easton J, Mulder H, Plyler E, Neale G, Walker E, **Wilson CL**, Hudson MM, Yasui Y, Robison LL, Zhang J, Ness KK, Wang Z. Epigenetic age acceleration and chronic health conditions among adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. AACR Annual Meeting 2020. Abstract # 16. San Diego, CA. April 24-29, 2020.
59. Sapkota Y, Qin N, Ehrhardt MJ, Wang Z, **Wilson CL**, Estep J, Rai P, Hankins JS, BurrIDGE PW, Jefferies JL, Zhang J, Hudson MM, Robison LL, Armstrong GT, Mulrooney DA, Yasui Y. Cardiomyopathy risk among childhood cancer survivors of African ancestry and its molecular mechanisms. ASCO Annual Meeting. Abstract #: 297465. Chicago, IL. May 29-Jun 2, 2020.
60. Im C, Li N, Moon WJ, Morton LM, Leisenring WM, Howell RM, Oeffinger KC, Sklar CA, **Wilson CL**, Sapkota Y, Ness KK, Hudson MM, Robison LL, Bhatia S, Armstrong GT, Yasui Y. HAGHL genetic variants increase first fracture risk (FFR) in female childhood cancer survivors: A report from the Childhood Cancer Survivor Study (CCSS) and St. Jude Lifetime Cohort Study (SJLIFE). ASCO 2020 Annual Meeting. Abstract # 306041. Chicago, IL. May 29-Jun 2, 2020.
61. Dixon S, Lu L, **Wilson CL**, Jefferies JL, Merchant TE, Howell RM, Ness KK, Srivastava DK, Hudson MH, Robison LL, Chemaitilly W, Armstrong GT. Prediabetes and progression to diabetes among adult survivors of childhood cancer in the St. Jude Lifetime Cohort. ASCO 2020 Annual Meeting. Abstract # 10548; poster # 435. Chicago, IL. May 29-Jun 2, 2020.

vi. Abstracts Accepted for Presentation

1. Hagiwara K, Wang Z, Zubair H, Easton J, Mulder HL, Ma X, Ness KK, Li Z, **Wilson CL**, Yasui Y, Hudson MM, Robison LL, Zhang J. Accelerated clonal hematopoiesis in survivors of childhood cancer: a report for the St. Jude Lifetime Cohort Study. (a) AACR Annual Meeting 2021. Abstract # 3701. Virtual. April 10-15; May 17-21, 2021. (b) AACR Annual Meeting 2022. New Orleans, LA. April 8-13, 2022.
2. Goodenough CG, Li N, Baedke J, Brinkman TM, **Wilson CL**, Delaney A, Inaba H, Clark KL, Armstrong GT, Talleur AC, Pui CH, Green DM, Merchant TE, Srivastava DK, Yasui Y, Hudson MM, Robison LL, Kaste SC, Ness KK, Chemaitilly W. Bone mineral density status in adult survivors of childhood cancer. ASCO Annual Meeting. Chicago, IL. June 3-7, 2022.

vii. Abstracts Submitted for Review

19. Oral Presentations

1. **Wilson CL**, Cohn RJ, Johnston K, Ashton LJ. Establishing a cohort of childhood cancer survivors. Grand Rounds. Sydney Children's Hospital. Sydney, Commonwealth of Australia. June 2005. Role: First author, invited speaker

2. **Wilson CL.** Molecular epidemiology of childhood cancer survivors. Kids Cancer Update. Sydney Children's Hospital. Sydney, Commonwealth of Australia. June 2007. Role: Invited speaker
3. **Wilson CL, Ashton LJ.** Molecular epidemiology of long-term survivors of childhood cancer. Long-term survivors of childhood cancer: Mini-symposium. Sydney Children's Hospital. Sydney, Commonwealth of Australia. June 2007. Role: First author, invited speaker
4. **Wilson CL, Ashton LJ.** Long-term health outcomes in survivors of childhood cancer and their relatives. The Children's Hospital at Westmead. Sydney, Commonwealth of Australia. July 2008. Role: First author, invited speaker
5. **Wilson CL.** Childhood cancer and fractures. The 6th International Conference on Children's Bone Health. Rotterdam, The Netherlands. June 2013. Role: Invited speaker
6. **Wilson CL.** Metabolic derangements following abdominal irradiation: SJLIFE data. Obesity, Metabolic Disorders and Survivorship: Challenges and Opportunities. St. Jude Children's Research Hospital. Memphis, TN. February 26, 2020. Role: Invited speaker