

CURRICULUM VITAE

NAME: DANIEL A. MULROONEY, MD, MS

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Division of Cancer Survivorship
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ACADEMIC DEGREES:

B.A.	06/87	University of St. Thomas, St. Paul Minnesota (Biology)
M.D.	06/97	Loyola University, Stritch School of Medicine, Chicago, Illinois (Medicine)
M.S.	03/05	University of Minnesota, School of Public Health, Minneapolis, Minnesota (Clinical Research)

PROFESSIONAL APPOINTMENTS:

1997-2001	Resident, Internal Medicine and Pediatrics, University of Minnesota, School of Medicine, Minneapolis, Minnesota
2001-2004	Fellow, Pediatric Hematology/Oncology/Blood and Marrow Transplantation, University of Minnesota, School of Medicine, Minneapolis, Minnesota
2004-2011	Assistant Professor, Department of Pediatrics, Division of Hematology and Oncology, University of Minnesota, School of Medicine, Minneapolis, Minnesota
2011-2012	Member, Clinical Research Masters of Science Faculty, Graduate School, University of Minnesota, Minneapolis, Minnesota
2012-present	Assistant Member, Department of Oncology, Division of Cancer Survivorship, St. Jude Children's Research Hospital, Memphis, Tennessee
2012-present	Deputy Director, After Completion of Therapy Clinic, St. Jude Children's Research Hospital, Memphis, Tennessee
2012-present	Assistant Professor (Adjunct), Departments of Pediatrics and Internal Medicine, University of Tennessee Health Science Center, College of Medicine

PROFESSIONAL SOCIETY MEMBERSHIPS:

2002-present	American Society of Hematology
2002-present	American Society of Clinical Oncology
2004-present	American Society of Pediatric Hematology and Oncology
2004-present	Children's Oncology Group
2004-present	Fellow, American College of Physicians
2008-present	American Heart Association
2008-present	Society for Pediatric Research

HONORS AND AWARDS:

2005	8 th Annual Fellows Travel Award, 15 th Annual Mayo Clinic Hematology/Oncology Reviews
2006-2010	Clinical Research Scholar Award, University of Minnesota Career Advancement Program
2008	Abstract selected for <i>Best of ASCO</i> Program
2009-present	Best Doctors

CERTIFICATION/LICENSURE:

2001-present Diplomat, American Board of Internal Medicine
 2004-present Minnesota Medical License (#47056)
 2004-present DEA Registration
 2007-present Diplomat, American Board of Pediatrics
 2009-present American Board of Pediatrics, Hematology/Oncology
 2012-present Tennessee Medical License (#48440)

GRANT SUPPORT:**Ongoing Research Support**

U01 CA195547 1 Hudson (PI) 07/09/2015 – 03/31/2020 2.40 calendar (20%)
 NCI

The St. Jude Lifetime Cohort (SJLIFE). The purpose of this study is to expand eligibility of the SJLIFE cohort to include a clinically well-characterized cohort of five-year survivors, to undertake uniform medical assessments in all cohort participants, to establish a resource for the conduct of innovative intervention-based research, and to develop innovative methodologies to maintain the SJLIFE cohort.

R01 CA174794 Krull (PI) 04/01/2013 – 03/31/2018 .60 calendar (5%)
 NIH-NCI/NICHD

Brain Integrity in Survivors of Childhood Cancer Treated with Thoracic Radiation. The goal of this study is to evaluate brain integrity in adult survivors of childhood cancer treated with thoracic radiation therapy, and to examine associations between cardiac, vascular, and pulmonary health and brain integrity in those survivors.

AICR FDN YR 1 Ness (PI) 01/01/2015 – 12/31/2017 .60 calendar (5%)
 AMERICAN INSTITUTE FOR CANCER RESEARCH (AICR)

Impact of resistance training-protein supplementation on lean muscle mass in Childhood Cancer Survivors. The purpose of this study is to compare changes in lean muscle mass, muscle strength, walking speed, self-reported exhaustion and physical activity levels between childhood cancer survivors randomized to a resistance training program with protein supplementation or a resistance training program with placebo supplementation.

Completed Grant Support:

Hyundai Motor America, Hyundai Hope on Wheels, PI (12/01/11-12/01/13)
 PI: Mulrooney

Development of Methods to Measure Cerebral Vascular Function in Survivors of Childhood Acute Lymphoblastic Leukemia

NIH Pediatric Research Loan Repayment Program (07/01/09– 6/30/12)
 PI: Mulrooney

National Children's Cancer Society (2/01/11–12/31/11)
 PI: Mulrooney
 Survivorship Series Conference

St. Baldrick's Foundation Infrastructure Grant (12/01/10-11/30/11)
 PI: Mulrooney
 Developing a Research Consortium – Advancing Cancer Outcomes Research

NCI, 5 U24 CA055727-17
 Childhood Cancer Survivor Study (12/01/05-11/30/11)
 (Subcontract Principal Investigator)

Minnesota Medical Foundation – Faculty Research Grant (11/1/09- 10/31/11)

PI: Mulrooney

Use of Strain and Strain Rate Imaging to Detect Anthracycline Induced Cardiotoxicity

University of Minnesota Grant-in-Aid (1/1/10 – 12/31/10)

PI: Mulrooney

Developing a Research Consortium – Advancing Cancer Outcomes Research

NIH/NICHD K12 RR023247 (7/1/06-7/31/10)

PI: Russell Luepker

Scholar Development Clinical Research (RMI)

Percent Effort: 75%

University of Minnesota, Karen Wyckoff Rein in Sarcoma Fund (2/01/07 – 7/31/09)

PI: Mulrooney

Premature Atherosclerotic Vascular Disease in Survivors of Childhood and Adolescent Osteosarcoma

NIH/NCI R01 CA112530 (08/15/06 – 07/31/09)

PI: K. Scott Baker

Metabolic Syndrome Following Transplant for Leukemia

Percent Effort: 10%

PUBLICATIONS:

Original Articles

1. **Mulrooney DA**, Carpenter B, Georgieff M, Angel C, Hunter D, Foker J, Steiner M. Hepatic mesenchymal hamartoma in a neonate: a case report and review of the literature. *J Pediatr Hematol Oncol.* 2(5):316-317, 2001.
2. **Mulrooney DA**, Davies SM, Walk D, Charnas LR. Late occurrence of chronic immune-mediated axonal polyneuropathy following bone marrow transplant for juvenile-onset alpha-mannosidosis. *Bone Marrow Transplant.* 32(9):953-955, 2003.
3. Nunez SB, **Mulrooney DA**, Laverdiere C, Hudson MM. Risk-based health monitoring of childhood cancer survivors: a report from the Children's Oncology Group. *Curr Oncol Rep.* 9(6):440-452, 2007.
4. Ness KK, Gurney JG, Zeltzer LK, Leisenring W, **Mulrooney DA**, Nathan PC, Robison LL, Mertens AC. The impact of limitations in physical, executive, and emotional function on health-related quality of life among adult survivors of childhood cancer: a report from the Childhood Cancer Survivors Study. *Arch Phys Med Rehabil.* 89(1):128-136, 2008.
5. **Mulrooney DA**, Ness KK, Neglia JP, Whitton J, Green DM, Zeltzer LK, Robison LL, Mertens AC. Fatigue and sleep disturbance in adult survivors of childhood cancer: a report from the Childhood Cancer Survivor Study (CCSS). *Sleep.* 31(2):271-281, 2008.
6. **Mulrooney DA**, Neglia JP, Hudson MM. Caring for adult survivors of childhood cancer. *Curr Treat Options Oncol.* 9(1):51-66, 2008.
7. **Mulrooney DA**, Dover DC, Yutaka Y, Ness KK, Mertens AC, Neglia JP, Sklar CA, Robison LL, Davies SM. Twenty years of follow-up among survivors of childhood and young adult acute myeloid leukemia: a report from the Childhood Cancer Survivor Study. *Cancer.* 112(9):2071-2079, 2008.
8. Nandagopal R, Laverdiere C, **Mulrooney DA**, Hudson MM, Meacham L. Endocrine late effects of childhood cancer therapy: a report from the Children's Oncology Group. *Hormone Res.* 69:65-74, 2008.
9. Hudson MM, **Mulrooney DA**, Bowers DC, Sklar CA, Green DM, Donaldson SS, Oeffinger KC, Neglia JP, Meadows AT, Robinson LL. High-risk populations identified in childhood cancer survivor study investigations: implications for risk-based surveillance. *J Clin Oncol.* 27(14):2405-2414, 2009.

10. Diller L, Chow EJ, Gurney JG, Hudson MM, Kadin-Lottick N, Kawashima T, Leisenring WM, Meacham LR, Mertens AC, **Mulrooney DA**, Oeffinger KC, Packer RJ, Robison LL, Sklar CA. Chronic disease in the childhood cancer survivor study cohort: a review of published findings. *J Clin Oncol.* 27(14):2339-2355, 2009.
11. Majhail NS, Challa TR, **Mulrooney DA**, Baker KS, Burns LJ. Hypertension and diabetes mellitus in adult and pediatric survivors of allogeneic hematopoietic cell transplantation. *Biol Blood Marrow Transplant.* 15(9):1100-1107, 2009.
12. **Mulrooney DA**, Yeazel MW, Kawashima T, Mertens AC, Mitby P, Stovall M, Donaldson SS, Green DM, Sklar CA, Robison LL, Leisenring WM. Cardiac outcomes in a cohort of adult survivors of childhood and adolescent cancer: retrospective analysis of the Childhood Cancer Survivor Study cohort. *BMJ.* 339:b4606, 2009.
13. **Mulrooney DA**. Surviving childhood cancer. Cure is not enough. *Minn Med.* 93(10):36-9, 2010.
14. McAvoy S, Baker SK, **Mulrooney DA**, Blaes A, Arora M, Burns LJ, Majhail NS. Corticosteroid dose as a risk factor for avascular necrosis of the bone after hematopoietic cell transplantation. *Biol Blood Marrow Transplant.* 16(9):1231-1236, 2010.
15. Blaes AH, Lindgren B, **Mulrooney DA**, Wilson L, Cho LC. Pathologic femur fractures after limb-sparing treatment of soft-tissue sarcomas. *J Cancer Surviv.* 4(4):399-404, 2010.
16. McClune BL, Polgreen LE, Burmeister LA, Blaes AH, **Mulrooney DA**, Burns LJ, Majhail NS. Screening, prevention and management of osteoporosis and bone loss in adult and pediatric hematopoietic cell transplant recipients. *Bone Marrow Transplant.* 46(1):1-9, 2011.
17. Clanton NR, Klosky JL, Li C, Jain N, Srivastava DK, **Mulrooney DA**, Zeltzer L, Stovall M, Robison LL, Krull KR. Fatigue, vitality, sleep and neurocognitive functioning in adult survivors of childhood cancer: a report from the Childhood Cancer Survivor Study. *Cancer.* 117(11):2559-68, 2011.
18. Dietz, AC, **Mulrooney DA**. Life beyond the disease: relationships, parenting, and quality of life among survivors of childhood cancer. *Haematologica.* 96(5):643-645, 2011.
19. Robien K, Strayer LG, Majhail N, Lazovich D, Baker KS, Smith AR, **Mulrooney DA**, Burns LJ. Vitamin D status among long-term survivors of hematopoietic cell transplantation. *Bone Marrow Transplant.* 46(11):1472-1479, 2011.
20. Steinberger J, Sinaiko AR, Kelly AS, Leisenring WM, Steffen LM, Goodman P, **Mulrooney DA**, Dietz AC, Moran A, Perkins JL, Baker KS. Cardiovascular risk and insulin resistance in childhood cancer survivors. *J Pediatr.* 160(3):494-9, 2012.
21. **Mulrooney DA**, Blaes AH, Duprez D. Vascular injury in cancer survivors. *J Cardiovasc Transl Res.* 5(3):287-296, 2012.
22. **Mulrooney DA**, Ness KK, Solovey A, Hebbel RP, Neaton JD, Peterson BA, Lee CK, Kelly AS, Neglia JP. Pilot study of vascular health in survivors of Hodgkin lymphoma. *Pediatr Blood Cancer.* 59(2):285-9, 2012.
23. Marina N, Hudson MM, Jones KE, **Mulrooney DA**, Avedian R, Donaldson SS, Popat R, West DW, Fisher P, Leisenring W, Stovall M, Robison LL, Ness KK. Changes in health status among aging survivors of pediatric upper and lower extremity sarcoma: a report from the Childhood Cancer Survivor Study (CCSS). *Arch Phys Med Rehabil.* 94(6):1062-73, 2013.
24. Hoffman M, **Mulrooney DA*** [Co-First Author], Steinberger J, Lee J, Baker KS, Ness KK. Deficits of physical function among young childhood cancer survivors. *J Clin Oncol.* 31(22):2799-805, 2013.
25. Hudson MM, Ness KK, Gurney JG, **Mulrooney DA**, Chemaitilly W, Krull KR, Green DM, Armstrong GT, Nottage KA, Jones KE, Sklar CA, Srivastava DK, Robison LL. Clinical ascertainment of health outcomes among adults treated for childhood cancer. *JAMA.* 309(22):2371-81, 2013.
26. **Mulrooney DA**, Ness KK, Huang S, Solovey A, Hebbel RP, Neaton JD, Clohisey DR, Kelly AS, Neglia JP. Pilot study of vascular health in survivors of osteosarcoma. *Pediatr Blood Cancer.* 60(10):1703-8, 2013.

27. Armstrong GT, Oeffinger KC, Chen Y, Kawashima T, Yasui Y, Leisenring W, Stovall M, Chow EJ, Sklar CA, **Mulrooney DA**, Mertens AC, Border W, Durand JB, Robison LL, Meacham LR. Modifiable risk factors and major cardiac events among adult survivors of childhood cancer. *J Clin Oncol.* 31(29):3673-80, 2013.
28. 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.* 31(36):4496-503, 2013.
29. Dietz AC, Sivanandam S, Konety S, Kaufman C, Gage R, Kelly A, Neglia J, **Mulrooney DA**. Evaluation of traditional and novel measures of cardiac function to detect anthracycline induced cardiotoxicity in survivors of childhood cancer. *J of Cancer Surviv.* 8(2):183-9, 2014.
30. Smith WA, Li C, Nottage K, **Mulrooney DA**, Armstrong GT, Lanctot JQ, Chemaitilly W, Laver JH, Srivastava DK, Robison LL, Ness KK. Lifestyle and metabolic syndrome in adult survivors of childhood cancer: a report from the St. Jude Lifetime Cohort Study. *Cancer.* 120(17):2742-50, 2014.
31. **Mulrooney DA**, Nunnery S, Armstrong GT, Ness KK, Srivastava DK, Donovan D, Kurt BA, Metzger ML, Krasin MJ, Joshi V, Duran JB, Robison LL, Hudson MM, Flamm SD. Coronary artery disease detected by coronary computed tomographic angiography in adult survivors of childhood Hodgkin lymphoma. *Cancer.* 120(22):3536-44, 2014.
32. Blair CK, Kelly AS, Steinberger J, Eberly LE, Napurski C, Robien K, Neglia JP, **Mulrooney DA**, Ross JA. Feasibility and preliminary efficacy of the effects of flavonoid-rich purple grape juice on the vascular health of childhood cancer survivors: a randomized controlled crossover trial. *Pediatr Blood Cancer.* 61(12):2290-6, 2014.
33. Chow EJ, Chen Y, Kremer LC, Breslow NE, Hudson MM, Armstrong GT, Border WL, Feijen EAM, Green DM, Meacham LR, Meeske KA, **Mulrooney DA**, Ness KK, Oeffinger KC, Sklar CA, Stovall M, Van der Pal HJ, Weathers RE, Robison LL, Yasui Y. Individual prediction of heart failure among childhood cancer survivors. *J Clin Oncol.* 33(5):394-402, 2015.
34. Hudson MM, Oeffinger KC, Jones KE, Brinkman TM, Krull KR, **Mulrooney DA**, Mertens AC, Castellino SM, Casillas JN, Gurney JG, Nathan PC, Leisenring WM, Robison LL, Ness KK. Age-dependent changes in health status in the Childhood Cancer Survivor Cohort. *J Clin Oncol.* 33(5):479-91, 2015.
35. Ness KK, DeLany JP, Kaste SC, **Mulrooney DA**, Pui CH, Chemaitilly W, Karlage RE, Lanctot J, Howell CR, Lu L, Srivastava DK, Robison LL, Hudson MM. Energy balance and fitness in adult survivors of childhood acute lymphoblastic leukemia. *Blood.* 125(22):3411-9, 2015.
36. Armstrong GT, Joshi VM, Ness KK, Marwick TH, Zhang N, Srivastava DK, Griffin B, Grimm R, Thomas JT, Phelan D, Collier P, Krull K, **Mulrooney DA**, Green DM, Hudson MM, Robison LL, Plana JC. Comprehensive echocardiographic detection of treatment-related cardiac dysfunction in adult survivors of childhood cancer: results from the St. Jude Lifetime Cohort Study. *J Am Coll Cardiol.* 65(23):2511-22, 2015.
37. Ehrhardt MJ, **Mulrooney DA**. Metabolic syndrome in adult survivors of childhood cancer: the intersection of oncology, endocrinology, and cardiology. *Lancet Diabetes Endocrinol.* 3(7):494-6, 2015.
38. **Mulrooney DA**, Duprez D. Caring for cancer survivors – more than just checking the blood pressure and measuring the ejection fraction. *Future Cardiol.* 11(4):371-5, 2015.
39. Schempp A, Lee J, Kearney S, **Mulrooney DA**, Smith AR. Iron overload in survivors of childhood cancer. *J Pediatr Hematol Oncol.* 38(1):27-31, 2015.
40. **Mulrooney DA**, Armstrong GT, Huang S, Ness KK, Ehrhardt MJ, Joshi VM, Plana JC, Soliman EZ, Green DM, Srivastava DK, Santucci A, Krasin MJ, Robison LL, Hudson MM. Cardiac outcomes in adult survivors of childhood cancer exposed to cardiotoxic therapy: a cross-sectional study from the St. Jude Lifetime Cohort. *Ann Intern Med.* 164(2):93-101, 2016.

41. Edelmann MN, Daryani VM, Bishop MW, Liu W, Brinkman TM, Stewart CF, **Mulrooney DA**, Kimberg C, Ness KK, Cheung YT, Srivastava DK, Robison LL, Hudson MM, Krull KR. Neurocognitive and patient-reported outcomes in adult survivors of childhood osteosarcoma. *JAMA Oncol.* 2(2):201-8, 2015.
42. Hines MR, **Mulrooney DA**, Hudson MM, Ness KK, Green DM, Howard SC, Krasin M, Metzger ML. Pregnancy-associated cardiomyopathy in survivors of childhood cancer. *J Cancer Surviv*; 10(1): 113-21, 2016.
43. Chow E, Anderson L, Baker KS, Bhatia S, Guilcher GMT, Huang JT, Pelletier W, Perkins JL, Rivard LS, Schechter T, Shah AJ, Wilson KD, Wong K, Grewal S, Armenian S, Meacham LR, **Mulrooney DA**, Castellino SM. Late effects surveillance recommendations among survivors of childhood hematopoietic cell transplantation: a Children's Oncology Group report. *Biol Blood Marrow Transplant.* 22(5):782-95, 2016.
44. Baassiri MJ, **Mulrooney DA**. At the heart of adolescent and young adult cancer survivorship. *J Clin Oncol.* 34(14):1570-2, 2016.
45. Boland AM, Gibson TN, Lu L, Kaste SC, DeLany JP, Partin RE, Lanctot JQ, Howell CR, Nelson HH, Chemaitilly W, Pui CH, Robison LL, **Mulrooney DA**, Hudson MM, Ness KK. Dietary protein intake and lean mass in survivors of childhood acute lymphoblastic leukemia: a report from the St. Jude Lifetime Cohort Study. *Phys Ther.* 96(7):1029-38, 2016
46. Mogil RJ, Kaste SC, Ferry RJ, Hudson MM, **Mulrooney DA**, Howell CR, Partin RE, Srivastava DK, Robison LL, Ness KK. Effect of low-magnitude, high-frequency mechanical stimulation on BMD among young childhood cancer survivors: a randomized clinical trial. *JAMA Oncol.* 34(14):1570-2, 2016.
47. Cheung YT, Edelmann MN, **Mulrooney DA**, Green DM, Chemaitilly W, John N, Robison LL, Hudson MM, Krull KR. Uric acid and neurocognitive function in survivors of childhood acute lymphoblastic leukemia treated with chemotherapy only. *Cancer Epidemiol Biomarkers Prev.* 25(8):1259-67, 2016.
48. Ehrhardt MJ, Bhakta N, Liu Q, Yasui Y, Krasin MJ, **Mulrooney DA**, Hudson MM, Robison LL, Absence of basal cell carcinoma in irradiated childhood cancer survivors of black race: a report from the St. Jude Lifetime Cohort Study. *Cancer Epidemiol Biomarkers Prev.* 25(9):1356-60, 2016.
49. Green DM, Zhu L, Wang M, Ness KK, Krasin MJ, Bhakta NH, McCarville MB, Srinivasan S, Stokes DC, Srivastava D, Ojha R, Shelton K, Pui CH, Armstrong GT, **Mulrooney DA**, Metzger M, Spunt SL, Navid F, Davidoff AM, Rao BN, Robison LL, Hudson MM. Pulmonary function after treatment for childhood cancer: A report from the St. Jude Lifetime Cohort Study (SJLIFE). *Ann Am Thorac Soc.* 13(9):1575-85, 2016.
50. **Mulrooney DA**. Breast cancer following childhood cancer – more to the story than we thought. *Transl Cancer Res*;5 (Suppl 4):S903-S906, 2016.
51. Dietz AC, Chen Y, Yasui Y, Ness KK, Hagood JS, Chow EJ, Stovall M, Neglia JP, Oeffinger KC, Mertens AC, Robison LL, Armstrong GT, **Mulrooney DA**. Risk and impact of pulmonary complications in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). *Cancer.* 122(23);3687-3696, 2016.
52. Fernandez-Pineda I, Hudson MM, Pappo AS, Bishop MW, Klosky JL, Brinkman TM, Srivastava DK, Neel MD, Rao BN, Davidoff AM, Krull KR, **Mulrooney DA**, Robison LL, Ness KK. Long-term functional outcomes and quality of life in adult survivors of childhood extremity sarcomas: a report from the St. Jude Lifetime Cohort Study. *J Cancer Surviv.* 11(1):1-12, 2017.
53. Ehrhardt MJ, Sandlund JT, Zhang N, Ness KK, Chemaitilly W, Krull KR, Brinkman TM, Crom DB, Kun LE, Kaste SC, Armstrong GT, Green DM, Srivastava DK, Robison LL, Hudson MM, **Mulrooney DA**. Late outcomes among adult survivors of childhood non-Hodgkin lymphoma (NHL): a report from the St. Jude Lifetime (SJLIFE) Cohort Study. *Pediatr Blood Cancer.* 64(6), 2017

54. Cheung YT, Chemaitilly W, **Mulrooney DA**, Brinkman TM, Liu W, Banerjee P, Srivastava D, Pui C, Robison LL, Hudson MM, Krull KR. Association between dehydroepiandrosterone-sulfate and attention in long-term survivors of childhood acute lymphoblastic leukemia treated with only chemotherapy. *Psychoneuroendocrinology*. 76:114-118, 2017.
55. Hudson MM, Ehrhardt MJ, Bhakta N, Baassiri M, Chemaitilly W, Green DM, **Mulrooney DA**, Armstrong GT, Brinkman TM, Klosky JL, Krull KR, Sabin ND, Wilson CL, Huang I, 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*, 26(5):666-674, 2017.
56. Cheung YT, Brinkman TM, **Mulrooney DA**, Yasmin M, Wei L, Banerjee P, Panoskaltis-Mortari A, Srivastava D, Pui CH, Robison LL, Hudson MM, Krull KR. Impact of sleep, fatigue and systemic inflammation of neurocognitive and behavioral outcomes in long-term survivors of childhood acute lymphoblastic leukemia. *Cancer*. **Epub ahead of print**
57. **Mulrooney DA**, Soliman EZ, Armstrong GT, Joshi VM, Green DM, Srivastava DK, Krasin MT, Luepker RV, Robison LL, Hudson MM, Ness KK. Electrocardiographic abnormalities in aging survivors of childhood cancer: A report from the St. Jude Lifetime (SJLIFE) Cohort Study. *Am Heart J*. 189:19-27, 2017.
58. Bhakta N, Liu Q, Ness KK, Baassiri M, Eissa H, Yeo F, Chemaitilly W, Ehrhardt MJ, Bass J, Bishop MW, Shelton KC, Lu L, Huang S, Li Z, Caron E, Lanctot J, Howell C, Folse T, Joshi V, Green DM, **Mulrooney DA**, Armstrong GT, Krull KR, Brinkman TM, Khan RB, Srivastava DK, Hudson MM, Yasui Y, Robison LL. Cumulative burden of chronic disease in adult survivors of childhood cancer: the St. Jude Lifetime (SJLIFE) Cohort. *Lancet*. **[In Press]**

Abstracts, Preliminary Communications, Clinical Papers

1. **Mulrooney DA**, Mertens AC, Neglia JP, Green DM, Zeltzer L, Robison LL. Fatigue and sleep disturbance in survivors of childhood cancer: a report from the Childhood Cancer Survivor Study (CCSS). *Proceedings American Society of Clinical Oncology Vol 22:761 #3059*, 2003 (poster presentation).
2. **Mulrooney DA**, Mertens AC, Neglia JP, Green DM, Zeltzer L, Robison LL. Fatigue and sleep in survivors of childhood cancer: a report from the Childhood Cancer Survivor Study (CCSS) *Proceedings American Society of Clinical Oncology Vol 23:757 #8129*, 2004 (poster presentation).
3. **Mulrooney DA**, Mertens AC, Neglia JP, Green DM, Zeltzer L, Robison LL. Fatigue and sleep in survivors of childhood cancer: a report from the Childhood Cancer Survivor Study (CCSS) *International Conference on Long-Term Complications of Treatment of Children & Adolescents for Cancer*, 2004 (poster presentation).
4. **Mulrooney DA**, Mertens AC, Neglia JP, Green DM, Zeltzer L, Robison LL. Fatigue and sleep in survivors of childhood cancer: a report from the Childhood Cancer Survivor Study (CCSS). *15th Annual Mayo Clinic Hematology/Oncology Reviews*, 2005 (oral presentation).
5. **Mulrooney DA**, Dover DC, Yasui Y, Ness K, Mertens AC, Neglia JP, Sklar CA, Robison LL, Davies, SM. Twenty years of follow-up among survivors of childhood and young adult acute myeloid leukemia (AML): a report from the Childhood Cancer Survivor Study (CCSS). *Proceeding of the American Society of Hematology Vol 108:11 #560*, 2006 (oral presentation).
6. **Mulrooney DA**, Deyo M, Solovey A, Neaton JD, Hebbel RP, Neglia JP. Endothelial injury in adult survivors of childhood and adolescent Hodgkin's disease (HD). *Arteriosclerosis, Thrombosis, and Vascular Biology Annual Conference*, April 2008 (poster presentation).

7. Petryk A, Mitby P, Steffen L, Gurney J, **Mulrooney DA**, Parekh D, Dengel D, Sinaiko A, Moran A, Steinberger J, Baker KS. Growth hormone deficiency is associated with metabolic syndrome in survivors of childhood cancer who received hematopoietic cell transplant (HCT). 2008 Pediatric Academic Societies & Asian Society for Pediatric Research Joint Meeting, May 2008 (poster presentation).
8. Baker KS, Mitby P, Steffen L, Gurney J, **Mulrooney DA**, Parekh D, Dengel D, Sinaiko A, Moran A, Steinberger J, Petryk A. Growth hormone deficiency is associated with metabolic syndrome in survivors of childhood cancer who received hematopoietic cell transplant (HCT). 10th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2008 (oral presentation).
9. **Mulrooney DA**, Deyo M, Solovey A, Neaton JD, Hebbel RP, Neglia JP. Endothelial injury in adult survivors of childhood and adolescent Hodgkin's disease (HD). International Conference on Long-Term Complications of Treatment of Children & Adolescents for Cancer, June 2008 (poster presentations).
10. **Mulrooney DA**, Yeazel M, Mitby P, Kawashima T, Leisenring WM, Stovall M, Green DM, Sklar CA, Robison LL, Mertens AC. Cardiovascular disease in adult survivors of childhood and adolescent cancer: a report from the Childhood Cancer Survivor Study (CCSS). Annual Meeting of the American Society of Clinical Oncology, June 3, 2008 (oral presentation).
11. **Mulrooney DA**, Yeazel M, Mitby P, Kawashima T, Leisenring WM, Stovall M, Green DM, Sklar CA, Robison LL, Mertens AC. Cardiovascular disease in adult survivors of childhood and adolescent cancer: a report from the Childhood Cancer Survivor Study (CCSS). 10th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 7, 2008 (oral presentation).
12. McAvoy S, **Mulrooney DA**, Arora M, Baker KS, Burns LJ, Majhail NS. Avascular necrosis (AVN) in survivors of hematopoietic-cell transplantation (HCT): a large single institution study. BMT Tandem Meetings, February 12, 2009 (poster presentation).
13. Majhail NS, Challa TR, **Mulrooney DA**, Baker KS, Burns LJ. New onset diabetes and hypertension in adult and pediatric survivors of allogeneic hematopoietic-cell transplantation. BMT Tandem Meetings, February 12, 2009 (poster presentation).
14. Baker KS, Kelly AS, Petryk A, Sinaiko AR, Steffen LM, Moran A, **Mulrooney DA**, Dengel DR, Gujral K, Zhou X, Steinberger J. Cardiometabolic risk in survivors of childhood cancer who received hematopoietic cell transplant (HCT). J Clin Oncol 27:15s, 2009 (suppl; abstr 6532) (poster presentation).
15. Lee J, Pichard D, Nascene D, McKinney A, Moertel C, **Mulrooney DA**. Cavernous hemangiomas after cranial radiation in childhood cancer survivors. Society for Neuro-Oncology Scientific Meeting, October 22-24, 2009 (poster presentation).
16. **Mulrooney DA**, Kelly AS, Baker KS, Steffen LM, Lunsford-Lee J, Petryk A, Sinaiko AR, Dengel DR, Perkins J, Messinger Y, Zhou X, Steinberger J. Cardiometabolic risks among survivors of childhood hematologic malignancies. American Society of Hematology Meeting, December 5-8, 2009 (publication only).
17. Baker KS, Steffen LM, Zhou X, Kelly AS, Lee J, Petryk A, Sinaiko AR, Dengel DR, **Mulrooney DA**, Steinberger J. Total body irradiation (TBI) increases cardio-metabolic risk and induces carotid vascular stiffness in survivors after hematopoietic cell transplant (HCT) for childhood hematologic malignancies. American Society of Hematology Meeting, December 5-8, 2009 (poster presentation).
18. **Mulrooney DA**, Kelly AS, Baker KS, Steffen LM, Lunsford-Lee J, Petryk A, Sinaiko AR, Dengel DR, Perkins J, Messinger Y, Zhou X, Steinberger J. Insulin resistance and vascular stiffness in survivors of childhood hematologic malignancies. 11th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2010 (oral presentation).

19. Polgreen L, Petryk A, Dietz AC, Leisenring W, Goodman P, Norris A, Hoffman M, **Mulrooney DA**, Perkins J, Steffen LM, Kelly AS, Sinaiko AR, Moran A, Dengel DR, Baker KS, Steinberger J. Bone mineral density in childhood cancer survivors (CCS). 11th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (poster presentation).
20. Dietz AC, Polgreen L, Petryk A, Leisenring W, Goodman P, **Mulrooney DA**, Steffen LM, Kelly AS, Baker KS, Steinberger J. Bone mineral density in childhood cancer survivors (CCS). American Society of Clinical Oncology 2010 Annual Meeting, (poster presentation).
21. Baker KS, Chow E, Koves I, Goodman P, Leisenring W, Hoffmeister P, Steffen LM, Dietz AC, Petryk A, Dengel D, Sinaiko AR, **Mulrooney DA**, Steinberger J. Adverse impact of hematopoietic cell transplantation (HCT) on body composition and insulin resistance is associated with increased cardiovascular risk. ASBMT Annual Meeting, Honolulu, Hawaii, 02/17-21/2011 (oral presentation).
22. Blair C, Kelly A, Steinberger J, Eberly L, Napurski C, Robien K, Neglia J, **Mulrooney D**, Ross J. JAVA Study: A pilot study to evaluate the effects of purple grape juice on the vascular health of childhood cancer survivors. Society for Epidemiologic Research (SER) Meeting, Montreal, Quebec, Canada, 06/21-24/2011 (poster presentation).
23. Dietz AC, Sivinandam S, Kaufman C, Kelly AS, Neglia JP, Gaillard P, **Mulrooney DA**. Evaluation of traditional and novel measures of cardiac function to detect anthracycline-induced cardiotoxicity in survivors of childhood cancer. Annual Meeting of the American Society of Clinical Oncology, June 2011 (poster presentation).
24. Blaes AH, Baker KS, Benson B, Bliss R, Lee J, Neglia JP, **Mulrooney DA**. Quality of life in cancer survivors is similar to the general population. Annual Meeting of the American Society of Clinical Oncology, June 2012 (publication only).
25. Blaes AH, Baker KS, Lee JL, Moen C, **Mulrooney DA**, Vankina S, Vogel RI, Kunin-Batson A. Body mass index (BMI) and its impact on quality of life (QOL) in childhood leukemia survivors. 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2013 (poster presentation).
26. Blaes AH, Baker KS, Lee JL, Moen C, **Mulrooney DA**, Vankina S, Vogel RI, Kunin-Batson A. Body mass index (BMI) and its impact on quality of life (QOL) in childhood leukemia survivors. American Society of Clinical Oncology, June 2013 (poster presentation).
27. **Mulrooney DA**, Nunnery S, Armstrong GT, Ness KK, Srivastava DK, Donovan D, Metzger ML, Krasin MJ, Joshi VM, Durand JB, Robison LL, Hudson MM, Flamm SD. Coronary artery disease detected by coronary computed tomographic angiography (CCTA) in adult survivors of childhood Hodgkin lymphoma. International Cardio-oncology Society Annual Meeting, December 2013 (poster presentation).
28. **Mulrooney DA**, Nunnery S, Armstrong GT, Ness KK, Srivastava DK, Donovan D, Metzger ML, Krasin MJ, Joshi VM, Durand JB, Robison LL, Hudson MM, Flamm SD. Coronary artery disease detected by coronary computed tomographic angiography (CCTA) in adult survivors of childhood Hodgkin lymphoma. 2nd International Symposium on Childhood, Adolescent and Young Adult Hodgkin Lymphoma (ISCAYAHL 2014), Berlin, Germany, May 2014 (oral presentation).
29. Blaes AH, **Mulrooney DA**, Vogel, RI, Peterson BA, Yee D, Neglia JP, Duprez D. Arterial elasticity in testicular cancer survivors. American Society of Clinical Oncology, June 2014 (poster presentation).
30. Armstrong GT, Joshi VM, Ness KK, Zhang N, Srivastava DK, Griffin B, Grimm R, Thomas JT, Phelan D, Collier P, **Mulrooney DA**, Krull K, Green DM, Marwick TH, Hudson MM, Robison LL, Plana JC. Myocardial strain for detection of treatment-related cardiac dysfunction in adult survivors of childhood cancer: results from the St. Jude Lifetime Cohort Study. American Society of Clinical Oncology, June 2014 (poster presentation).
31. Chow EJ, Chen Y, Armstrong GT, Border WL, Meacham LR, **Mulrooney DA**, Oeffinger KC, Sklar CA, Stovall M, Robison LL, Yasui Y. Individual risk prediction of major cardiovascular events after cancer: a Childhood Cancer Survivor Study report. American Society of Clinical Oncology, June 2014 (poster presentation).

32. **Mulrooney DA**, Armstrong GT, Huang S, Ness KK, Joshi VM, Green DM, Srivastava DK, Santucci A, Krasin MJ, Robison LL, Hudson MM. Cardiac outcomes in aging survivors of childhood cancer exposed to cardiotoxic therapy: a report from the St. Jude Lifetime (SJLIFE) Cohort study. American Society of Clinical Oncology, June 2014 (poster discussion).
33. Dietz AC, Chen Y, Ness KK, Hagood JS, Chow EJ, Yasui Y, Stovall M, Neglia JP, Oeffinger KC, Mertens AC, Robison LL, Armstrong GT, **Mulrooney DA**. Risk and impact of pulmonary complications in survivors of childhood cancer: a report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, June 2014 (poster discussion).
34. **Mulrooney DA**, Armstrong GT, Huang S, Ness KK, Joshi VM, Green DM, Srivastava DK, Santucci A, Krasin MJ, Robison LL, Hudson MM. Cardiac outcomes in aging survivors of childhood cancer exposed to cardiotoxic therapy: A report from the St. Jude Lifetime (SJLIFE) Cohort study. European Symposium on Late Complications After Childhood Cancer, September 2014 (poster presentation).
35. **Mulrooney DA**, Soliman EZ, Armstrong GT, Joshi VM, Green DM, Srivastava DK, Krasin MT, Luepker RV, Robison LL, Hudson MM, Ness KK. Electrocardiographic abnormalities in aging survivors of childhood cancer: a report from the St. Jude Lifetime (SJLIFE) Cohort study. International Society of Pediatric Oncology, October 2014 (poster presentation).
36. **Mulrooney DA**, Jones KE, Ness KK, Crom DB, Ehrhardt MJ, Brinkman TM, Krull KR, Chemaitilly W, Kun LE, Kaste SC, Armstrong GT, Srivastava DK, Relling MV, Pui CH, Jeha S, Sandlund JT, Green DM, Robison LL, Hudson MM. Late outcomes of adult survivors of childhood acute lymphoblastic leukemia (ALL) diagnosed between 1963-2002: A report from the St. Jude Lifetime (SJLIFE) Cohort Study. American Society of Hematology, December 2014 (oral presentation).
37. Ehrhardt MJ, Sandlund JT, Zhang N, Ness KK, Chemaitilly W, Krull KR, Brinkman TM, Crom DB, Kun LE, Kaste SC, Armstrong GT, Green DM, Srivastava DK, Robison LL, Hudson MM, **Mulrooney DA**. Late outcomes among adult survivors of childhood non-Hodgkin lymphoma (NHL): A report from the St. Jude Lifetime (SJLIFE) Cohort study. American Society of Clinical Oncology, May 2015 (poster presentation).
38. Green DM, Zhu L, Krasin MJ, Stokes DC, Srivastava DK, Ness KK, McCarville ME, **Mulrooney DA**, Armstrong GT, Pui CH, Spunt SL, Metzger ML, Navid F, Davidoff AM, Rao BN, Robison LL, Hudson MM. Pulmonary function in adult survivors of childhood cancer. A report from the St. Jude Lifetime Cohort Study (SJLIFE). American Society of Clinical Oncology, June 2015 (poster discussion).
39. **Mulrooney DA**, Soliman EZ, Armstrong GT, Joshi VM, Green DM, Srivastava DK, Krasin MT, Luepker RV, Robison LL, Hudson MM, Ness KK. Electrocardiographic abnormalities in aging survivors of childhood cancer: A report from the St. Jude Lifetime (SJLIFE) Cohort study. 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015 (oral presentation).
40. Dietz AC, Chen Y, Ness KK, Hagood JS, Chow EJ, Yasui Y, Stovall M, Neglia JP, Oeffinger KC, Mertens AC, Robison LL, Armstrong GT, **Mulrooney DA**. Risk and impact of pulmonary complications in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015 (oral presentation).
41. Ehrhardt MJ, Sandlund JT, Zhang N, Ness KK, Chemaitilly W, Krull KR, Brinkman TM, Crom DB, Kun LE, Kaste SC, Armstrong GT, Green DM, Srivastava DK, Robison LL, Hudson MM, **Mulrooney DA**. Late outcomes among adult survivors of childhood non-Hodgkin lymphoma (NHL): A report from the St. Jude Lifetime (SJLIFE) Cohort study. Late Effects in Childhood Cancer Survivors, June 2015 (poster presentation).
42. Ehrhardt MJ, **Mulrooney DA**, Chenghong L, Baassiri MJ, Sandlund JT, Brinkman TM, Huang I, Srivastava DK, Ness KK, Robison LL, Hudson MM, Krull KR. Neurocognitive, psychosocial, and quality of life outcomes in adult survivors of childhood non-Hodgkin lymphoma in the St. Jude Lifetime (SJLIFE) Cohort. Late Effects in Childhood Cancer Survivors, September 2016 (poster presentation).

43. Ehrhardt MJ, Chen Y, Sandlund JT, Bluhm EC, Hayashi R, Leisenring WM, Metzger M, Ness KK, Krull KR, Oeffinger KC, Robison LL, Yasui Y, Armstrong GT, Hudson MM, **Mulrooney DA**. Estimated late health outcomes in children newly diagnosed with mature B-cell non-Hodgkin lymphoma treated with contemporary LMB chemotherapy based upon similarly treated participants in the Childhood Cancer Survivor Study (CCSS). American Society of Hematology, December 2016 (poster presentation).
44. Baassiri MJ, Ehrhardt MJ, Liu W, Bhakta N, Ness KK, Brinkman TM, Krull KR, Chemaitilly W, Armstrong GA, Green DM, Rubnitz J, Inaba H, Srivastava DK, Robison LL, Hudson MM, **Mulrooney DA**. Late outcomes of adult survivors of childhood acute myeloid leukemia (AML): The St. Jude Lifetime (SJLIFE) Cohort. Pediatric Oncology East & Mediterranean Group, January 2017 (oral presentation).
45. Einstein AJ, Sesso HD, Cohen SS, Boerma M, Chambers C, Darby S, Gerber TC, Hirshfeld J, Little MP, **Mulrooney DA**, Held KD, Boice JD. Classification of cardiovascular causes of death for radiation epidemiologic studies: initial application to cohorts of radiation workers, radiographers, and atomic veterans. Eur Heart J Suppl 2017 (poster presentation).
46. **Mulrooney DA**, Ness KK, Huang S, Santucci A, Hebbel RP, Solovey AS, Duprez DA, Ehrhardt MJ, Green DM, Srivastava D, Robison LL, Hudson MM. Endothelial dysfunction in adult survivors of childhood cancer: a report from the St. Jude Lifetime Cohort Study. American Society of Clinical Oncology, June 2017 (poster presentation).
47. **Mulrooney DA**, Ness KK, Huang S, Santucci A, Hebbel RP, Solovey AS, Duprez DA, Ehrhardt MJ, Green DM, Srivastava D, Robison LL, Hudson MM. Endothelial dysfunction in adult survivors of childhood cancer: a report from the St. Jude Lifetime Cohort Study. 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2017 (oral presentation).

Presentations

Extramural Invited Presentations

1. Fatigue and Sleep in Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study, 15th Annual Mayo Clinic Hematology/Oncology Reviews, Jacksonville, FL, August 2005 (invited speaker).
2. Cancer in Patients with Cystic Fibrosis (Symposium 18), 2005 North American CF Conference, Baltimore, MD, October 2005 (invited speaker).
3. Primary Care for Adult Survivors of Childhood Cancer, 2005 American College of Physicians Minnesota Chapter Scientific Meeting, Minneapolis, MN, November 2005 (invited speaker).
4. Community Engagement around Childhood Cancer Survivorship, Cancer Summit 2006, Minnesota Cancer Alliance, Minneapolis, MN, April 2006 (invited speaker).
5. Care for the Childhood Cancer Survivor, Pediatric Update, Park Nicollet Clinic, St. Louis Park, MN May 2006 (invited speaker).
6. A Lion in the House: Minnesotans Connect, Documentary on Childhood Cancer, Community Panel Member, Twin Cities Public Television, St. Paul, MN June 2006 (invited speaker).
7. Care for Adult Survivors of Childhood and Adolescent Cancer, American Cancer Society, St Gabriel's Hospital Cancer Conference, Little Falls, MN, October 2006 (invited speaker).
8. Bone Marrow and Stem Cell Transplants: Effect on Long-Term Health, National Children's Cancer Society and National Marrow Donor Program Teleconference, April 2007 (invited speaker).
9. Cardiovascular Disease in Adult Survivors of Childhood Cancer, St. Jude Children's Research Hospital, January, 2007 (invited speaker).
10. Long Term Effects of Chemotherapy, National Association of Children's Hospitals and Related Institutions, 2007 Oncology/BMT Focus Group Meeting, June 25, 2007 (invited speaker).

11. Caring for Survivors of Childhood Cancer, Minnesota Society of Radiologic Technologists 67th Annual Meeting and Fall Education Conference, September 14, 2007 (invited speaker).
12. Survivors of Childhood Cancers: Management Tips for the Internist, American College of Physicians, 2007 Minnesota Chapter Scientific Meeting, November 2, 2007 (invited speaker).
13. Transitioning of Care After Childhood Cancer, Teleconference Series, The Transfer of Medical Care from Pediatric Oncology to Primary Care, National Children's Cancer Society Teleconference, February 2008 (invited speaker).
14. Long-Term Follow-Up of Cancer Survivors: Lessons Learned from the Children, Oncology Nursing Society, Metro Minnesota Chapter Cancer Conference, Brooklyn Center, MN, August 2008 (invited speaker).
15. Cardiovascular Outcomes in Childhood Cancer Survivors, Rady Children's Hospital/University of California San Diego, April 29, 2010 (invited speaker).
16. Medical Cares and Concerns, National Children's Cancer Society, St. Louis, MO, July 17, 2010 (invited speaker).
17. Survivorship: More Than Just a Cure, National Children's Cancer Society Nursing Web Conference, April 27, 2011 (invited speaker).
18. Dimensions of Cardiovascular Function in Survivors of Childhood Cancer, St. Jude Children's Research Hospital, August 2011 (invited speaker).
19. Maintaining a Healthy Heart, Survivorship Series Educational Conference, University of Minnesota, Minneapolis, MN, March 2012 (invited lecturer).
20. Cardiovascular Disease in Adult Survivors of Childhood and Adolescent Cancer: A Report from the Childhood Cancer Survivor Study (CCSS), June 11, 2012, ASA Conference on Radiation & Health (invited speaker).
21. Progress in the Treatment of Late Effects, National Children's Cancer Society Web Conference, March 26, 2013 (invited speaker).
22. Critical Issues in Transition for Cancer Survivors, April 24, 2013, American Society of Pediatric Hematology Oncology Annual Meeting (invited speaker).
23. Transition of Care to the Adult World, Survivorship Conference, ALL Children's Hospital, Tampa, FL, November 9, 2013 (invited speaker).
24. Childhood Cancer Therapy: More than Just a Cure, Nemours Children's Clinic, Jacksonville, FL, November 16, 2013 (keynote speaker).
25. Cardiovascular Disease in Adult Survivors of Childhood and Adolescent Cancer, Grand Rounds, Loyola University Medical Center, Chicago, IL, June 17, 2014 (invited speaker).
26. Heart Health after Cancer, Childhood Cancer Survivors Conference, University of Texas Southwestern Medical School, Dallas, TX, November 8, 2014 (invited speaker).
27. The Spectrum of Cardiovascular Outcomes After Childhood Cancer Therapy, Pediatric Grand Rounds, Baystate Medical Center, Springfield, MA, February 16, 2016 (invited speaker).
28. Surviving Childhood Cancer, OSF St. Francis Medical Center, Peoria, IL, April 16, 2016 (keynote speaker).
29. Transition of Care, OSF St. Francis Medical Center, Peoria IL, April 16, 2016 (invited speaker).
30. Pediatric Oncology Issues, The Children's Hospital at Saint Francis, Tulsa, OK, September 30, 2016 (invited speaker).
31. Implementation of COG Guidelines for Survivorship, The Children's Hospital at Saint Francis, Tulsa, OK, September 2016 (invited speaker).

32. Updates in Fertility Outcomes in Pediatric Cancer Survivors, The Oncofertility Consortium, Prentice Women's Hospital, Northwestern University, Chicago, IL, November 2, 2016 (invited speaker).
33. The Spectrum of Cardiovascular Disease After Childhood Cancer Therapy, Greehey Children's Cancer Research Institute Seminar Series, San Antonio, TX, June 2, 2017 (invited speaker).

Intramural Presentations

1. Living After Cancer Program, Ask the Expert Series, Cancer Center, University of Minnesota, Minneapolis, MN, September 2005 (invited speaker).
2. Beyond-the-Cure Educational Conference for Childhood Cancer Survivors, University of Minnesota, Minneapolis, MN, April 2006 (event coordinator/moderator).
3. Surviving Childhood Cancer, Pediatric Grand Rounds, University of Minnesota, January 2007.
4. Survivorship Series Educational Conference, University of Minnesota, Minneapolis, MN, April 2007, March 2008, April 2009, March 2010, (coordinator/moderator for annual conference).
5. Caring for the Childhood Cancer Survivor, Topics and Advances in Pediatrics, University of Minnesota, Minneapolis, MN, March 27, 2008 (invited speaker).
6. Cardiac Issues in Long-Term Survivors of Childhood Cancer, Eleventh Annual Pediatric Hematology/Oncology/BMT Nursing Symposium, University of Minnesota, Minneapolis, MN, November 2008 (invited speaker).
7. Unique Issues Facing Children in Long-Term Follow-up After Blood or Marrow Transplantation, University of Minnesota Blood and Marrow Transplant Program 40th Anniversary Celebration: BMT Survivorship Education Event, University of Minnesota, Minneapolis, MN, November 2008 (invited speaker).
8. Cardiovascular Outcomes in Childhood Cancer Survivors, Cancer Center Seminar, Masonic Cancer Center, University of Minnesota, Minneapolis, MN, June 2010 (invited speaker).
9. Medical Cares and Concerns, National Children's Cancer Society Survivorship Conference, St. Louis, MO, July 2010 (invited speaker).
10. Childhood Cancer Therapy – More Than Just a Cure, Grand Rounds Case Conference, Laboratory Medicine & Pathology, University of Minnesota, Minneapolis, MN, December 2010 (invited speaker).
11. Outcomes in Childhood Cancer Survivors, Microbiology, Immunology, and Cancer Biology (MICaB) Ph.D. Program, MICaB 8013 Translational Cancer Research, University of Minnesota, April 2011 (invited lecturer).
12. Survivorship, More than Just a Cure, National Children's Cancer Society, Webinar Professional Program, April 27, 2011 (invited lecturer).
13. Integrating Survivor Care Plans into Practice, Bridging the Transition to Life after Cancer Treatment, Cancer Survivorship Conference, Minneapolis, MN, April 30, 2011 (invited lecturer).
14. Cancer in Pediatric and Adolescent Populations, Pediatric Physiology and Health: Concepts and Applications, KIN 5585, University of Minnesota, June 9, 2011 (invited lecturer).
15. Childhood Cancer Survivorship, Fairview Northland Hospital Grand Rounds, Princeton, MN, November 10, 2011 (invited lecturer).
16. Pediatric Anemia, Fairview Maple Grove Medical Center, Maple Grove, MN, November 29, 2011. (invited lecturer).
17. Vascular Injury in Survivors of Childhood Cancer, Grand Rounds, St. Jude Children's Research Hospital, Memphis, TN, January 3, 2013 (invited speaker).
18. Long-Term Follow-Up Care for a Wilms Tumor Survivor, Solid Tumor Conference, St. Jude Children's Research Hospital, Memphis, TN, March 1, 2013 (invited speaker).

19. Childhood Cancer Therapy – More Than Just a Cure, Domestic Affiliate Program's RN-CRA Annual Conference St. Jude Children's Research Hospital, Memphis, TN, August 16-17, 2013 (invited speaker).
20. Options for Surgical Treatment of Pain in Cancer Survivors, Solid Tumor Conference, St. Jude Children's Research Hospital, Memphis, TN, January 31, 2014 (invited speaker).
21. Domestic Affiliate Social Worker Conference: Late Effects in Childhood Cancer Survivors, St. Jude Children's Research Hospital, Memphis, TN, April 2, 2014 (invited speaker).
22. Perspectives on the Spectrum of Late Effects after Childhood Cancer, Director's Rounds, St. Jude Children's Research Hospital, Memphis, TN, June 19, 2015 (invited speaker).
23. Fertility Preservation at St Jude: Past, Present, and Future, Grand Rounds, St. Jude Children's Research Hospital, Memphis, TN, September 8, 2016 (invited speaker).
24. Optimizing Care for the Survivor of Childhood Cancer, Affiliate Physicians' Conference, St. Jude Children's Research Hospital, Memphis, TN, April 7, 2017 (invited speaker).

PROFESSIONAL SERVICE:

International

2012	Reviewer for Cochrane Childhood Cancer Group
2013	Dutch Cancer Society (KWF Kankerbestrijding)
2015	Dutch Heart Foundation
2016	European Commission
2016	Medical Research Council

National

2005-2012	Endocrine/Reproductive Task Force, Children's Oncology Group (COG) Long-Term Follow-Up Guidelines for Survivors of Childhood, Adolescent, and Young Adult Cancers, Co-Chair
2013-present	Urinary Track Task Force, Children's Oncology Group (COG) Long-Term Follow-Up Guidelines for Survivors of Childhood, Adolescent, and Young Adult Cancers, Chair
2008-present	Children's Oncology Group (COG) Long-Term Follow-Up Guidelines Core Working Group, Member
2016-present	American Society of Clinical Oncology, Specialty Editor - Cancer.Net Editorial Board

Local

2009-2011	Masonic Cancer Center Advisory Council to the Minnesota Cancer Alliance, Member
2009-2011	Board Member, Karen Wyckoff Rein in Sarcoma Foundation
2013-present	Patient Care Council (PCC), St. Jude Children's Research Hospital
2014-present	Graduate Medical Education Committee (GMEC), St. Jude Children's Research Hospital
2015-present	Annual Program Evaluation Committee, St. Jude Children's Research Hospital
2015-present	Fellowship Committee, St. Jude Children's Research Hospital
2015-present	Clinical Competency Committee, St. Jude Children's Research Hospital

PEER REVIEW:

Ad Hoc Manuscript Reviewer:

Cancer
Pediatric Blood and Cancer
Journal of Pediatric Hematology/Oncology
Journal of Clinical Oncology
Annals of Oncology
Hormone Research
Cancer Epidemiology, Biomarkers and Prevention
Haematologica

Journal of Clinical Oncology
JAMA
PLOS One
Biology of Blood and Marrow Transplantation

Editorial Board:

Translational Cancer Research

Grant Reviews:

2012-present	Cochrane Childhood Cancer
2013-present	Dutch Cancer Society (KWF Kankerbestrijding)
2015-present	Dutch Heart Foundation
2015-present	National Institute of Health, 2015/2016 - Subcommittee J – Career Development Review Committee (Ad Hoc Reviewer)
2016-present	Medical Research Council

TEACHING AND MENTORING ACTIVITIES:

Clinical Program Advisor, Advisor to 2nd, 3rd, and 4th year medical students

- Kimberly Canfield, MPH - Health System Clinician, Northwestern University Feinberg School of Medicine, Chicago, IL.
- Jessie Roske Internist, CentraCare Health, St Cloud, MN.
- Jake Theis – Radiologist, Veterans Affairs Medical Center, Minneapolis, MN.

Faculty Advisor Pediatric Hematology/Oncology Fellows

- Andrew Dietz, MD. MS – Assistant Professor of Pediatric Oncology, Children’s Hospital Los Angeles, Los Angeles, CA.
- Matthew Ehrhardt, MD, MS – Research Associate, Cancer Survivorship, St. Jude Children’s Research Hospital, Memphis, TN.
- Malek Baassiri, MD – Pediatric Oncologist, Hammoud Hospital University Medical Center, Saida Lebanon
- Nicholas Phillips, MD, PhD – Fellow, Cancer Survivorship, St. Jude Children’s Research Hospital, Memphis, TN

Heme/Onc/BMT Fellow Lecture Series:

- Osteosarcoma
- Ewing’s Sarcoma Family of Tumors
- Hodgkin/Non-Hodgkin Lymphomas
- Late-Effects of Childhood Cancer

Direct Survivorship/ACT Clinic Fellows Rotation, St. Jude Children’s Research Hospital
 Program Director, Survivorship Fellowship, St. Jude Children’s Research Hospital

CLINICAL RESPONSIBILITIES:

After Completion of Care (ACT) Clinic
 Inpatient Attending – Solid Tumor Service