

**Kirsten K. Ness, PT, PhD, FAPTA**  
Department of Epidemiology and Cancer Control  
St. Jude Children's Research Hospital  
262 Danny Thomas Place, MS-735  
Memphis, Tennessee 38105-2794  
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## 1. Current Position at St. Jude

Full Member April 2015-Present  
Department of Epidemiology and Cancer Control  
Comprehensive Cancer Center  
St. Jude Children's Research Hospital  
Memphis, TN

Faculty November 2015-Present  
St. Jude Graduate School of Biomedical Sciences  
Memphis, TN

## 2. Education and Training

BA in Physical Therapy, The College of St. Scholastica, Duluth, MN 08/1983

MA in Leadership, Augsburg College, Minneapolis, MN 04/1998  
*Thesis: Characteristics of effective leaders in skilled nursing facilities*

MPH in Epidemiology, University of Minnesota, Minneapolis, MN 05/2002  
*Thesis: Screening for risk of falls in community dwelling elderly*

PhD in Epidemiology, University of Minnesota, Minneapolis, MN 12/2004  
*Dissertation: Functional limitations in cancer survivors*

## 3. Key Accomplishments Summary

I joined the faculty at St. Jude Children's Research Hospital in 2006 as an Assistant Member. I was promoted to Associate Member in 2010 and to Full Member in 2015. I am a physical therapist and clinical epidemiologist. My research is focused on recognizing, describing, and remediating functional limitations in childhood cancer survivors. This includes determining the extent to which the disease and/or its treatment have left childhood cancer survivors with organ system deficits that immediately or eventually interfere with their abilities to participate in normal movement, and thus restrict participation in school, work, leisure time, physical activity, and sport. My work uses epidemiological, clinical, and laboratory approaches to evaluate and describe physical performance, fitness, and physiologic reserve. This work has also helped me determine risk factors for and identify potential biological mechanisms responsible for the impairments that result in, functional loss. Data from epidemiologic and clinical investigations have allowed me to understand the specific physical limitations and fitness deficits experienced by children during cancer therapy and by childhood cancer survivors, to identify those most at risk for developing limitations, and to develop interventions designed to prevent physical disability or restore physical health. My more recent work with computational biology and laboratory investigators has allowed me to begin to document the biological processes potentially responsible for the loss of physiologic reserve (frailty) in childhood cancer survivors. My Human Performance Laboratory offers me the opportunity to collaborate with other investigators who are also interested in physiological impairments and problems with movement and physical function. I am a member of the Childhood Cancer Survivor Study (CCSS) Steering, Executive and Publications Committees, the Children's Oncology Group Survivorship and Outcomes Steering Committee and the Oncology Section of the American Physical Therapy Association Research Committee. I serve on the Editorial Boards of the Journal of Pediatric Blood and Cancer, Physical Therapy, Pediatric Physical Therapy and Journal of Cancer Survivorship. I also served for four years as a member of the Clinical Management of Patients in Community-Based Settings Study Section for the National Institutes of Health (NIH), and have served as an ad hoc

member of several Special Emphasis Panels for the NIH and other granting agencies. At St. Jude, I am the co-chair of the Global Working Group for the Cancer Prevention and Control Program, serve as the faculty representative to the Federal Demonstration Partnership, and am a member of the Clinical Trials Scientific Review Committee (CTSRC) and the CTSRC Behavioral and Psychosocial Sub-committee. I also teach the Introduction to Epidemiology course for the Master of Clinical Investigation program at St. Jude. In the department of Epidemiology and Cancer Control, I manage all data requests for the St. Jude Lifetime Cohort data and supervise the workflow of the analytic team. I also manage internal requests for CCSS and other data. In July of 2021, I assumed the role of MPI with Melissa Hudson for the St. Jude Life (SJLIFE) Cohort Study.

#### 4. Professional Career

Physical Therapist High Plains Easter Seals Rehabilitation Center Sterling, CO	Aug 1983-Aug 1984
Physical Therapist St. Joseph's Medical Center Brainerd, MD	Aug 1984-Aug 1986
Physical Therapist Northwest Rehab, Inc. Redwing, MN	Aug 1986-Aug 1987
Physical Therapist Minnesota Valley Rehabilitation Prior Lake, MN	Aug 1987-Jan 1992
Physical Therapist Capernaum Pediatric Physical Therapy Minneapolis, MN	Jan 1992-Jan 1993
Physical Therapist Minneapolis Children's Medical Center Minneapolis, MN	Jan 1993-Aug 1994
Rehabilitation Director Rehab Dynamics, Inc. Minneapolis, MN	Aug 1994-June 1998
Instructor Physical Therapy Program University of Minnesota Minneapolis, MN	Jul 1997-July 1998
Assistant Professor and Academic Coordinator of Clinical Education Physical Therapy Program University of Minnesota Minneapolis, MN	Jul 1998-June 2002
Physical Therapist Fairview University Medical Center Minneapolis, MN	Sept 2000-June 2006
Physical Therapist Allina/Intrepid USA Minneapolis, MN	May 2002-Aug 2002
Research Assistant	Aug 2002-Dec 2004

Clinical Research/Epidemiology Division  
Department of Pediatrics  
University of Minnesota Medical School  
Minneapolis, MN

Teaching Assistant  
Division of Epidemiology  
University of Minnesota School of Public Health  
Minneapolis, MN

Assistant Professor  
Doctor of Physical Therapy Program  
St. Catherine University  
Minneapolis, MN

Assistant Professor  
Division of Epidemiology & Clinical Research  
Department of Pediatrics  
University of Minnesota  
Minneapolis, MN

Assistant Member  
Department of Epidemiology and Cancer Control  
St. Jude Children's Research Hospital  
Memphis, TN

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

Full Member  
Department of Epidemiology and Cancer Control  
St. Jude Children's Research Hospital  
Memphis, TN

Program Faculty  
Integrative Biomedical Sciences, Rehabilitation Sciences, PhD Track  
College of Graduate Health Sciences, College of Health Professions  
University of Tennessee Health Science Center  
Memphis, TN

Volunteer Faculty  
Department of Physical Therapy, College of Health Professions  
University of Tennessee Health Science Center  
Memphis, TN

## 5. **Certifications and Licensure**

Physical Therapist License  
Board of Physical Therapy  
State of Minnesota

Geriatric Clinical Specialist  
American Board of Physical Therapy Specialties

Physical Therapist License  
Board of Physical Therapy

Jan 2004-Feb 2004

Aug 2004-June 2005

Jul 2005-Oct 2006

Nov 2006-Apr 2010

Apr 2010-Mar 2015

Apr 2015-Present

Aug 2021-Present

Mar 2022-Present

Aug 1983

May 1999

Nov 2006

Health Professional Boards  
State of Tennessee

## 6. Professional Memberships

American Physical Therapy Association (APTA)-Member	1982-Present
Minnesota Chapter-Member, Continuing Education Committee	1987-2002
Minnesota Chapter-Member, Delegate to the United States National House of Representatives	2000-2004
Minnesota Chapter-Member, President	2002-2004
Minnesota Chapter-Member, Board of Directors	2004-2006
Academy of Oncologic Physical Therapy-Member, Research Committee	2005-Present
Section on Research, Congressional Fly In	2014
Children's Oncology Group (COG)	
Survivorship and Outcomes Steering Committee-Member	2006-Present
Long Term Follow-up Guidelines Steering Committee-Member	2006-Present
Long Term Follow-up Guidelines Musculoskeletal Task Force-Member	2006-Present
Ewing Sarcoma Study Committee-Member	2007-Present
ALTE2013 Study Committee-Member	2019-Present
American Society of Clinical Oncology (ASCO)-Member	2008-Present
Cancer Survivorship Committee	2013-2016
American College of Sports Medicine (ACSM)-Member	2008-Present
American College of Epidemiology (ACE)-Member	2009-Present
American Institute for Cancer Research (AICR)-Member	2017-Present
American Society of Pediatric Hematology and Oncology (ASPHO)-Member	2009-Present
Society for Pediatric Research (SPR)-Member	2009-Present
American Association for Cancer Research (AACR)-Member	2015-Present
American Physiologic Society (APS)-Member	2020-Present

## 7. Editorial Board Appointments

Physical Therapy	2017-Present
Pediatric Physical Therapy, American Physical Therapy Association	2012-Present
Rehabilitation Oncology, American Physical Therapy Association	2012-2020
Journal of Clinical Oncology	2013-2018

Pediatric Blood and Cancer	2016-Present
Journal of Cancer Survivorship	2021-Present

**8. Grant Review/Study Activities**

Health Research Board Ireland	2012, 2013, 2015
Australian National Health and Medical Research Council	2012-2013
Foundation for Physical Therapy	2012-2014
Pediatric Oncology Group of Ontario	2013, 2016, 2017
Dutch Cancer Institute	2013, 2014, 2016, 2017
Alberta Centre for Child, Family, and Community Research	2014
Special Emphasis Panels National Institutes of Health	2015-Present
Center for Scientific Review, Nursing and Related Clinical Research Study Section National Institutes of Health	2016-2018
Center for Scientific Review, Clinical Management of Patients in Community-based Settings National Institutes of Health	2019-2021
American Institute for Cancer Research	2020
NCI Pathway to Independence Award for Outstanding Early Stage Postdoctoral Researchers, RFA-CA-21-060 & RFA-CA-21-061 National Cancer Institute	June 2022
World Cancer Research Foundation	2022

**9. Honors and Awards**

Benedictine Scholar College of St. Scholastica	1979-1983
PODS I Scholarship Foundation for Physical Therapy	2003
Elected Member Society for Pediatric Research (SPR)	2011
Research Award, Oncology Section American Physical Therapy Association (APTA)	2012
Catherine Worthingham Fellow American Physical Therapy Association (APTA)	2015
Team Science Award American Association for Cancer Research (AACR)	2019
Helen J. Hislop Award for Outstanding Contributions to Professional Literature	2020

American Physical Therapy Association (APTA)

Distinguished Lecturer in Cancer Rehabilitation and Survivorship Care Award  
American Congress of Rehabilitation Medicine (ACRM) 2021

#### 10. Institutional and Committee Assignments

Admissions Committee 1997-2002  
Program in Physical Therapy  
University of Minnesota

Curriculum Committee 2000-2002  
Program in Physical Therapy  
University of Minnesota

Cancer Center Protocol Review Committee 2005-2006  
Cancer Center  
University of Minnesota

Program Evaluation Committee 2004-2005  
Program in Physical Therapy  
College of St. Catherine

Curriculum Thread Coordinator (Pharmacology, Ethics, Practice Management) 2004-2005  
Program in Physical Therapy  
College of St. Catherine

Great Places to Work Committee 2007  
St. Jude Children's Research Hospital

Health and Wellness Committee 2007-2008  
St. Jude Children's Research Hospital

Epidemiology and Biostatistics Working Group, Co-chair 2009-2018  
Cancer Control Survivorship Program  
St. Jude Children's Research Hospital

Faculty Representative to Federal Demonstration Partnership 2010-Present  
Grants and Contracts Management Office  
St. Jude Children's Research Hospital

Scientific Review Committee 2013-Present  
St. Jude Children's Research Hospital

Global Outcomes Working Group, Co-chair 2018-Present  
Cancer Control and Survivorship Program  
St. Jude Children's Research Hospital

#### 11. Professional Administrative Services

Cancer Rehabilitation Consortium 2014-2015  
National Cancer Institute  
Bethesda, Maryland

Scientific Steering Committee on Aging 2017-Present  
National Cancer Institute  
Bethesda, Maryland

International Guideline Harmonization Group (IGHG) 2017-Present

Obesity and Bone Task Force	
Judge, Poster Session Postdoctoral Research Symposium St. Jude Children's Research Hospital Memphis, Tennessee	January 2022
Session Leader, ALTE1631 Children's Oncology Group Winter Meeting	April 2022
Co-Moderator; Premature Aging and Lifestyle International Symposium on Late Complications After Childhood Cancer (ISLCCC)	July 2022
Moderator; Workshop D: Moving beyond survival: Rehabilitation options for brain tumour survivors POGO Multidisciplinary Symposium on Childhood Cancer: Central Nervous System Tumors	November 2022

## 12. Formal Education/Teaching Activities

### University Teaching

Therapeutic Procedures Role: Course Coordinator & Instructor University of Minnesota Minneapolis, Minnesota	1997-2001
Administration Role: Lecturer University of Minnesota Minneapolis, Minnesota	1997-2001
Electrotherapy Role: Course Coordinator & Instructor University of Minnesota Minneapolis, Minnesota	1998-1999
Human Growth and Development Role: Co-instructor University of Minnesota Minneapolis, Minnesota	1998-2000
Clinical Internships Role: Academic Coordinator of Clinical Education University of Minnesota Minneapolis, Minnesota	1998-2002
Professional Issues in Physical Therapy Role: Course Coordinator & Instructor University of Minnesota Minneapolis, Minnesota	1999-2002
Total Contact Casting Role: Instructor University of Minnesota Minneapolis, Minnesota	2000
Wound Management Role: Instructor	2000-2001

University of Minnesota Minneapolis Minnesota	
Long Term Care II Role: Course Coordinator & Instructor St. Catherine University St. Paul, Minnesota	2004
Acute Care II Role: Course Coordinator & Instructor St. Catherine University St. Paul, Minnesota	2004
Amputee Clinic Role: Course Coordinator & Instructor St. Catherine University St. Paul, Minnesota	2005
Physical Therapy Management Role: Course Coordinator & Instructor St. Catherine University St. Paul, Minnesota	2005
Fundamentals of Epidemiology Role: Instructor University of Minnesota Minneapolis, Minnesota	2006
Fundamentals of Epidemiology Role: Instructor University of Tennessee Health Science Center Memphis, Tennessee	2007
Professional Development Seminar Role: Co-instructor Northern Arizona University Flagstaff, Arizona	2007-2008
Fundamentals of Epidemiology Role: Instructor University of Tennessee Health Science Center Memphis, Tennessee	2008
Cancer Epidemiology Role: Instructor University of Memphis Memphis, Tennessee	Spring 2013
Introduction to Epidemiology Master of Science in Global Child Health (MSc-GCH) Program Role: Instructor, Course Coordinator St. Jude Graduate School of Biomedical Sciences Memphis, Tennessee	2019-Present
Introduction to Epidemiology Master of Science in Clinical Investigation (MSc-CI) Program Role: Instructor, Course Coordinator St. Jude Graduate School of Biomedical Sciences Memphis, Tennessee	2021-Present



## Professional Continuing Education Courses

Frailty and Function in the Geriatric Population Role: Instructor Area Agency on Aging Minneapolis, Minnesota	Jan 2000
Geriatric Strength Training Role: Instructor Area Agency on Aging Minneapolis, Minnesota	Apr 2000
Web Resources for Pediatric Physical Therapy Role: Instructor Minnesota Chapter American Physical Therapy Association (APTA) Minneapolis, Minnesota	Apr 2000
Proprioceptive Neuromuscular Facilitation Role: Instructor Fairview Rehabilitation Services Minneapolis, Minnesota	Feb 2001
Osteoporosis Role: Instructor University of Minnesota, Christ Community Health Fair Minneapolis, Minnesota	May 2001, Sept 2004
Electrical Stimulation for Movement and Pain Management Role: Instructor Empi, Inc.; Peak Function Marinette, Wisconsin, Minneapolis, Minnesota, Milwaukee, Wisconsin, Fargo, North Dakota, Kansas City, Missouri	Oct 2001, Mar 2002, Oct 2002, Sept 2003, Oct 2003
Bradykinesia Role: Instructor University of Minnesota Minneapolis, Minnesota	Dec 2001
Pharmacology in Rehabilitation Role: Instructor Peak Function, Minnesota Chapter of the American Physical Therapy Association Minneapolis, Minnesota, Phoenix, Arizona, Des Moines, Iowa, St. Cloud, Minnesota, Kansas City, Missouri, Minneapolis, Minnesota	Nov 2002, Feb 2003, Mar 2003, Apr 2003, May 2003, Sept 2004
Rehabilitation for the Active Geriatric Client Role: Instructor Peak Function Des Moines, Iowa, St. Cloud, Minnesota, Minneapolis, Minnesota	September 2003, October 2003, February 2004
Physical Therapy Management of the Diabetic Patient Role: Instructor Minnesota Chapter American Physical Therapy Association (APTA) Minneapolis, Minnesota	Nov 2003
Wound Management Role: Instructor	Dec 2003

Minnesota Chapter  
American Physical Therapy Association (APTA)  
Minneapolis, Minnesota

Evidence in Practice  
Role: Instructor  
Minnesota Chapter  
American Physical Therapy Association (APTA)  
Minneapolis, Minnesota

Mar 2004, Feb 2005, Apr  
2005, Jan 2005, Apr  
2005, Sept 2005, Nov  
2005

Rehabilitation of the Cancer Patient  
Role: Instructor  
Extendicare  
New Brighton, Minnesota

June 2005

Evidence Based Interventions in Public Health  
Role: Instructor  
Area Agencies on Aging  
St. Paul, Minnesota

Jan 2006

### **Graduate and Post-Doctoral Students, Fellows**

Rachel Bakken  
Masters Student  
Role: Committee Member, Mentor  
Thesis Title: Effect of aerobic exercise on tracking performance in elderly people: A pilot study  
University of Minnesota, Minneapolis, Minnesota

2000 (Graduated)

Trevor Erlandson  
Masters Student  
Role: Committee Member, Mentor  
Thesis Title: Effect of aerobic exercise on tracking performance in elderly people: A pilot study  
University of Minnesota, Minneapolis, Minnesota

2000 (Graduated)

Jennifer Hake  
Masters Student  
Role: Committee Member  
Thesis Title: Effect of aerobic exercise on tracking performance in elderly people: A pilot study  
University of Minnesota, Minneapolis, Minnesota

2000 (Graduated)

Todd Intihar  
Masters Student  
Role: Committee Member  
Thesis Title: Effect of aerobic exercise on tracking performance in elderly people: A pilot study  
University of Minnesota, Minneapolis, Minnesota

2000 (Graduated)

Chris Kramer  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Meta-analysis of the efficacy of vestibular rehabilitation  
University of Minnesota, Minneapolis, Minnesota

2000 (Graduated)

Kathy Moody  
Masters Student  
Role: Committee Member, Advisor

2000 (Graduated)

Thesis Title: Meta-analysis of the efficacy of vestibular rehabilitation  
University of Minnesota, Minneapolis, Minnesota

Brian Maldanodo 2000 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Quality of life outcomes and physical therapy treatment in patients with osteoarthritis  
University of Minnesota, Minneapolis, Minnesota

Jodi Nelson 2000 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Quality of life outcomes and physical therapy treatment in patients with osteoarthritis  
University of Minnesota, Minneapolis, Minnesota

Jeannine Kayser Scheetz 2000 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Meta-analysis of the efficacy of vestibular rehabilitation  
University of Minnesota, Minneapolis, Minnesota

Alan Lindblad 2000 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Meta-analysis of the efficacy of vestibular rehabilitation  
University of Minnesota, Minneapolis, Minnesota

Christy Lohn 2000 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Meta-analysis of the efficacy of vestibular rehabilitation  
University of Minnesota, Minneapolis, Minnesota

Laurel McQueen 2000 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Meta-analysis of the efficacy of vestibular rehabilitation  
University of Minnesota, Minneapolis, Minnesota

Heidi Paulson 2000 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Meta-analysis of the efficacy of vestibular rehabilitation  
University of Minnesota, Minneapolis, Minnesota

Amy Pegors 2000 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Meta-analysis of the efficacy of vestibular rehabilitation  
University of Minnesota, Minneapolis, Minnesota

Brynn Bate 2001 (Graduated)  
Masters Student  
Role: Committee Member, Advisor  
Thesis Title: Joint repositioning accuracy in the lower extremities of non-impaired subjects  
University of Minnesota, Minneapolis, Minnesota

<p>Kristina Lund  Masters Student  Role: Committee Member, Advisor  Thesis Title: Joint repositioning accuracy in the lower extremities of non-impaired subjects  University of Minnesota, Minneapolis, Minnesota</p>	<p>2001 (Graduated)</p>
<p>Kathy Boley  Masters Student  Role: Committee Member, Advisor  Thesis Title: Joint repositioning accuracy in the lower extremities of non-impaired subjects  University of Minnesota, Minneapolis, Minnesota</p>	<p>2001 (Graduated)</p>
<p>Jennifer Hansen  Masters Student  Role: Committee Member, Advisor  Thesis Title: Joint repositioning accuracy in the lower extremities of non-impaired subjects  University of Minnesota, Minneapolis, Minnesota</p>	<p>2001 (Graduated)</p>
<p>Eva Rychly  Masters Student  Role: Co-advisor  Thesis Title: The effects of a physical therapist designed strengthening and aerobic conditioning program on strength, balance and physical performance in individuals with chronic alcoholism  University of Minnesota, Minneapolis, Minnesota</p>	<p>2001 (Graduated)</p>
<p>Heather Knoebel  Masters Student  Role: Co-advisor  Thesis Title: The effects of a physical therapist designed strengthening and aerobic conditioning program on strength, balance and physical performance in individuals with chronic alcoholism  University of Minnesota, Minneapolis, Minnesota</p>	<p>2001 (Graduated)</p>
<p>Becky Jakala  Masters Student  Role: Committee Member  Thesis Title: Vestibulo-ocular reflex suppression and risk for falling in elderly females  University of Minnesota, Minneapolis, Minnesota</p>	<p>2002 (Graduated)</p>
<p>Leanne Keplinger  Masters Student  Role: Committee Member  Thesis Title: Vestibulo-ocular reflex suppression and risk for falling in elderly females  University of Minnesota, Minneapolis, Minnesota</p>	<p>2002 (Graduated)</p>
<p>Eileen Palattao  Masters Student  Role: Committee Member  Thesis Title: Vestibulo-ocular reflex suppression and risk for falling in elderly females  University of Minnesota, Minneapolis, Minnesota</p>	<p>2002 (Graduated)</p>

<p>Mike Stay  Masters Student  Role: Committee Member  Thesis Title: Vestibulo-ocular reflex suppression and risk for falling in elderly females  University of Minnesota, Minneapolis, Minnesota</p>	<p>2002 (Graduated)</p>
<p>Ryan Koepp  Masters Student  Role: Committee Member  Thesis Title: Reliability and validity of 1RM testing in older persons  University of Minnesota, Minneapolis, Minnesota</p>	<p>2003 (Graduated)</p>
<p>Sara Kragerud  Masters Student  Role: Committee Member  Thesis Title: Reliability and validity of 1RM testing in older persons  University of Minnesota, Minneapolis, Minnesota</p>	<p>2003 (Graduated)</p>
<p>Trisha Gehler  Masters Student  Role: Committee Member  Thesis Title: Reliability and validity of 1RM testing in older persons  University of Minnesota, Minneapolis, Minnesota</p>	<p>2003 (Graduated)</p>
<p>Summer Eid  Masters Student  Role: Committee Member  Thesis Title: Reliability and validity of 1RM testing in older persons  University of Minnesota, Minneapolis, Minnesota</p>	<p>2003 (Graduated)</p>
<p>Kari Overton  Professional Doctorate  Role: Co-advisor  Thesis Title: The beliefs of men and women over the age of 65 about age and gender appropriateness of selected physical activities  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2005 (Graduated)</p>
<p>Jennifer Gilles  Professional Doctorate  Role: Co-advisor  Thesis Title: The beliefs of men and women over the age of 65 about age and gender appropriateness of selected physical activities  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2005 (Graduated)</p>
<p>Barbara Stanley  Professional Doctorate Student  Role: Co-advisor  Thesis Title: The beliefs of men and women over the age of 65 about age and gender appropriateness of selected physical activities  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2005 (Graduated)</p>
<p>Kathy Nelson  Professional Doctorate  Role: Co-advisor  Thesis Title: The beliefs of men and women over the age of 65 about age and gender appropriateness of selected physical activities  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2005 (Graduated)</p>

<p>Sarah Jerstad  Post-doctoral Student  Role: Project Director  Thesis Title: The impact of physical activity and body image on depression and depressive symptoms over time in adolescent girls  University of Minnesota, Minneapolis, Minnesota</p>	<p>2006 (Graduated)</p>
<p>Allison Brachlow  Medical Fellow  Role: Committee Member  Thesis Title: The medical home for families of children with autism spectrum disorder  University of Minnesota, Minneapolis, Minnesota</p>	<p>2007 (Graduated)</p>
<p>Stephen Austria  Professional Doctorate  Role: Committee Chair  Thesis Title: Strength, functional capacity, and mobility among adult survivors of childhood acute lymphoblastic leukemia and age and gender matched controls  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2007 (Graduated)</p>
<p>Rachel Davis  Professional Doctorate  Role: Committee Chair  Thesis Title: Strength, functional capacity, and mobility among adult survivors of childhood acute lymphoblastic leukemia and age and gender matched controls  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2007 (Graduated)</p>
<p>Daniel Day  Professional Doctorate  Role: Committee Chair  Thesis Title: Strength, functional capacity, and mobility among adult survivors of childhood acute lymphoblastic leukemia and age and gender matched controls  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2007 (Graduated)</p>
<p>Jennifer Huntzinger  Professional Doctorate  Role: Committee Chair  Thesis Title: Strength, functional capacity, and mobility among adult survivors of childhood acute lymphoblastic leukemia and age and gender matched controls  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2007 (Graduated)</p>
<p>Nate Lee  Professional Doctorate  Role: Committee Chair  Thesis Title: Strength, functional capacity, and mobility among adult survivors of childhood acute lymphoblastic leukemia and age and gender matched controls  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2007 (Graduated)</p>
<p>Cindy Sonntag  Professional Doctorate  Role: Committee Chair  Thesis Title: Strength, functional capacity, and mobility among adult survivors of childhood acute lymphoblastic leukemia and age and gender matched controls  College of St. Catherine, Saint Paul, Minnesota</p>	<p>2007 (Graduated)</p>
<p>Beth Kurt  Medical Fellow  Role: Committee Member</p>	<p>2008 (Graduated)</p>

<p>Thesis Title: Hospitalization rates in childhood cancer survivors  University of Tennessee Health Sciences Center, Memphis, Tennessee</p>	
<p>Roxanna Gapstur  Doctoral Student  Role: Committee Member  Thesis Title: Sleep and quality of life in childhood brain tumor survivors  University of Minnesota, Minneapolis, Minnesota  Current position: President and Chief Executive Officer, WellSpan Health</p>	2010 (Graduated)
<p>Adam Pignon  Professional Doctorate  Role: Committee Member, Project Director  Thesis Title: Fitness in adolescents with hematological disorders  University of Tennessee Health Sciences Center, Memphis, Tennessee</p>	2010 (Graduated)
<p>Laura Barclay  Professional Doctorate  Role: Committee Member, Project Director  Thesis Title: Fitness in adolescents with hematological disorders  University of Tennessee Health Sciences Center, Memphis, Tennessee</p>	2010 (Graduated)
<p>April Batts  Professional Doctorate  Role: Committee Member, Project Director  Thesis Title: Fitness in adolescents with hematological disorders  University of Tennessee Health Sciences Center, Memphis, Tennessee</p>	2010 (Graduated)
<p>Laura Ashbridge  Professional Doctorate  Role: Committee Member, Project Director  Thesis Title: Fitness in adolescents with hematological disorders  University of Tennessee Health Sciences Center, Memphis, Tennessee</p>	2010 (Graduated)
<p>Leah Andrews  Professional Doctorate  Role: Committee Member, Project Director  Thesis Title: Fitness in adolescents with hematological disorders  University of Tennessee Health Sciences Center, Memphis, Tennessee</p>	2010 (Graduated)
<p>Kathryn Barry  Professional Doctorate  Role: Committee Member, Project Director  Thesis Title: The effects of ankle foot orthoses on gait efficiency in children with chemotherapy induced motor neuropathy  University of Tennessee Health Sciences Center, Memphis, Tennessee</p>	2010 (Graduated)
<p>Ashleigh Bingham  Professional Doctorate  Role: Committee Member, Project Director  Thesis Title: The effects of ankle foot orthoses on gait efficiency in children with chemotherapy induced motor neuropathy  University of Tennessee Health Sciences Center, Memphis, Tennessee</p>	2010 (Graduated)
<p>Katie Freeman  Professional Doctorate  Role: Committee Member, Project Director  Thesis Title: The effects of ankle foot orthoses on gait efficiency in children with chemotherapy induced motor neuropathy</p>	2010 (Graduated)

University of Tennessee Health Sciences Center, Memphis, Tennessee

Kristyn Gumz 2010 (Graduated)  
Professional Doctorate  
Role: Committee Member, Project Director  
Thesis Title: The effects of ankle foot orthoses on gait efficiency in children with chemotherapy induced motor neuropathy  
University of Tennessee Health Sciences Center, Memphis, Tennessee  
Current position: Principal Associate Scientist, Biomarkers and Clinical Assay Development, 2seventy Bio

Jessica Welker 2010 (Graduated)  
Professional Doctorate  
Role: Committee Member, Project Director  
Thesis Title: The effects of ankle foot orthoses on gait efficiency in children with chemotherapy induced motor neuropathy  
University of Tennessee Health Sciences Center, Memphis, Tennessee

Mary Sue Ingman 2011 (Graduated)  
Doctoral Student  
Role: Dissertation Committee Chair  
Thesis Title: The relationship between physical activity and quality of life in adults after bariatric surgery  
Rocky Mountain University of Health Professions, Provo, Utah  
Current position: Doctor of Physical Therapy Program, Henrietta Schmoll School of Health, St Catherine University

Tseng Tien Huang 2011 (Graduated)  
Post-Doctoral Student  
Role: Mentor  
Project Title: The effects of childhood cancer and its treatment on pulmonary function  
St. Jude Children's Research Hospital, Memphis, Tennessee  
Current position: Physical Therapist, Norman, OK

Tina Chang 2013 (Graduated)  
Masters Student  
Role: Committee Member  
Thesis Title: Physical activity for children undergoing Hematopoietic Stem Cell Transplantation (HSCT)  
The University of New South Wales  
Sydney, NSW, Australia

Carmen Wilson 2014 (Graduated)  
Post-Doctoral Student  
Role: Mentor  
Project Title: Genome-wide investigations of the late effects of therapy among survivors of childhood cancer  
St. Jude Children's Research Hospital, Memphis, Tennessee  
Current role: Assistant Member, Department of Epidemiology and Cancer Control, St. Jude Children's Research Hospital

Prasad Gawade 2014 (Graduated)  
Post-Doctoral Student  
Role: Mentor  
Project Title: Internet intervention to promote physical activity in young adolescent survivors of childhood ALL  
St. Jude Children's Research Hospital, Memphis, Tennessee  
Current role: Senior Director, Vertex Pharmaceuticals



<p>Carrie R. Howell          Doctoral Student          Role: Committee Member          Project Title: Obesity and mortality in Hispanics          University of Alabama at Birmingham, Birmingham, Alabama          Current position: Instructor, Department of Medicine, Division of Preventive          Medicine, University of Alabama at Birmingham</p>	<p>2015 (Graduated)</p>
<p>Hesham Eissa          Oncology Fellow          Role: Mentor          Project Title: Function and quality of life in survivors of pediatric Hematopoietic          Stem Cell Transplantation (HSCT)          St. Jude Children's Research Hospital, Memphis, Tennessee          Current position: Assistant Professor, Department of Pediatrics, Bone Marrow          Transplant, University of Colorado-Denver</p>	<p>Completed 2016</p>
<p>Troels Thorsteinsson          Doctoral Candidate          Role: Thesis Opponent          Project Title: Rehabilitation including social and physical activity in children and          teenagers with cancer          Graduate School of Health and Medical Sciences, University of Copenhagen          Copenhagen, Kingdom of Denmark          Current position: Associate Professor, University of Copenhagen</p>	<p>2017 (Graduated)</p>
<p>Hannah Williams          MPH Student          Role: Mentor          Project Title: Clinical predictors of Type II diabetes in survivors of childhood          leukemia          St. Jude Children's Research Hospital, Memphis, Tennessee</p>	<p>2017 (Graduated)</p>
<p>Kelly McCastlain          MPH Student          Role: Mentor          Project Title: Mitochondrial copy number and frail health in childhood cancer          survivors          St. Jude Children's Research Hospital, Memphis, Tennessee</p>	<p>2018 (Graduated)</p>
<p>Emma Chase          MPH Student          Role: Mentor          Project Title: Prevalence of disordered balance in adult survivors of childhood          cancer and its contributions to overall function          St. Jude Children's Research Hospital, Memphis, Tennessee</p>	<p>2018 (Graduated)</p>
<p>Kari Bjornard          Oncology Fellow          Role: Mentor          Project Title: Psychosexual health in female survivors of childhood cancer          St. Jude Children's Research Hospital, Memphis, Tennessee          Current position: Physician, General Pediatric Hematology &amp; Oncology, Riley          Children's Hospital</p>	<p>Completed 2019</p>
<p>Seyedeh Mitra Varedi Kolaei          Pre-doctoral Student          Role: Mentor</p>	<p>2019 (Graduated)</p>

Project Title: Postural control in childhood ALL survivors  
St. Jude Children's Research Hospital, Memphis, Tennessee  
Current position: Clinical Research Associate II, Department of Epidemiology and Cancer Control, St. Jude Children's Research Hospital

Tejaswi Kandula 2019 (Graduated)

Role: Thesis Examiner

Project Title: Chemotherapy induced peripheral neuropathy in children  
University of New South Wales, Sydney, New South Wales, Commonwealth of Australia

Current position: Associate Lecturer, School of Women's and Children's Health, University of New South Wales

Samah Hayek Completed 2019

Post-Doctoral Student

Role: Mentor

Project Title: Characteristics of childhood cancer survivors with frail health

St. Jude Children's Research Hospital, Memphis, Tennessee

Current position: Senior Epidemiologist/Researcher, Clalit Research Institute

Christian R. Alvarado 2021 (Graduated)

Doctoral Student

Role: Thesis Committee Member

Project Title: Dietary inflammation in childhood cancer survivors

University of South Carolina, Columbia, South Carolina

Current position: Assistant Professor, Department of Epidemiology and Biostatistics, University of Texas Health Science Center at Tyler

Alexander Weingart Completed 2020

Pre-Doctoral Student

Role: Lab Rotation

Project title: Association between p16 expression and exercise tolerance

St. Jude Graduate School of Biomedical Sciences, Memphis, Tennessee

Current position: St. Jude Graduate School of Biomedical Sciences

Boudewijn Boon 2020 (Graduated)

Doctoral Student

Role: Thesis Defense

Project title: Playscapes: Creating space for young children's physical activity and play

Delft University of Technology, Delft, The Netherlands

Current position: Postdoctoral design researcher, Amsterdam University of Applied Sciences

Chelsea Goodenough 2019-Present

Post-Doctoral Student

Role: Mentor

Project Title: Muscle health in childhood cancer patients and survivors

St. Jude Children's Research Hospital, Memphis, Tennessee

Jaspreet Sodhi Completed 2020

Post-Doctoral Student

Role: Mentor

Project Title: Host, treatment, and clinical predictors of hearing loss and vestibular dysfunction in childhood cancer survivors

St. Jude Children's Research Hospital, Memphis, Tennessee

Current position: Research Assistant, University of Texas

Matthew Wogksch 2020-2022 (Graduated)

<p>Pre-Doctoral Student  Role: Mentor  Project Title: Associations between physical fitness and chronic disease in childhood cancer survivors  University of Memphis, Memphis, Tennessee  Current position: Senior Exercise Physiologist, Department of Epidemiology and Cancer Control, St. Jude Children's Research Hospital</p>	
<p>Martin Kaj Fridh Nielsen  Doctoral Student  Role: Thesis Opponent  Project Title: Supervised in-hospital physical activity that includes healthy classmates as ambassadors in children and adolescents with cancer-A RESPECT Thesis  University of Copenhagen, Copenhagen, Kingdom of Denmark  Current position: Postdoctoral Research Associate Fellow, University Hospital of Copenhagen</p>	2020 (Graduated)
<p>James Sorenson  Doctoral Student  Role: Dissertation Examiner  Project Title: Therapeutic efficacy of a Co-Q10 analogue in combating cachexia and mortality induced by gold-standard paediatric chemotherapy regimens  Victoria University  Melbourne, Victoria, Commonwealth of Australia  Current position: Postdoctoral Research Associate Fellow, Victoria University; Seasonal Instructor, Swinburne University of Technology</p>	2020 (Graduated)
<p>Kelly Rentscher  CCSS Career Development Award recipient  Role: Mentor  Project title: Psychological distress, social functioning and phenotypic aging in adult survivors of childhood cancer  University of California at Los Angeles, Los Angeles, California</p>	2020-Present
<p>Lindsey Schwartz  Medical Fellow  Role: Scholarship Oversight Committee Member  Project title: Adverse child events in childhood cancer survivors  University of Chicago, Chicago, Illinois  Current position: Medical Fellow, University of Chicago</p>	Completed 2021
<p>Elizabeth Foley  Post-Doctoral Student  Role: Mentor  Project Title: Examining the impact of diet on health in childhood cancer survivors  St. Jude Children's Research Hospital, Memphis, Tennessee  Current position: Medical Research Analyst, MedSphere Corporation</p>	Completed 2021
<p>Ahmad Moussa AlokI  Role: Thesis Committee Chair  Project Title: Analysis of under 5 mortality in Egypt for sustainable and equitable reduction  St. Jude Children's Research Hospital, Memphis, Tennessee</p>	2020 (Graduated)
<p>Rozalyn Rodwin  Researcher  Role: Consultant  Project Title: A symptom-based survey to screen for peripheral neuropathy in</p>	2021-2023

childhood cancer patients. The William O. Seery Mentored Research Award for Cancer Research submitted to the Patterson Trust Mentored Research Award: Clinical, Health Services and Policy Research.  
 Yale School of Medicine Yale University, New Haven, Connecticut  
 Current position: Instructor, Pediatrics (Hematology/Oncology) Yale School of Medicine Yale University

Megan Ware 2021-Present  
 Post-Doctoral Student  
 Role: Mentor  
 Project Title: The impact of acute exercise response on physical activity engagement in childhood cancer survivors  
 St. Jude Children's Research Hospital, Memphis, Tennessee

Genevieve Lambert 2021-Present  
 Doctoral Student  
 Role: Mentor / Chair  
 Project Title: Infection in long term survivors of childhood cancer  
 University of Tennessee Health Sciences Center Graduate School  
 Integrated Biomedical Sciences Tract, Memphis, Tennessee

David Mizrahi 2022-Present  
 Fulbright Scholar  
 Role: Mentor  
 Project Title: The association between muscle health and cardiopulmonary fitness in children and adolescents after cancer therapy  
 St. Jude Children's Research Hospital, Memphis, Tennessee

Alhassan Abdul-Mumin 2022 (Graduated)  
 Graduate Student  
 Role: Thesis Committee Chair  
 Project Title: A project to enhance newborn screening for sickle cell disease and conduct a prospective cohort study based on a pilot screening program in northern Ghana  
 St. Jude Graduate School of Biomedical Sciences, Memphis, Tennessee  
 Current position: St. Jude Graduate School of Biomedical Sciences, Memphis, Tennessee

### 13. Grant Awards

#### A. Active/Funded Grants

U24CA055727, NIH/NCI Armstrong (PI) 07/1993-11/2026  
 Childhood Cancer Survivor Study (CCSS)  
 The major goal of this study is to test a series of specific hypotheses related to treatment-specific sequelae in survivors of childhood cancer.  
 Status of support: Active  
 Role: Co-Investigator, Steering Committee Member  
 Total award amount: \$29,172,340  
 Percentage of effort: 5% calendar year

U01CA195547, NCI Hudson/Ness (MPI) 07/2015-06/2025  
 St. Jude Lifetime Cohort (SJLIFE)  
 Accelerate the rate of discovering in survivorship research by establishing an innovative cloud-based data sharing platform to make clinical and genomic data from the SJLIFE cohort available to the global research community. Investigate the genetic contributions and pathophysiology of treatment-associated adverse long-term outcomes among survivors of childhood cancer. Serve as the primary data source for the establishment of a portfolio of validated risk prediction models for clinical use in the management of pediatric cancer

patients from the time of diagnosis through survivorship. Maintain and enhance the SJLIFE cohort as a unique and highly productive resource for pediatric cancer survivorship research.

Status of support: Active

Role: MPI

Total award amount: \$6,362,516

Percentage of effort: 30% calendar year

R01CA193478, NCI Ness (PI) 07/2016-06/2023

Web-based physical activity intervention for children with ALL (COG ALL Stars)

To evaluate the effects of an interactive web-based physical activity intervention on fitness, markers of cardiometabolic health, physical activity, quality of life, fatigue, and school attendance among children/adolescents following treatment for ALL. To determine if the effects of an interactive web-based physical activity intervention on markers of cardiometabolic health are mediated by changes in fitness among children among children and adolescents following treatment for ALL.

Status of support: Active

Role: Principal Investigator

Total award amount: \$4,409,799

Percentage of effort: 25% calendar year

R01CA215405, NCI Krull (PI) 08/2017-07/2023

Sleep apnea in survivors of childhood cancer treated with thoracic radiation (APNEA)

To compare the frequency of obstructive sleep apnea in adult survivors of childhood cancer treated with thoracic radiation compared to age, gender and race matched community controls, to identify specific therapeutic factors associated with obstructive sleep apnea in adult survivors of childhood cancer treated with thoracic radiation, To examine cardiac, pulmonary, central nervous system, and neuromuscular morbidity in adult survivors with versus without obstructive.

Status of support: Active

Role: Other Significant Contributor

Total award amount: \$3,015,630; supplemental \$448,750

Percentage of effort: 0% calendar year

U01CA246510 Armstrong (PI) 09/2020-08/2023

Sen-Survivors: A placebo-controlled intervention trial for frailty and senescence

To test the efficacy of senolytic agents (combination of Dasatinib plus Quercetin, and Fisetin alone) to improve the following measures: Frailty measures based on the Fried criteria, senescent cell abundance in blood, markers of inflammation, insulin resistance bone resorption and cognitive function.

Status of support: Active

Role: Co-Investigator

Total award amount: \$2,277,711

Percentage of effort: 5% calendar year

U01CA246570, NCI Ness/Jefferies (PI) 09/2020-08/2023

Telehealth based exercise intervention to improve functional capacity in survivors of childhood cancer with significantly limited exercise tolerance (CARTOXIII)

To determine the efficacy of an individually tailored, home-delivered aerobic, and strengthening intervention to improve exercise capacity in survivors of childhood cancer with exercise intolerance. To determine the effects of an individually tailored, home-delivered aerobic, and strengthening intervention on measures of cardiac, pulmonary, musculoskeletal, and neurosensory function in survivors of childhood cancer with exercise intolerance.

Status of support: Active

Role: Principal Investigator

Total award amount: \$2,101,865

Percentage of effort: 18% calendar year

Conquer Cancer, Career Development Award Dixon (PI) 07/2021-06/2024  
(CDA), ASCO

PreDM: A single-arm, open-label, pilot intervention trial for diabetes prevention among prediabetic survivors of childhood cancer

To propose a single-arm, open-label, pilot intervention trial for diabetes prevention among prediabetic

survivors of childhood cancer addresses a critical issue for survivors of childhood cancer.

Status of support: Active

Role: Co-Investigator

Total award amount: \$200,000

Percentage of effort: 2% calendar year

R01CA258193, NCI Huang/Yasui (PI) 07/2021-06/2027

Patient-generated health data to predict childhood cancer survivorship outcomes (Healthshare)

Develop risk predictive models for future QOL through a mHealth platform to collect daily symptom and a wrist-worn accelerometer to collect activity/behavioral data over a 3-month period. Develop risk predictive models for other outcomes (unplanned care utilizations, human performance deficits, onsets of chronic health conditions) .Create a web-based tool to automatically calculate and report personalized risk of adverse outcomes and integrate predicted risks into patient portal and EHRs.

Status of support: Active

Role: Co-Investigator

Total award amount: \$3,603,068

Percentage of effort: 5% calendar year

R01CA254955, NCI Mostoufi-Moab/Ness (PI) 09/2021-08/2026

Intensive tailored exercise training with NAD+ precursor supplementation to improve muscle mass and fitness in adolescent and young adult survivors of hematopoietic stem cell transplantation

The aims of this study are to measure the effect of combination administration (NR + exercise) on skeletal muscle mass, OXPHOS capacity, strength and aerobic capacity in AYA HCT survivors.

Status of support: Active

Role: Co-Investigator, Intervention Site PI

Total award amount: \$681,772

Percentage of effort: 5% calendar year

14605421, Chinese University of Hong Kong Ting (PI) 01/2022-01/2024

The mechanistic role of "premature aging" in cognitive and behavioral outcomes in survivors of childhood cancer

Status of support: Active

Role: Co-Investigator

Total award amount: \$522,566

Percentage of effort: 0% calendar year

R21 CA261713, NIH Dixon/Ness (PI) 08/2022-07/2024

PreDM: An adaptive, open-label, pilot intervention trial for diabetes prevention

A single-arm, open-label, pilot intervention trial for diabetes prevention among prediabetic survivors of childhood cancer addresses a critical issue for survivors of childhood cancer.

Status of support: Active

Role: Co-Principal Investigator

Total award amount: \$458,997

Percentage of effort: 10% calendar year

R61CA280971, NCI Brinkman (PI) 12/2022-11/2027

Culturally adapted mobile treatment of chronic pain in adolescent survivors of pediatric bone sarcoma

To leverage stakeholder feedback to adapt and culturally tailor an evidence-based mobile cognitive behavioral therapy intervention for chronic pain, separately for Black and Hispanic adolescent survivors of childhood bone sarcoma with chronic pain. To assess the feasibility of delivering mobile cognitive-behavioral therapy and remote transcranial direct current stimulation to a racially/ethnically and geographically diverse sample of adolescent survivors of childhood sarcoma with chronic pain.

Status of support: Active

Role: Other Significant Contributor

Total award amount: \$4,713,795

Percentage of effort: 5% calendar year

## B. Pending Grants

ACS Discovery Boost, American Cancer Society      Phillips (PI)      01/2023-12/2024  
Investigation of exercise intolerance, cerebral perfusion, and related neurocognitive outcomes in Hodgkin Lymphoma Survivors  
To identify demographic, treatment and cardiopulmonary conditions associated with exercise intolerance (VO2 max) among survivors of Hodgkin Lymphoma. To examine the degree of CO2 clearance (DLCO/ETCO2) during rest and exercise in Hodgkin Lymphoma survivors compared to non-cancer controls matched for age, sex, race, and ethnicity. To evaluate dynamic changes in cerebral blood flow and oxygenation during exercise with NIRS in Hodgkin Lymphoma survivors and non-cancer controls matched for age, sex, race, and ethnicity. To explore associations among exercise intolerance, cardiopulmonary function, cerebral blood flow, and neurocognitive outcomes in Hodgkin Lymphoma survivors and matched controls  
Status of support: Pending  
Role: Other Significant Contributor  
Total award amount: \$240,000  
Percentage of effort: 0% calendar year

AICR      Ness/Goodenough (PI)      01/2023-12/2025  
User designed obesity intervention to reduce infection in children with leukemia  
To evaluate perceptions of stakeholders at St. Jude Children's Research Hospital on the acceptability, desirable/undesirable characteristics, and potential delivery methods for a dietary intervention to remediate or prevent obesity during childhood ALL therapy. To design an intervention, evaluate acceptability and ease/difficulty, and appropriately modify an intervention in a small group of families of children with ALL during cancer therapy based on Aim 1 findings.  
Status of support: Pending  
Role: PI  
Total award amount: \$247,500  
Percentage of effort: 20% calendar year

R01, NIH      Bhakta/Yasui (PI)      04/2023-03/2027  
Estimates of survival and the lifelong burden of childhood cancer for use in global policy decision-making  
The Global Initiative for Childhood Cancer seeks to achieve 60% survival for children diagnosed with cancer globally by 2030. Despite this goal, no continuously updated data source exists to monitor progress towards this target or support policymaking decisions. This proposal aims to develop global estimates of 5-year net survival and long-term disease burden for childhood cancer in 204 countries and territories using the Global Burden of Disease Study framework and de-identified microdata from: the CONCORD program; two NIH funded survivorship cohorts; publicly available data sources.  
Status of support: Pending  
Role: Other Significant Contributor  
Total award amount: \$3,026,987  
Percentage of effort: 1%

R01, NCI      Ness (MPI)      04/2023-03/2028  
SEISMIC: Sarcoma exercise interventions at multiple investigative centers  
To determine the efficacy of a remotely delivered pre-rehabilitation and rehabilitation intervention of fitness and the tumor microenvironment in children, adolescents and young adults with newly diagnosed lower extremity sarcoma.  
Status of support: Pending  
Role: PI  
Total award amount: \$4,100,6360  
Percentage of effort: 20% calendar year

R01, NCI      Wang (PI)      04/2023-03/2028  
Trajectory of epigenetic age and health outcomes in childhood cancer survivors  
To examine the effect of health behaviors and SDOH factors on the change rate of epigenetic age during follow-up of the SJLIFE cohort. To evaluate the association between the change rate of epigenetic age and health outcomes including prevalence/severity/cumulative burden of CHCs and mortality during follow-up of the SJLIFE cohort. To determine the impact of behavioral interventions for physical fitness and sleep quality on the change rate of epigenetic age.  
Status of support: Pending  
Role: Co-Investigator

Total award amount: \$4,541,817  
Percentage of effort: 5% calendar year

R21, NCI Phillips (PI) 04/2023-03/2025  
Cardiopulmonary function and cerebral blood flow in Hodgkin Lymphoma survivors (HoDNIRs)  
To evaluate dynamic changes in CBF and oxygenation during exercise with NIRS in HL survivors and non-cancer controls matched for age, sex, race, and ethnicity. To identify demographic, treatment, and cardiopulmonary conditions associated with cardiopulmonary functional reserve (VO2 max) among survivors of HL. To examine the degree of CO2 clearance (DLCO/ETCO2) during rest and exercise in Hodgkin Lymphoma survivors compared to non-cancer controls matched for age, sex, race, and ethnicity.  
Status of support: Pending  
Role: Collaborator  
Total award amount: \$484,100 calendar year  
Percentage of effort: 1% calendar year

F32, NIH Ware (PI) 04/2023-03/2025  
Childhood Cancer Survivors Affective Response to Exercise (CAREx)  
To advance the scientific community's understanding of affective response to exercise and ways in which it impacts physical activity or exercise behavior, with long-term implications on avenues for intervention in physical activity or exercise programming in this population.  
Status of support: Pending  
Role: Mentor, sponsor  
Total award amount: \$210,758 calendar year  
Percentage of effort: 1% calendar year

Discovery Boost Grant, ACS Phillips (PI) 07/2023-06/2025  
Investigation into cardiopulmonary function, functional reserve, and cerebral blood flow in Hodgkin Lymphoma Survivors  
To evaluate dynamic changes in cerebral blood flow (CBF) and oxygenation during exercise with NIRS in HL survivors and non-cancer controls matched for age, sex, race, and ethnicity. To examine the degree of CO2 clearance (DLCO/ETCO2) during rest and exercise in Hodgkin Lymphoma survivors compared to non-cancer controls matched for age, sex, race, and ethnicity.  
Status of support: Pending  
Role: Other Significant Contributor  
Total award amount: \$240,000  
Percentage of effort: 1% calendar year

R35, NCI Ness (PI) 07/2023-06/203  
A comparison of phenotypic, biologic and biobehavioral responses to interventions designed to prevent or remediate physiologic decline in children with or who have survived cancer and healthy controls  
Goals: TBD  
Status of support: Pending (submit 11-08-2022)  
Role: Principal Investigator  
Total award amount: TBD  
Percentage of effort: TBD

R03, NCI Webster (PI) 07/2023-06/2025  
A novel approach to promoting healthy lifestyle behaviors among adolescent cancer patients transitioning off treatment  
Goals: Develop and pilot test a discrete choice experiment that will examine adolescent childhood cancer survivors' and caregivers' preferences for health behavior intervention.  
Status of support: Pending  
Role: Co-investigator  
Total award amount: \$197,935  
Percentage of effort: TBD

R01, NCI Wang (PI) 07/2023-06/2028  
Genetic and epigenetic approach towards understanding treatment-induced cardiometabolic toxicity among long-term survivors of childhood cancer



Goals: Evaluate genetic factors (specifically, pathogenic and likely pathogenic germline variants in genes of DNA repair, immune response, and drug metabolism) for risk of cardiometabolic conditions. Evaluate epigenetic factors (specifically, DNA methylation) as mediators for the association between cancer treatment exposures or health behaviors and risk of cardiometabolic conditions. Evaluate aging biomarkers (clonal hematopoiesis, leukocyte telomere length, and epigenetic age) as independent predictors of cardiometabolic risk, while adjusting for genetic and epigenetic factors.

Status of support: Pending

Role: Co-Investigator

Total award amount: \$2,275,000

Percentage of effort: 5% calendar year

R35, NIH

Ness (PI)

07/2023-06/2030

A comparison of phenotypic, biologic and biobehavioral responses to interventions designed to prevent or remediate physiologic decline in children with or who have survived cancer and healthy controls

To evaluate the impact of exercise on biologic and physiologic reserve/aging in HL survivors and describe the trajectory of the markers in patients and early in survivorship, biologic markers of aging and immune function and physiologic markers of muscle and cardiac health, and an intervention in older survivors and matched controls and another intervention in young survivors

Status of support: Pending

Role: PI

Total award amount: \$6,259,047

Percentage of effort: 50% calendar year

R01, NCI

Wang/Im (MPI)

07/2023-06/2028

Genetic pleiotropy across pediatric cancers, and cancer-related outcomes

Identify pleiotropic common low-penetrant susceptibility alleles and pleiotropic predisposition genes harboring rare highly-penetrant variants across pediatric cancers. Assess the contributions of genetic pleiotropy to risks for developing specific pediatric cancers using PRS, genetic correlation and shared heritability estimation.

Evaluate how pleiotropic pediatric cancer genetic susceptibility informs risks for primary cancer and cancer-related outcomes (including relapse, subsequent malignancies, and mortality).

Status of support: Pending

Role: OSC

Total award amount: \$3,054,050

Percentage of effort: 1% calendar year

### C. Completed Grants

R21CA106778, NCI/NIH

GURNEY (PI)

07/2004-06/2006

Metabolic syndrome in adult survivors of childhood ALL

To ascertain the prevalence of metabolic syndrome in adult survivors of childhood ALL

Status of support: Complete

Role: Co-Investigator

Total award amount: \$323,831

Percentage of effort: 10%

R01CA107143, NIH/NCI

ROSS (PI)

04/2005-11/2006

Predictors of adult leukemia

To investigate risk factors for myeloid leukemia in Minnesota adults and focused on NSAIDs, farming, and genetic susceptibility.

Status of support: Complete

Role: Co-Investigator

Total award amount: \$527,845

Percentage of effort: 5%

R01CA113930, NIH/NCI

STEINBERGER (PI)

12/2005-11/2006

Metabolic syndrome in childhood cancer survivors

To examine the differences in insulin resistance, metabolic syndrome risk factors and endothelial function in childhood cancer survivors.

Status of support: Complete

Role: Co-Investigator  
Total award amount: \$492,060  
Percentage of effort: 10%

NCI-Cancer Center Rapid Pilot, NCI                                      NESS (PI)                                      01/2006-08/2006  
Physical performance, disability and QOL in childhood brain tumor survivors  
To estimate effect sizes for the larger, eventually funded study designed to document the prevalence of physical performance limitations in adult survivors of childhood brain tumors.

Status of support: Complete

Role: Principal Investigator  
Total award amount: \$25,000  
Percentage of effort: 10%

Minnesota Medical Foundation                                      NESS (PI)                                      01/2006-12/2006  
Medical late effects, health behaviors, function and quality of life in Langerhans' cell histiocytosis survivors  
To document the prevalence and types of medical late effects experienced by survivors of Langerhans' Cell Histiocytosis.

Status of support: Complete

Role: Principal Investigator  
Total award amount: \$25,000  
Percentage of effort: 10%

R01CA112530, NIH/NCI                                      BAKER (PI)                                      07/2006-11/2006  
Metabolic syndrome following transplant for leukemia  
To determine the prevalence of metabolic syndrome in leukemia survivors who were treated with stem cell transplant and compare them to healthy controls similar in age and gender.

Status of support: Complete

Role: Co-Investigator  
Total award amount: \$407,807  
Percentage of effort: 10%

Wyckoff Foundation Children's Cancer Research                                      NESS (PI)                                      07/2006-11/2006  
Fund  
Function, disability and QOL in survivors of bone tumors  
To evaluate physical function, self-reported disability status and quality of life in adult survivors of childhood onset bone tumors.

Status of support: Complete

Role: Principal Investigator  
Total award amount: \$10,000  
Percentage of effort: 5%

RSGPB CPPB-112069, ACS                                      NESS (PI)                                      07/2006-12/2009  
Physical performance, disability and QOL in childhood brain tumor survivors  
To estimate the prevalence of physical performance limitations in adult survivors of childhood brain tumors, compare physical performance between childhood BT survivors and population controls, estimate the impact of physical performance limitations on quality of life, and to determine the characteristics of BT survivors at greatest risk for a functional loss.

Status of support: Complete

Role: Principal Investigator  
Total award amount: \$190,271  
Percentage of effort: 10%

Children's Cancer Research Fund                                      PETRYK (PI)                                      07/2006-06/2007  
Bone mineral resorption in children after hematopoietic cell transplantation.  
To evaluate the association between markers of bone turnover and bone mineral density in children following hematopoietic cell transplantation.

Status of support: Complete

Role: Co-Investigator  
Total award amount: \$50,000

Percentage of effort: 5%

Children's Cancer Research Fund

NESS (PI)

07/2006-06/31/07

Exercise in children after hematopoietic stem cell transplantation.

To evaluate the impact of weight bearing exercise on bone health in children following hematopoietic cell transplantation.

Status of support: Complete

Role: Principal Investigator

Total award amount: \$50,000

Percentage of effort: 10%

R01CA132901, NCI

NESS (PI)

04/01/09-08/31/13

Motor proficiency and physical activity in adult survivors of childhood ALL

To evaluate musculoskeletal function, sensory capacity, fitness, motor proficiency and physical activity patterns among adults treated for childhood ALL and compare them to an age, sex and race matched comparison group.

Status of support: Complete

Role: Principal Investigator

Total award amount: \$410,444

Percentage of effort: 22.5%

R01CA129384, NIH/NCI

COX (PI)

08/12/09-05/31/15

Physical activity to modify sequelae and QOL in childhood ALL

A randomized, longitudinal clinical trial of an individually-tailored, parent- and child-focused motivation-based physical activity program (MAP) for children 5-17 years of age newly diagnosed with acute lymphoblastic leukemia.

Status of support: Complete

Role: Co-Investigator

Total award amount: \$533,604

Percentage of effort: 15%

GenPen, Pfizer

FERRY (PI)

06/25/10-06/24/11

A multicenter, open label, single arm study assessing dyad (subject and caregiver) perception of convenience and preference of the newly developed genotropin mark VII pen

To evaluate the ease of use/convenience as determined by a subject/caregiver dyad self-assessment of the new Genotropin Mark VII pen compared to pre-study experience with the Genotropin Pen.

Status of support: Complete

Role: Co-Investigator

Total award amount: Medication provided

Percentage of effort: 2.5%

R21HD059292, NICHD

NESS (PI)

03/04/10-02/28/13

Vibration intervention for bone enhancement in childhood cancer survivors

To evaluate the effects of low magnitude, high frequency stimulus on bone mineral content (BMC), BMD, and bone strength in childhood cancer survivors.

Status of support: Complete

Role: Principal Investigator

Total award amount: \$102,073

Percentage of effort: 11.5%

Vibe, Gabrielle's Angel Foundation

NESS (PI)

12/22/10-06/21/13

Vibration intervention for bone enhancement in childhood cancer survivors

To evaluate the effects of low magnitude, high frequency stimulus on markers of bone turnover in childhood cancer survivors.

Status of support: Complete

Role: Principal Investigator

Total award amount: \$68,563

Percentage of effort: 15%

Tennessee Physical Therapy Association                      CORR (PI)                      05/01/11-04/30/12  
A pilot study on the effects of preoperative physical therapy in adolescents and young adults diagnosed with a lower extremity malignancy.  
To determine if individuals diagnosed with a malignancy of the LE can participate in a 10-week preoperative strengthening, stretching, and aerobic exercise regimen.  
Status of support: Complete  
Role: Faculty Sponsor  
Total award amount: \$10,000  
Percentage of effort: 0%

CDFA:84.133G2011-1, NIDRR                      STRAUSER (PI)                      10/01/11-09/30/14  
Evaluating the efficacy of an occupational intervention targeting young adult brain tumor survivors  
To provide an occupational development and work adjustment intervention for young adult brain tumor survivors to increase likelihood of placement in educational programs with adequate supports or gainful and fitting employment.  
Status of support: Complete  
Role: Consultant  
Total award amount: N/A  
Percentage of effort: 0%

R01CA157838, NCI                      ARMSTRONG (PI)                      02/27/12-12/31/16  
Longitudinal Cardiotoxicity in Adult Survivors of Childhood Cancer  
To determine longitudinal change in cardiac function in adult survivors of childhood cancer.  
Status of support: Complete  
Role: Co-Investigator  
Total award amount: \$375,619  
Percentage of effort: 5%

COG-CHOP BQSF-AALL0932, NCI                      NESS (PI)                      03/30/12-06/30/15  
Children's Oncology Group (COG)-The Leukemia Physical Functioning Study  
Longitudinal assessment of peripheral neuropathy in children enrolled in AALL.  
Status of support: Complete  
Role: Principal Investigator  
Total award amount: \$32,703  
Percentage of effort: 17.5%

ACS RSG-12-181-02-PCSM CHCM, ACS                      GILCHRIST (PI)                      07/01/12-06/30/16  
Clinical predictors of persistent vincristine-associated neuropathy  
To assess both acute and persistent neuropathy in children treated with vincristine for leukemia, lymphoma and Wilms tumor.  
Status of support: Complete  
Role: Principal Investigator  
Total award amount: \$22,358  
Percentage of effort: 10%

BQSF, NCI/Yale University                      KADAN-LOTTICK (PI)                      07/01/12-06/30/15  
Longitudinal assessment of peripheral neuropathy and motor function in children treated for average risk ALL  
This proposal is integrated within the COG protocol AALL 0932, Treatment of Patients with Newly Diagnosed Standard Risk B-Precursor Acute Lymphoblastic Leukemia (ALL) and is designed to document the prevalence and history of chemotherapy induced peripheral neuropathy and its impact on motor function during treatment for childhood onset ALL.  
Status of support: Complete  
Role: Co-Investigator  
Total award amount: \$179,730  
Percentage of effort: 16.5%

ZAMZEE HOPELAB                      NESS (PI)                      03/01/13-02/28/14  
Web-based physical activity intervention in adolescent cancer survivors  
To evaluate the effects of a rewards-based physical activity intervention delivered via an interactive website

in young adolescent cancer survivors.  
Status of support: Complete  
Role: Principal Investigator  
Total award amount: Device and website access; \$50,000.00  
Percentage of effort: 5%

R01CA174794, NCI KRULL (PI) 04/01/13-03/31/19  
Brain integrity in survivors of childhood cancer treated with thoracic radiation  
To evaluate brain integrity in adult survivors of childhood cancer treated with thoracic radiation therapy.  
Status of support: Complete  
Role: Co-Investigator  
Total award amount: \$636,390  
Percentage of effort: 5%

U10CA180886 CHOP COG, NCI NESS (PI) 04/11/14-02/28/18  
COG NCTN-GOC BIQSFP AALL0932  
Longitudinal assessment of peripheral neuropathy in children enrolled in AALL0932.  
Status of support: Complete  
Role: Principal Investigator  
Total award amount: \$35,534  
Percentage of effort: 3.5%

Tennessee Physical Therapy Association DEFEO (PI) 05/01/14-04/30/16  
Functional outcomes for children, adolescents, and young adults with osteonecrosis following hip decompression. To describe functional outcomes of children, adolescents, and young adults with osteonecrosis of the femoral head following core decompression surgery.  
Status of support: Complete  
Role: Faculty sponsor  
Total award amount: \$10,000  
Percentage of effort: 0%

R01CA174851, NCI NESS (PI) 05/07/14-04/30/20  
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 and to describe the associations between personal factors, cancer-related treatment modalities, health behaviors, and frailty in this population.  
Status of support: Complete  
Role: Principal Investigator  
Total award amount: \$303,512  
Percentage of effort: 23%

American Institute for Cancer Research NESS (PI) 01/01/15-12/31/17  
Impact of resistance training-protein supplementation on lean muscle mass in CCS  
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. To compare changes in parameters of metabolic health between childhood cancer survivors randomized to a resistance training program with protein supplementation or a resistance training program with placebo supplementation.  
Status of support: Complete  
Role: Principal Investigator  
Total award amount: \$247,017  
Percentage of effort: 7%

R01CA036401, NCI EVANS (PI) 07/25/15-06/30/20  
Pharmacogenomics of Childhood Leukemia ALL  
To elucidate pharmacogenomics determinants of drug effects in children with ALL.  
Status of support: Complete  
Role: Co-Investigator  
Total award amount: \$442,054

Percentage of effort: 5%

R01CA187079, NCI CONKLIN (PI) 07/13/15-06/30/21

Prophylactic multimodal cognitive intervention for children with medulloblastoma

The primary aim of this study is to test the efficacy of a prophylactically administered computerized working memory intervention among patients with newly diagnosed medulloblastoma. Secondly, we will compare the cognitive impact of a computerized working memory intervention administered in conjunction with an aerobic exercise intervention relative to either intervention alone and use fMRI to examine neuroplasticity associated with working memory training.

Status of support: Complete

Role: Co-Investigator

Total award amount: \$338,775

Percentage of effort: 5%

R01HL136480, Lurie Children's Hospital of Chicago, NHLBI LIEM/HANKINS (PI) 04/01/17-03/31/22

Chicago, NHLBI

The pro-inflammatory effects of acute exercise in children with sickle cell anemia

To characterize the effect of varying exercise intensity on the acute inflammatory response to exercise, defined by an increase in soluble vascular cell adhesion molecule and other inflammatory biomarkers; 2) To determine the effect of maximal exercise challenge on changes in forced expiratory volume in one second and other parameters on lung spirometry; and 3) To explore the immunogenomic and epigenetic basis of the acute inflammatory response to exercise challenge.

Status of support: Complete

Role: Co-Investigator

Total award amount: \$59,050

Percentage of effort: 2.5%

P30CA021765, Developmental Funds, St. Jude, NCI NESS (PI) 03/01/19-02/28/21

Feasibility and validation of remote assessment of physical function in survivors of childhood cancer (mHealthFUN)

To evaluate the feasibility of remote functional assessment in childhood cancer survivors.

Status of support: Complete

Role: PI

Total award amount: \$161,551

Percentage of effort: 1%

R01CA238368, NCI HUANG (PI) 08/15/19-07/31/21

Patient-reported outcomes version of the CTCAE for childhood cancer survivors (ProSym)

To establish content validity of symptomatic adverse events (AEs) for adult survivors of childhood cancers based on the current patient-reported outcomes version of the Common Terminology Criteria for Adverse Events (PRO-CTCAE), to validate a modified PRO-CTCAE for survivors of childhood cancer (PRO-CTCAE-SCC) using clinical parameters and psychometric methodology, and to develop tailored versions of PRO-CTCAE-SCC, including core and expansion versions, for survivors who experience different diagnoses and treatment modalities.

Status of support: Complete

Role: Co-Investigator

Total award amount: \$4,164,077

Percentage of effort: 2.5%

#### 14. Clinical Trials Involvement

Diminished Bone Mineral Density in Survivors of Childhood Acute Lymphoblastic Leukemia (ALL): A Severity-Adapted Clinical Trial 12/17/99-12/31/14

Role: Co-Investigator

Image Guided Radiotherapy for the Treatment of Musculoskeletal Tumors: A Phase II Prospective Evaluation of Radiation-Related Treatment Effects 01/07/03-ongoing

Role: Co-Investigator

A Study of Bevacizumab, a Humanized Monoclonal Antibody Against Vascular Endothelial Growth Factor (VEGF), in Combination with Chemotherapy for Treatment of Osteosarcoma Role: Co-Investigator	07/03/08-ongoing
Physical Activity to Modify Sequelae and Quality of Life in Childhood Acute Lymphoblastic Leukemia (ALL) Role: Co-Investigator	05/05/09-03/21/18
Resistance and Aerobic Exercise for Subclinical Anthracycline Cardiomyopathy Role: Co-Investigator	09/22/09-06/18/14
A Multicenter, Open-label, Single-arm Study Assessing Dyad (Subject and Caregiver) Perception of Convenience and Preference of the Newly Developed Genotropin Mark VII PEN Role: Co-Investigator	10/13/09-05/04/10
Vibration Intervention for Bone Enhancement in Childhood Cancer Survivors Role: Principal Investigator	11/05/09-10/18/17
A Phase II Trial of Limited Surgery and Proton Therapy for Craniopharyngioma and Observation for Craniopharyngioma after Radical Resection Role: Co-Investigator	06/28/11-closed to accrual but open to follow-up
Constraint Induced Movement Therapy in a Pediatric Oncology Population Role: Faculty Sponsor	09/26/11-09/21/15
A Pilot Study on the Effects of Preoperative Physical Therapy in Adolescents and Young Adults Diagnosed with a Lower Extremity Malignancy Role: Faculty Sponsor	08/22/12-02/17/17
A Randomized Web-based Physical Activity Intervention in Adolescent Survivors of Childhood Cancer Role: Principal Investigator	01/12/13-12/10/18
A Clinical and Molecular Risk-Directed Therapy for Newly Diagnosed Medulloblastoma (SJMB12) Role: Co-Investigator	05/28/13-ongoing
Therapeutic Trial for Patients with Ewing Sarcoma Family of Tumor and Desmoplastic Small Round Cell Tumors Role: Co-Investigator	07/23/13-ongoing
A Phase II Trial of Surgery and Fractionated Re-irradiation for Recurrent Ependymoma Role: Co-Investigator	03/18/14-ongoing
Feasibility of Implementing Yoga Intervention for Adolescents at St Jude Children's Research Hospital Role: Faculty Sponsor	06/01/15-02/02/17
A Phase II Study Incorporating Panobinostat, Bortezomib and Liposomal Vincristine into Re-Induction Therapy for Relapsed Pediatric T-Cell Acute Lymphoblastic Leukemia or Lymphoma Role: Co-Investigator	06/03/15-06/06/18
Impact of Resistance Training and Protein Supplementation on Lean Muscle Mass in Childhood Cancer Survivors Role: Principal Investigator	07/06/15-06/04/22

A Phase II Trial of Intensity-Modulated Proton Therapy for Incompletely Resected Craniopharyngioma and Observation for Craniopharyngioma after Radical Resection Role: Co-Investigator	05/19/16-ongoing
Total Therapy XVII (TOTXVII) for Newly Diagnosed Patients with Acute Lymphoblastic Leukemia and Lymphoma Role: Co-Investigator	03/28/17-ongoing
A Randomized Web-based Physical Activity Intervention among Children and Adolescents with Acute Lymphoblastic Leukemia Role: Principal Investigator	08/31/17-ongoing
Impact of an Orthotic Intervention on Physical Function in Children with Chemotherapy-Induced Peripheral Neuropathy Role: Faculty Sponsor	04/30/18-ongoing
Pediatric Classical Hodgkin Lymphoma Consortium Study: cHOD17 Role: Co-Investigator	10/26/18-ongoing
EFST13: Therapeutic Trial for Patients with Ewing Sarcoma Family of Tumors and Desmoplastic Small Round Cell Tumors Role: Co-Investigator	05/14/19-ongoing
Core Decompression Utilizing the Xrcam in Pediatric Patients Treated for ALL or NHL with Osteonecrosis of the Femoral Head Role: Co-Investigator	08/05/19-ongoing
Tranexamic Acid (TXA) to Reduce Volume of Blood Transfused in Pediatric and Young Adult Cancer Patients Undergoing Limb Salvage Procedure of a Lower Extremity Role: Co-Investigator	02/02/20-ongoing
Phase IIA Trial Exploring the Physiologic and Clinical Responses of Skeletal Muscle in Patients with Spinal Muscular Atrophy Role: Co-Investigator	Pending IRB approval
HYPERtension Intervention to Reduce OsteoNecrosis in children with Acute Lymphoblastic Leukemia/Lymphoma Role: Co-Investigator	02/21/20-ongoing
ALTE2031, Step by Step: A Randomized Trial of a Mobile Health and Social Media Physical Activity Intervention among Adolescent and Young Adult Cancer Survivors Role: Site-PI	04/23/20-ongoing
Sen-Survivors: An Open Label Intervention Trial for Frailty and Senescence Role: Co-Investigator	05/12/20-ongoing
PRE-DM: An Open-Label Pilot Intervention Trial to Prevent Diabetes in Prediabetic Adult Survivors of Childhood Cancer Role: Co-Investigator	11/10/20-ongoing
Telehealth Based Intervention to Improve Fitness in Survivors of Childhood Cancer with Significantly Limited Exercise Tolerance Role: Principal Investigator	11/26/19-ongoing
A Reduced Surgical and Radiation Therapy Treatment Paradigm Incorporating Proton Beam for Patients with A Favorable Histology Wilms Tumor Role: Co-Investigator	07/06/21-ongoing



## 15. Publication Record

### A. Peer Reviewed Publications

#### i. Original Research Articles

1. **Ness KK**. The use of the MDS 2.0 to measure rehabilitation outcomes in skilled nursing facilities. *J Rehabil Outcomes Meas*. 2000;4:22-30. Role: First & corresponding author
2. **Ness KK**, Gray K, Snell S, Thompson LV. The effects of a physical therapist designed strengthening and aerobic conditioning program on strength, balance and physical performance in individuals with chronic alcoholism. *Issues on Aging*. 2001;23:14-18. Role: First & corresponding author
3. **Ness KK**, Gurney JG, Ishani S. Screening for risk of falls in the elderly in a community health fair setting: A feasibility study. *Issues on Aging*. 2001;24:12-16. Role: First author
4. Carey JR, **Ness KK**. Erosion of professional behaviors in physical therapy students. *J Phys Ther Educ*. 2001;15:20-23. Role: Senior author
5. Gurney JG, Fritz MS, **Ness KK**, Sievers P, Newschaffer CJ, Shapiro EG. Analysis of prevalence trends of autism spectrum disorder in Minnesota. *Arch Pediatr Adolesc Med*. 2003 Jul;157(7):622-627. PMID: 12860781.
6. **Ness KK**, Gurney JG, Ice GH. Screening, education, and associated behavioral responses to reduce risk for falls among people over age 65 years attending a community health fair. *Phys Ther*. 2003 Jul;83(7):631-637. PMID: 12837124. Role: First & corresponding author
7. Gurney JG, **Ness KK**, Stovall M, Wolden S, Punyko JA, Neglia JP, Mertens AC, Packer RJ, Robison LL, Sklar CA. Final height and body mass index among adult survivors of childhood brain cancer: Childhood Cancer Survivor Study. *J Clin Endocrinol Metab*. 2003 Oct;88(10):4731-4739. PMID: 14557448.
8. Kadan-Lottick NS, **Ness KK**, Bhatia S, Gurney JG. Survival variability by race and ethnicity in childhood acute lymphoblastic leukemia. *JAMA*. 2003 Oct 15;290(15):2008-2014. PMID: 14559954.
9. Laberdiere C, Cheung NK, Kushner B, Kramer K, Modak S, Quaglia M, Wolden S, **Ness KK**, Gurney J, Sklar CA. Long term complications from treatment of high risk neuroblastoma. *J Clin Oncol*. 2004;22(14\_suppl):8543.
10. **Ness KK**, Wall MM, Olsen RA, Boergerhoff LA, Gurney JG. Screening for risk of falling in the community-dwelling elderly may increase fear of falling. *J Geriatr Phys Ther*. 2004 Sep 15;27:100-104. Role: First & corresponding author
11. Baker KS, Gurney JG, **Ness KK**, Bhatia R, Forman SJ, Francisco L, McGlave PB, Robison LL, Snyder DS, Weisdorf DJ, Bhatia S. Late effects in survivors of chronic myeloid leukemia treated with hematopoietic cell transplantation: Results from the Bone Marrow Transplant Survivor Study. *Blood*. 2004;104(6):1898-1906. PMID: 15172972.
12. **Ness KK**, Oakes JM, Punyko JA, Baker KS, Gurney JG. Prevalence of the metabolic syndrome in relation to self-reported cancer history. *Ann Epidemiol*. 2005 Mar;15(3):202-206. PMID: 15723765. Role: First & corresponding author
13. Laverdière C, Cheung NK, Kushner BH, Kramer K, Modak S, LaQuaglia MP, Wolden S, **Ness KK**, Gurney JG, Sklar CA. Long-term complications in survivors of advanced stage neuroblastoma. *Pediatr Blood Cancer*. 2005 Sep;45(3):324-332. PMID: 15714447.
14. Meacham LR, Gurney JG, Mertens AC, **Ness KK**, Sklar CA, Robison LL, Oeffinger KC. Body mass index in long-term adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Cancer*. 2005 Apr 15;103(8):1730-1739. PMID: 15761876.

15. Punyko JA, Mertens AC, Baker KS, **Ness KK**, Robison LL, Gurney JG. Long-term survival probabilities for childhood rhabdomyosarcoma. A population-based evaluation. *Cancer*. 2005 Apr 1;103(7):1475-1483. PMID: 15712283.
16. **Ness KK**, Bhatia S, Baker KS, Francisco L, Carter A, Forman SJ, Robison LL, Rosenthal J, Gurney JG. Performance limitations and participation restrictions among childhood cancer survivors treated with hematopoietic stem cell transplantation: The Bone Marrow Transplant Survivor Study. *Arch Pediatr Adolesc Med*. 2005 Aug;159(8):706-713. PMID: 16061776. Role: First & corresponding author
17. **Ness KK**, Mertens AC, Hudson MM, Wall MM, Leisenring WM, Oeffinger KC, Sklar CA, Robison LL, Gurney JG. Limitations on physical performance and daily activities among long-term survivors of childhood cancer. *Ann Intern Med*. 2005 Nov 1;143(9):639-647. PMID: 16263886. Role: First & corresponding author
18. **Ness KK**, Wall MM, Oakes JM, Robison LL, Gurney JG. Physical performance limitations and participation restrictions among cancer survivors: A population-based study. *Ann Epidemiol*. 2006 Mar;16(3):197-205. PMID: 16137893. Role: First & corresponding author
19. Gurney JG, **Ness KK**, Rosenthal J, Forman SJ, Bhatia S, Baker KS. Visual, auditory, sensory, and motor impairments in long-term survivors of hematopoietic stem cell transplantation performed in childhood: Results from the Bone Marrow Transplant Survivor Study. *Cancer*. 2006 Mar 15;106(6):1402-1408. PMID: 16453335.
20. Fraser CJ, Bhatia S, **Ness K**, Carter A, Francisco L, Arora M, Parker P, Forman S, Weisdorf D, Gurney JG, Baker KS. Impact of chronic graft-versus-host disease on the health status of hematopoietic cell transplantation survivors: A report from the Bone Marrow Transplant Survivor Study. *Blood*. 2006 Oct 15;108(8):2867-2873. PMID: 16788100.
21. Gurney JG, **Ness KK**, Sibley SD, O'Leary M, Dengel DR, Lee JM, Youngren NM, Glasser SP, Baker KS. Metabolic syndrome and growth hormone deficiency in adult survivors of childhood acute lymphoblastic leukemia. *Cancer*. 2006 Sep 15;107(6):1303-1312. PMID: 16894525.
22. Nathan PC, Jovcevska V, **Ness KK**, Mammone D'Agostino N, Staneland P, Urbach SL, Barron M, Barrera M, Greenberg ML. The prevalence of overweight and obesity in pediatric survivors of cancer. *J Pediatr*. 2006 Oct;149(4):518-525. PMID: 17011325.
23. Nathan PC, **Ness KK**, Greenberg ML, Hudson M, Wolden S, Davidoff A, Laverdiere C, Mertens A, Whitton J, Robison LL, Zeltzer L, Gurney JG. Health-related quality of life in adult survivors of childhood Wilms tumor or neuroblastoma: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*. 2007 Oct 15;49(5):704-715. PMID: 16830322.
24. Steele JR, Raymond RL, **Ness KK**, Alvi S, Kearney I. A comparative study of sociocultural factors and young adults' smoking in two Midwestern communities. *Nicotine Tob Res*. 2007 Jan;9 Suppl 1:S73-S82. PMID: 17365729.
25. Baker KS, **Ness KK**, Steinberger J, Carter A, Francisco L, Burns LJ, Sklar C, Forman S, Weisdorf D, Gurney JG, Bhatia S. Diabetes, hypertension, and cardiovascular events in survivors of hematopoietic cell transplantation: A report from the Bone Marrow Transplantation Survivor Study. *Blood*. 2007 Feb;109(4):1765-1772. PMID: 17047152; PMC1794046.
26. **Ness KK**, Baker KS, Dengel DR, Youngren N, Sibley S, Mertens AC, Gurney JG. Body composition, muscle strength deficits and mobility limitations in adult survivors of childhood acute lymphoblastic leukemia. *Pediatr Blood Cancer*. 2007 Dec;49(7):975-981. PMID: 17091482. Role: First & corresponding author
27. Perkins JL, Kunin-Batson AS, Youngren NM, **Ness KK**, Ulrich KJ, Hansen MJ, Petryk A, Steinberger J, Anderson FS, Baker KS. Long-term follow-up of children who underwent hematopoietic cell transplant (HCT) for AML or ALL at less than 3 years of age. *Pediatr Blood Cancer*. 2007 Dec;49(7):958-963. PMID: 17474113.

28. Brachlow AE, **Ness KK**, McPheeters ML, Gurney JG. Comparison of indicators for a primary care medical home between children with autism or asthma and other special health care needs: National Survey of Children's Health. *Arch Pediatr Adolesc Med*. 2007 Apr;161(4):399-405. PMID: 17404138.
29. Gurney JG, Tersak JM, **Ness KK**, Landier W, Matthay KK, Schmidt ML; Children's Oncology Group. Hearing loss, quality of life, and academic problems in long-term neuroblastoma survivors: A report from the Children's Oncology Group. *Pediatrics*. 2007 Nov;120(5):e1229-1236. PMID: 17974716.
30. Gurney JG, Donohue JE, **Ness KK**, O'Leary M, Glasser SP, Baker KS. Health knowledge about symptoms of heart attack and stroke in adult survivors of childhood acute lymphoblastic leukemia. *Ann Epidemiol*. 2007 Oct;17(10):778-781. PMID: 17662616.
31. Majhail NS, **Ness KK**, Burns LJ, Sun CL, Carter A, Francisco L, Forman SJ, Bhatia S, Baker KS. Late effects in survivors of Hodgkin and non-Hodgkin lymphoma treated with autologous hematopoietic cell transplantation: A report from the Bone Marrow Transplant Survivor Study. *Biol Blood Marrow Transplant*. 2007 Oct;13(10):1153-1159. PMID: 17889351.
32. Schultz KA, **Ness KK**, Whitton J, Recklitis C, Zebrack B, Robison LL, Zeltzer L, Mertens AC. Behavioral and social outcomes in adolescent survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*. 2007 Aug 20;25(24):3649-3656. PMID: 17704415.
33. Mulrooney DA, **Ness KK**, Neglia JP, Whitton JA, 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*. 2008 Feb;31(2):271-281. PMID: 18274275.
34. **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 Survivor Study. *Arch Phys Med Rehabil*. 2008 Jan;89(1):128-136. PMID: 18164342. Role: First & corresponding author
35. Dengel DR, **Ness KK**, Glasser SP, Williamson EB, Baker KS, Gurney JG. Endothelial function in young adult survivors of childhood acute lymphoblastic leukemia. *J Pediatr Hematol Oncol*. 2008 Jan;30(1):20-25. PMID: 18176175.
36. Mulrooney DA, Dover DC, Li S, Yasui Y, **Ness KK**, Mertens AC, Neglia JP, Sklar CA, Robison LL, Davies SM; Childhood Cancer Survivor Study. Twenty years of follow-up among survivors of childhood and young adult acute myeloid leukemia: A report from the Childhood Cancer Survivor Study. *Cancer*. 2008 May 1;112(9):2071-2079. PMID: 18327823.
37. Zeltzer LK, Lu Q, Leisenring W, Tsao JC, Recklitis C, Armstrong G, Mertens AC, Robison LL, **Ness KK**. Psychosocial outcomes and health-related quality of life in adult childhood cancer survivors: A report from the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*. 2008 Feb;17(2):435-446. PMID: 18268128. Role: Senior author
38. Krull KR, Gioia G, **Ness KK**, Ellenberg L, Recklitis C, Leisenring W, Huang S, Stovall M, Robison LL, Zeltzer L. Reliability and validity of the Childhood Cancer Survivor Study Neurocognitive Questionnaire. *Cancer*. 2008 Oct 15;113(8):2188-2197. PMID: 18792068.
39. Nathan PC, Greenberg ML, **Ness KK**, Hudson MM, Mertens AC, Mahoney MC, Gurney JG, Donaldson SS, Leisenring WM, Robison LL, Oeffinger KC. Medical care in long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*. 2008 Sep 20;26(27):4401-4409. PMID: 18802152.
40. Thomas IH, Donohue JE, **Ness KK**, Dengel DR, Baker KS, Gurney JG. Bone mineral density in young adult survivors of acute lymphoblastic leukemia. *Cancer*. 2008 Dec 1;113(11):3248-3256. PMID: 18932250.
41. Robien K, **Ness KK**, Klesges LM, Baker KS, Gurney JG. Poor adherence to dietary guidelines among

adult survivors of childhood acute lymphoblastic leukemia. *J Pediatr Hematol Oncol*. 2008 Nov;30(11):815-822. PMID: 18989158.

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43. Nagarajan R, Mogil R, Neglia JP, Robison LL, **Ness KK**. Self-reported global function among adult survivors of childhood lower-extremity bone tumors: A report from the Childhood Cancer Survivor Study (CCSS). *J Cancer Surviv*. 2009 Mar;3(1):59-65. PMID: 19030995. Role: Senior author
44. Kaste SC, Metzger ML, Minhas A, Xiong Z, Rai SN, **Ness KK**, Hudson MM. Pediatric Hodgkin lymphoma survivors at negligible risk for significant bone mineral density deficits. *Pediatr Blood Cancer*. 2009 Apr;52(4):516-521. PMID: 19090552.
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49. Meacham LR, Chow EJ, **Ness KK**, Kamdar KY, Chen Y, Yasui Y, Oeffinger KC, Sklar CA, Robison LL, Mertens AC. Cardiovascular risk factors in adult survivors of pediatric cancer—a report from the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*. 2010 Jan;19(1):170-181. PMID: 20056636.
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54. **Ness KK**, Li C, Mitby PA, Radloff GA, Mertens AC, Davies SM, Hammond S, Armstrong GT, Robison LL. Characteristics of responders to a request for a buccal cell specimen among survivors of childhood cancer and their siblings. *Pediatr Blood Cancer*. 2010 Jun 15;55(1):165-170. PMID: 20486182. Role: First & corresponding author

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56. Ginsberg, JP, Goodman P, Leisenring W, **Ness KK**, Meyers PA, Wolden SL, Smith SM, Stovall M, Hammond S, Robison LL, Oeffinger KC. Long-term survivors of childhood Ewing sarcoma: Report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst*. 2010 Aug 18;102(16):1272-1283. PMID: 20656964.
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59. Nagarajan R, Kamruzzaman A, **Ness KK**, Marchese VG, Sklar C, Mertens A, Yasui Y, Robinson LL, Marina N. Twenty years of follow-up of survivors of childhood osteosarcoma: A report from the Childhood Cancer Survivor Study. *Cancer*. 2011 Feb 1;117(3):625-634. PMID: 20922787.
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## ii. Original Research Articles Accepted for Future Publication

1. Foster KL, Salehabadi SM, Green DM, Xing M, **Ness KK**, Krull KR, Brinkman TM, Ehrhardt MJ, Chemaitilly W, Dixon SB, Bhakta N, Brennan RC, Krasin MJ, Davidoff AM, Robison LL, Hudson MM, Mulrooney DA.

Clinical assessment of late health outcomes in survivors of Wilms tumor: A report from the St. Jude Lifetime cohort study. *Pediatrics*. 2022 Jul (in press).

2. DeFeo BM, Neel MD, Pui CH, Jeha S, Hankins JS, Kaste SC, Srivastava DK, **Ness KK**. Functional outcomes for children, adolescents, and young adults with osteonecrosis following hip core decompression. *Rehabil Oncol*. 2022 Oct (in press). doi: 10.1097/O1.REO.0000000000000306. Role: Senior author
3. Song N, Sim J, Dong Q, Zheng Y, Hou L, Li Z, Hsu CW, Pan H, Mulder H, Easton J, Walker E, Neale G, Wilson CL, **Ness KK**, Krull KR, Srivastava DK, Yasui Y, Zhang J, Hudson MM, Robison LL, Huang IC, Wang Z. Epigenome-wide association studies of three social determinants of health and implications for lung functions among survivors of childhood cancer. *Cancer Commun*. 2022 Oct (in press). doi: 10.1101/2020.10.30.20223313
4. Wogksch MD, Finch ER, Nolan VG, Smeltzer MP, Mzayek F, Goodenough CG, Pui CH, Inaba H, Mulrooney DA, Kaste SC, Brinkman TM, Lanctot JQ, Srivastava DK, Jefferies JL, Armstrong GT, Robison LL, Hudson MM, **Ness KK**. Energy cost of walking in obese survivors of acute lymphoblastic leukemia: A report from the St. Jude Lifetime Cohort. *Front Pediatr*. 2022 Oct (in press). Role: Senior & corresponding author.
5. Williams AM, Mandelblatt J, Wang M, Armstrong GT, Bhakta N, Brinkman TM, Chemaitilly W, Ehrhardt MJ, Mulrooney DA, Small BJ, Wang Z, Yasui Y, Srivastava D, Robison LL, Hudson MM, **Ness KK**, Krull KR. Premature Aging as an Accumulation of Deficits in Young Adult Survivors of Pediatric Cancer. *J Natl Cancer Inst*. 2022 Nov (in press).

### iii. Original Research Articles Submitted for Review

1. Krull KR, Hudson MM, Robison LL, **Ness KK**, Brinkman TM, Liu W, Srivastava DK, Mulrooney D, Banerjee P, Dixon S, Williams, AL, Alexander T, Chemaitilly W. Metabolic syndrome and neurocognitive outcomes in long-term survivors of childhood cancer: A report from the St. Jude Cohort. Submitted for review.
2. Im C, Yuan Y, Austin ED, Stokes DC, Krasin MJ, Davidoff AM, Sapkota Y, Wang Z, **Ness KK**, Wilson CL, Armstrong GT, Hudson MM, Robison LL, Mulrooney DA, Yasui Y. Disease risk prediction with therapy-specific genetic susceptibility in a clinical population: late restrictive defects in childhood cancer survivors. Submitted for review.
3. Esbenshade A, Lu L, Friedman D, Oeffinger K, Armstrong GT, Krull KR, Neglia J, Leisenring W, Howell R, Partin R, Sketch A, Robison LL, **Ness KK**. Accumulation of chronic disease among survivors of childhood cancer. Submitted for review. Role: Senior author.
4. Wilson CL, Bjornard KL, Partin RE, Kadan-Lottick NS, Nathan PC, Oeffinger K, Hayashi RJ, Hyun G, Armstrong GT, Leisenring WM, Yasui Y, Dixon SB, Ehrhardt MJ, Robison LL, **Ness KK**. Trends in physical functioning in acute lymphoblastic leukemia and non-Hodgkin lymphoma survivors across three decades. Submitted for review. Role: Senior author
5. Tillery-Webster R, Gordon ML, Partin RE, Dhaduk R, Kunin-Batson AS, Brinkman TM, Willard VW, Allen JM, Alberts NM, Lanctot, JQ, Ehrhardt MJ, Li Z, Hudson MM, Robison LL, **Ness KK**. Health behavior profiles in young survivors of childhood cancer: Findings from the St. Jude Lifetime Cohort Study. Submitted for review. Role: Senior author.
6. Dixon SB, Liu Q, Chow EJ, Oeffinger KC, Nathan PC, Howell RM, Leisenring WM, Ehrhardt MJ, **Ness KK**, Krull KR, Mertens AC, Hudson MM, Robison LL, Yasui Y, Armstrong GT. Specific causes of late mortality, excess mortality risk, and modifiable risk factors among five-year survivors in the Childhood Cancer Survivor Study. Submitted for review.
7. Friedman DN, Goodman PS, Leisenring WM, Diller LR, Howell RM, Smith SA, Tonorezos ES, Wolden SL, Neglia JP, **Ness KK**, Gibson TM, Nathan PC, Weil BR, Robison LL, Oeffinger KC, Armstrong GT, Sklar CA, Henderson TO. Long Term Morbidity and Mortality among Survivors of Neuroblastoma Diagnosed During Infancy: A Report from the Childhood Cancer Survivor Study (CCSS). Submitted for review.



8. Phillips NS, Stratton KL, Williams AM, Ahles T, **Ness KK**, Cohen HJ, Edelstein K, Yasui Y, Oeffinger K, Chow EJ, Howell RM, Robison LL, Armstrong GT, Leisenring WM, Krull KR. Cognitive decline and modifiable risk factors in adult childhood cancer survivors: A report from the Childhood Cancer Survivor Study. Submitted for review.
9. Plonski NM, Chen C, Dong Q, Song N, Shelton K, Finch E, Easton J, Mulder H, Zhang J, Neale G, Walker E, Wang H, Krull KR, **Ness KK**, Hudson MM, Robison LL, Li Q, Williams AL, Wang Z. Epigenetic age in peripheral blood among children, adolescent, and adult survivors of childhood cancer. Submitted for review.

#### iv. Book Chapters and Monographs

1. **Ness KK**. Primary prevention/risk reduction for loss of balance and falling (pattern A). In Moffat M, Bohmert J, Hulme JB (Eds.), *Neuromuscular Essentials: Applying the Preferred Physical Therapist Practice Patterns*.<sup>SM</sup> 2008. SLACK Incorporated.
2. **Ness KK**, Gebhardt MC, Warwick AB, Hudson MM. Functional outcomes for survivors of pediatric sarcoma. *Am Soc Clin Oncol Educ Book*. 2008;479-483. Role: First author
3. Henderson TO, **Ness KK**, Cohen HJ. Accelerated aging among cancer survivors: From pediatrics to geriatrics. *Am Soc Clin Oncol Educ Book*. 2014:e423-430. PMID: 24857133.
4. Garcia MB, **Ness KK**, Schadler KL. Exercise and physical activity in patients with osteosarcoma and survivors. In *Advances in Experimental Medicine and Biology*, pp. 193-207, 2019. Springer Publishing. [https://doi.org/10.1007/978-3-030-43032-0\\_16](https://doi.org/10.1007/978-3-030-43032-0_16)

#### v. Reviews

1. Galantino ML, Marchese V, **Ness KK**, Gilchrist LS. Oncology physical therapy research: A need for collaboration and the quest for quality of life in cancer survivors-Part I. Review. *Rehabil Oncol*. 2005;23:10-16.
2. **Ness KK**, Gilchrist LS, Marchese V, Galantino ML. Oncology physical therapy research: Investigations and strategies for clinicians. Review. *Rehabil Oncol*. 2006;24:18-28. Role: First author
3. Schultz KP, **Ness KK**, Nagarajan R, Steiner ME. Adnexal masses in infancy and childhood. Review. *Clin Obstet Gynecol*. 2006 Sep;49(3):464-479. PMID: 16885654.
4. **Ness KK**, Gurney JG. Adverse late effects of childhood cancer and its treatment on health and performance. Review. Review. *Annual Rev Public Health*. 2007;28:279-302. PMID: 17367288. Role: First & corresponding author
5. Hijjiya N, **Ness KK**, Ribeiro RC, Hudson MM. Acute leukemia as a secondary malignancy in children and adolescents: Current findings and issues. Review. *Cancer*. 2009 Jan 1;115(1):23-35. PMID: 19072983.
6. Gilchrist LS, Galantino ML, Wampler M, Marchese VG, Morris GS, **Ness KK**. A framework for assessment in oncology rehabilitation. Review. *Phys Ther*. 2009 Mar;89(3):286-306. PMID: 19147708. Role: Senior author
7. Gurney JG, Krull KR, Kadan-Lottick N, Nicholson HS, Nathan PC, Zebrack B, Tersak JM, **Ness KK**. Social outcomes in the Childhood Cancer Survivor Study cohort. Review. *J Clin Oncol*. 2009 May 10;27(14):2390-2395. PMID: 19224833. Role: Senior author
8. Nathan PC, Ford JS, Henderson TO, Hudson MM, Emmons KM, Casillas JN, Lown EA, **Ness KK**, Oeffinger KC. Health behaviors, medical care, and interventions to promote healthy living in the Childhood Cancer Survivor Study cohort. Review. *J Clin Oncol*. 2009 May 10;27(14):2363-2373. PMID: 19255308.
9. **Ness KK**, Hudson MM, Ginsberg JP, Nagarajan R, Kaste SC, Marina N, Whitton J, Robison LL, Gurney JG. Physical performance limitations in the Childhood Cancer Survivor Study cohort. Review. *J Clin Oncol*. 2009 May 10;27(14):2382-2389. PMID: 19332713. Role: First & corresponding author

10. Gapstur R, Gross CR, **Ness KK**. Factors associated with sleep-wake disturbances in child and adult survivors of pediatric brain tumors: A review. Review. *Oncol Nurs Forum*. 2009 Nov;36(6):723-731. PMID: 19887361. Role: Senior author
11. Marchese VG, Morris GS, Gilchrist LS, **Ness KK**, Wampler M, VanHoose L, Galantino ML. Screening for chemotherapy adverse late effects. Review. *Top Geriatr Rehabil*. 2011;27:234-243. doi: 10.1097/TGR.0b013e318219912a.
12. Huang TT, **Ness KK**. Exercise interventions in children with cancer: A review. Review. *Int J Pediatr*. 2011;2011:461512. PMID: 22121378. Role: Senior author
13. **Ness KK**, Armenian SH, Kadan-Lottick N, Gurney JG. Adverse effects of treatment in childhood acute lymphoblastic leukemia: General overview and implications for long-term cardiac health. Review. *Expert Rev Hematol*. 2011 Apr;4(2):185-197. PMID: 21495928. Role: First & corresponding author
14. Huang TT, Hudson MM, Stokes SC, Krasin MJ, Spunt SL, **Ness KK**. Pulmonary outcomes in survivors of childhood cancer: A systematic review. Review. *Chest*. 2011 Oct;140(4):881-901. PMID: 21415131. Role: Senior author
15. Parsons SK, Phipps S, Sung L, Baker KS, Pulsipher MA, **Ness KK**. NCI, NHLBI/PBMTC First International Conference on Late Effects after Pediatric Hematopoietic Cell Transplantation: Health-related quality of life, functional, and neurocognitive outcomes. Review. *Biol Blood Marrow Transplant*. 2012 Feb;18(2):162-171. PMID: 22155139. Role: Senior author
16. Gawade PL, **Ness KK**, Sharma S, Li Z, Srivastava DK, Spunt SL, Nottage K, Krasin MJ, Hudson MM, Kaste SC. Association of bone mineral density with incidental renal stone in long-term survivors of childhood acute lymphoblastic leukemia. Review. *J Cancer Surviv*. 2012 Dec;6(4):388-397. PMID: 22956305.
17. Tomlinson D, Hinds PS, Ethier MC, **Ness KK**, Zupanec S, Sung L. Psychometric properties of instruments used to measure fatigue in children and adolescents with cancer: A systematic review. Review. *J Pain Symptom Manage*. 2013 Jan;45(1):83-91. PMID: 22889860.
18. Stubblefield MD, Schmitz KH, **Ness KK**. Physical functioning and rehabilitation for the cancer survivor. Review. *Semin Oncol*. 2013 Dec;40(6):784-795. PMID: 24331197. Role: Senior & corresponding author
19. Wilson CL, **Ness KK**. Bone mineral density deficits and fractures in survivors of childhood cancer. Review. *Curr Osteoporos Rep*. 2013 Dec;11(4):329-337. PMID: 24043370. Role: Senior author
20. Gawade PL, Hudson MM, Kaste SC, Neglia JP, Wasilewski-Masker K, Constine LS, Robison LL, **Ness KK**. A systematic review of selected musculoskeletal late effects in survivors of childhood cancer. Review. *Curr Pediatr Rev*. 2014;10(4):249-262. PMID: 25403639. Role: Senior & corresponding author
21. Gawade PL, Hudson MM, Kaste SC, Neglia JP, Constine LS, Robison LL, **Ness KK**. A systematic review of dental late effects in survivors of childhood cancer. Review. *Pediatr Blood Cancer*. 2014 Mar;61(3):407-416. PMID: 24424790. Role: Senior author
22. Ligibel JA, Alfano CM, Courneya KS, Demark-Wahnefried W, Burger RA, Chlebowski RT, Fabian CJ, Gucalp A, Hershman DL, Hudson MM, Jones LW, Kakarala M, **Ness KK**, Merrill JK, Wollins DS, Hudis CA. American Society of Clinical Oncology position statement on obesity and cancer. Review. *J Clin Oncol*. 2014 Nov 1;32(31):3568-3574. PMID: 25273035.
23. Khan RB, Hudson MM, Ledet DS, Morris EB, Pui CH, Howard SC, Krull KR, Hinds PS, Crom D, Browne E, Zhu L, Rai S, Srivastava D, **Ness KK**. Neurologic morbidity and quality of life in survivors of childhood acute lymphoblastic leukemia: A prospective cross-sectional study. Review. *J Cancer Surviv*. 2014 Dec;8(4):688-696. PMID: 25008582. Role: Senior author
24. Wilson CL, Gawade PL, **Ness KK**. Impairments that influence physical function among survivors of

- childhood cancer. Review. *Children (Basel)*. 2015;2(1):1-36. PMID: 25692094. Role: Senior author
25. **Ness KK**, Armstrong GT, Kundu M, Wilson CL, Tchkonina T, Kirkland JL. Frailty in childhood cancer survivors. Review. *Cancer*. 2015 May;121(10):1540-1547. PMID: 25529481. Role: First & corresponding author
  26. Gibson TM, Ehrhardt MJ, **Ness KK**. Obesity and metabolic syndrome among adult survivors of childhood leukemia. Review. *Curr Treat Options Oncol*. 2016 Apr;17(4):17. PMID: 26951206. Role: Senior & corresponding author
  27. Stout NL, Silver JK, Raj VS, Rowland J, Gerber L, Chevillat A, **Ness KK**, Radomski M, Nitkin R, Stubblefield MD, Morris GS, Acevedo A, Brandon Z, Braveman B, Cunningham S, Gilchrist L, Jones L, Padgett L, Wolf T, Winters-Stone K, Campbell G, Hendricks J, Perkins K, Chan L. Toward a national initiative in cancer rehabilitation: Recommendations from a subject matter expert group. Review. *Arch Phys Med Rehabil*. 2016 Nov;97(11):2006-2015. PMID: 27237580.
  28. **Ness KK**, Howell CR, Bjornard KL. Frailty and quality of life in adult survivors of childhood cancer. Review. *Expert Rev Qual Life Cancer Care*. 2017;2(2):79-85. PMID: 28451645. Role: First & corresponding author
  29. Alfano CM, Ligibel JA, Pergolotti M, Price N, **Ness KK**, Schmitz K, Jones L, Zucker D. A precision medicine approach to improve cancer rehabilitation's impact and integration with cancer care and optimize patient wellness. Review. *Curr Phys Med Rehabil Rep*. 2017 Mar;5(1):66-73.
  30. 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. Review. *Cancer Epidemiol Biomarkers Prev*. 2017 May;26(5):666-674. PMID: 28035022.
  31. Mizrahi D, Wakefield C, Fardell JE, Quinn VF, Lim Q, Clifford BK, Simar D, **Ness KK**, Cohn RJ. Distance-delivered physical activity interventions for childhood cancer survivors: A systematic review and meta-analysis. Review. *Crit Rev Oncol Hematol*. 2017 Oct;118:27-41. PMID: 28917267.
  32. Gibson TM, Li Z, Green DM, Armstrong GT, Mulrooney DA, Srivastava D, Bhakta N, **Ness KK**, Hudson MM, Robison LL. Blood pressure status in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study. Review. *Cancer Epidemiol Biomarkers Prev*. 2017 Dec;26(12):1705-1713. PMID: 29167278.
  33. Cupit-Link MC, Kirkland JL, **Ness KK**, Armstrong GT, Tchkonina T, LeBrasseur NK, Armenian SH, Ruddy KJ, Hashmi SK. Biology of premature ageing in survivors of cancer. Review. *ESMO Open*. 2017 Dec 18;2(5):e000250. PMID: 29326844.
  34. 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. Review. *CA Cancer J Clin*. 2018 Mar;68(2):133-152. PMID: 29377070.
  35. **Ness KK**, Kirkland JL, Gramatges MM, Wang Z, Kundu M, McCastlain KA, LH X, Zhang J, Tchkonina T, Pluijm S, Armstrong GT. Premature physiologic aging as a paradigm for understanding increased risk for adverse health across the lifespan of survivors of childhood cancer. Review. *J Clin Oncol*. 2018 Jul 20;36(21):2206-2215. PMID: 29874132. Role: First & corresponding author
  36. Bjornard KL, Gilchrist LS, Inaba H, Diouf B, Hockenberry MJ, Kadan-Lottick NS, Bowers DC, Dolan ME, Ullrich NJ, Evans WE, **Ness KK**. Peripheral neuropathy in children and adolescents treated for cancer. Review. *Lancet Child Adolesc Health*. 2018 Oct;2(10):744-754. PMID: 30236383. Role: Senior author
  37. Stout NL, Silver JK, Alfano CM, **Ness KK**, Gilchrist LS. Long-term survivorship care after cancer treatment:

A new emphasis on the role of rehabilitation services. Review. Phys Ther. 2019 Jan 1;99(1):10-13. PMID: 30329114.

38. Armenian SH, Gibson CJ, Rockne RC, **Ness KK**. Premature aging in young cancer survivors. Review. J Natl Cancer Inst. 2019 Mar 1;111(3):226-232. PMID: 30715446. Role: Senior author
39. Pagnotti GM, Styner M, Uzer G, Patel VS, Wright LE, **Ness KK**, Guise TA, Rubin J, Rubin CT. Combating osteoporosis and obesity with exercise: Leveraging cell mechanosensitivity. Review. Nat Rev Endocrinol. 2019 Jun;15(6):339-355. PMID: 30814687.
40. Esbenschade A, **Ness KK**. Dietary and exercise interventions for pediatric oncology patients: The way forward. Review. J Natl Cancer Inst Monogr. 2019 Sep 1;2019(54):157-162. PMID: 31532528.
41. Newman RM, Alfano CM, Radomski MV, Pergolotti M, Wolf TJ, Sleight AG, Bryant AL, Voelbel GT, de Moor JS, Nitkin R, Daniels E, Braveman B, Walker RK, Williams GR, Winters-Stone KM, Cheville AL, Campbell SE, Lawlor MC, King AA, **Ness KK**, Srivastava P, Lyons KD. Catalyzing research to optimize cancer survivors' participation in work and life roles. Review. OTJR (Thorofare N J). 2019 Oct;39(4):189-196. PMID: 31046601.
42. Guida JL, Ahles TA, Belsky D, Campisi J, Cohen HJ, DeGregori J, Fuldner R, Ferrucci L, Gallicchio L, Gavrilov L, Gavrilova N, Green PA, Jhappan C, Kohanski R, Krull K, Mandelblatt J, **Ness KK**, O'Mara A, Price N, Schrack J, Studenski S, Theou O, Tracy RP, Hurria A. Measuring aging and identifying aging phenotypes in cancer survivors. Review. J Natl Cancer Inst. 2019 Dec 1;111(12):1245-1254. PMID: 31321426.
43. Garcia MB, **Ness KK**, Schadler KL. Exercise and physical activity in patients with osteosarcoma and survivors. Review. Adv Exp Med Biol. 2020;1257:193-207. PMID: 32483741.
44. Chow EJ, **Ness KK**, Armstrong GT, Bhakta N, Yeh JM, Bhatia S, Landier W, Constine LS, Hudson MM, Nathan PC. Current and coming challenges in the management of the survivorship population. Review. Semin Oncol. 2020 Feb;47(1):23-39. PMID: 32197774.
45. **Ness KK**, Wogksch M. Frailty and aging in cancer survivors. Review. Transl Res. 2020 Jul;221:65-82. PMID: 32360946. Role: First author, senior author
46. Dixon SB, Chow EJ, Hjorth L, Hudson MM, Kremer LCM, Nathan PC, **Ness KK**, Oeffinger KC, Armstrong GT. The future of childhood cancer survivorship: Challenges and opportunities for continued progress. Review. Pediatr Clin North Am. 2020 Dec 1;67(6):1237-1251. PMID: 33131544.
47. Guida JL, JL, Agurs-Collins T, Ahles TA, Campisi J, Dale W, Demark-Wahnefried W, Dietrich J, Fuldner R, Gallicchio L, Green PA, Hurria A, Janelsins MC, Jhappan C, Kirkland JL, Kohanski R, Longo V, Meydani S, Mohile S, Niedernhofer LJ, Nelson C, Perna F, Schadler K, Scott JM, Schrack JA, Tracy RP, van Deursen J, **Ness KK**. Strategies to Prevent or Remediate Cancer and Treatment-Related Aging. Review. J Natl Cancer Inst. 2021 Feb 1;113(2):112-122. PMID: 32348501. Role: Senior author
48. Gunturkun F, Akbilgic O, Davis RL, Armstrong GT, Howell RM, Jefferies JL, **Ness KK**, Karabayir I, Lucas JT Jr, Srivastava DK, Hudson MM, Robison LL, Soliman EZ, Mulrooney DA. Artificial intelligence-assisted prediction of late-onset cardiomyopathy among childhood cancer survivors. Review. JCO Clin Cancer Inform. 2021 Apr;5:459-468. PMID: 33909450.
49. Goodenough CG, Partin RE, **Ness KK**. Skeletal muscle and childhood cancer: Where are we now and where we go from here. Review. Aging Cancer. 2021 Jun;2(1-2):13-35. PMID: 34541550. Role: Senior & corresponding author.
50. van Atteveld JE, Mulder RL, van den Heuvel-Eibrink MM, Hudson MM, Kremer LCM, Skinner R, Wallace WH, Constine LS, Higham CE, Kaste SC, Niinimäki R, Mostoufi-Moab S, Alos N, Fintini D, Templeton KJ, Ward LM, Frey E, Franceschi R, Pavasovic V, Karol SE, Amin NL, Vrooman LM, Harila-Saari A, Demoor-Goldschmidt C, Murray RD, Bardi E, Lequin MH, Faienza MF, Zaikova O, Berger C, Mora S, **Ness KK**, Neggers SJCMM, Pluijm SMF, Simmons JH, Di Iorgi N. Bone mineral density surveillance for childhood,

adolescent, and young adult cancer survivors: Evidence-based recommendations from the International Late Effects of Childhood Cancer Guideline Harmonization Group. Review. *Lancet Diabetes Endocrinol*. 2021 Sep;9(9):622-637. Review. PMID: 34339631.

51. Williams AM, Krull KR, Howell CR, Banerjee P, Brinkman TM, Kaste SC, Partin RE, Srivastava D, Yasui Y, Armstrong GT, Robison LL, Hudson MM, **Ness KK**. Physiologic frailty and neurocognitive decline among young-adult childhood cancer survivors: A prospective study from the St. Jude Lifetime Cohort. Review. *J Clin Oncol*. 2021 Nov 1;39(31):3485-3495. PMID: 34283634. Role: Senior author
52. Wogksch MD, Goodenough CG, Finch ER, Partin RE, **Ness KK**. Physical activity and fitness in childhood cancer survivors: A scoping review. Review. *Aging Cancer*. 2021 Dec;2(4):112-128. PMID: 35098147. Role: Senior & corresponding author
53. Chow EJ, Winestone LE, Lupo PJ, Diller LR, Henderson TO, Kadan-Lottick NS, Levine JM, **Ness KK**, Bhatia S, Armenian SH. Leveraging clinical trial populations and data from the Children's Oncology Group for cancer survivorship research. Review. *Cancer Epidemiol Biomarkers Prev*. 2022 Sep 2;31(9):1675-1682. PMID: 35732489.
54. Smith KN, Baynard T, Fischbach PS, Hankins JS, Hsu LL, Murphy PM, **Ness KK**, Radom-Aizik S, Tang A, Liem RI. Safety of maximal cardiopulmonary exercise testing in individuals with sickle cell disease: A systematic review. Review. *Br J Sports Med*. 2022 Jul;56(13):764-769. PMID: 34285054.

#### vi. Editorials and Commentaries

1. **Ness KK**, Rao BN, Daw NC. More than physical function: HRQOL among children and adolescents with lower extremity bone sarcoma. Comment. *Pediatr Blood Cancer*. 2009 Sep;53(3):310-311. PMID: 19544376. Role: First & corresponding author
2. **Ness KK**, Chemaitilly W, Kaste SC. Vertebral compression fractures during chemotherapy for childhood acute lymphoblastic leukemia: Commentary on a report from the STeroid Associated Osteoporosis in the Pediatric Population (STOPP) research program. Editorial. *Transl Pediatr*. 2012 Oct;1(2):65-67. PMID: 26835265. Role: First & corresponding author
3. Armstrong GT, Joshi VM, Zhu L, Srivastava D, Zhang N, **Ness KK**, Stokes DC, Krasin MT, Fowler JA, Robison LL, Hudson MM, Green DM. Reply to P.J. Leary et al. Comment. *J Clin Oncol*. 2013 Aug 1;31(22):2834-2835. PMID: 24058930.
4. **Ness KK**, Armstrong GT. Screening for cardiac autonomic dysfunction among Hodgkin lymphoma survivors treated with thoracic radiation. Editorial. *J Am Coll Cardiol*. 2015 Feb 17;65(6):584-585. PMID: 25677318. Role: First author
5. Marina NM, Liu Q, Donaldson SS, Sklar CA, Armstrong GT, Oeffinger KC, Leisenring WM, Ginsberg JP, Henderson TO, Neglia JP, Stovall MA, Yasui Y, Randall RL, Geller DS, Robison LL, **Ness KK**. Reply to Second malignancies in Ewing sarcoma survivors. Comment. *Cancer*. 2017 Oct 15;123(20):4075-4076. PMID: 28837220. Role: Senior author
6. **Ness KK**. Pediatric oncology rehabilitation. *Rehab Oncol*. 2017 Jan;35(1);2.
7. Varedi M, **Ness KK**, McKenna RF. Balance deficits in long-term pediatric ALL survivors. Editorial. *Oncotarget*. 2018 Aug 24;9(66):32554-32555. PMID: 30220964.
8. **Ness KK**, Gilchrist L. Innovations in rehabilitation for people who have cancer or who have survived cancer. Editorial. *Phys Ther*. 2020 Mar 10;100(3):361-362. PMID: 32154896. Role: First author
9. **Ness KK**. The need for an early biomarker of cardiovascular disease in survivors of Hodgkin Lymphoma. Editorial. *JACC Cardio Oncol*. *JACC CardioOncol*. 2021 Jun 15;3(2):274-276. PMID: 34396334.
10. Ha L, Mizrahi D, **Ness KK**. A Decision-making algorithm for children with suspected Coronavirus Disease 2019. Comment. *JAMA Pediatr*. 2020 Dec 1;174(12):1222. PMID: 32955581.

11. Chan RJ, Nekhlyudov L, Duijts SFA, Hudson SV, Jones JM, Keogh J, Love B, Lustberg MB, Mehnert-Theuerkauf A, Nathan P, **Ness KK**, Sheppard VB, Smith K, Tevaarwerk A, Yu X, Feuerstein M. Future research in cancer survivorship. Editorial. *J Cancer Surviv*. 2021 Oct;15(5):659-667. PMID: 34460055.
12. Delaney A, **Ness KK**. Response to Makiyama, Momosaki, Yodoshi, et al. Comment. *J Natl Cancer Inst*. 2022 Jan 12;djac002. PMID: 35022751.

## 16. Presentations

### A. Oral presentations-Invited Speaker

1. Childhood cancer-rehabilitation strategies. St. Catherine University. August 2005. Role: Invited speaker
2. Medicare & Medicaid reimbursement systems. St. Catherine University. December 2005. Role: Invited speaker
3. Functional limitations in cancer survivors. Physical Medicine & Rehabilitation Grand Rounds. University of Minnesota. April 2006. Role: Invited speaker
4. Exercise for childhood cancer survivors. APTA Combined Sections Meeting. February 2008. Role: Invited speaker
5. Remaining physically active after cancer. University of Minnesota Survivor Day. Minneapolis, Minnesota. April 2008. Role: Invited speaker
6. Low magnitude, high frequency mechanical stimulation to enhance bone health in childhood cancer survivors. Post-doctoral seminar. St. Jude Children's Research Hospital. May 2008. Role: Invited speaker
7. Functional outcomes, problems and quality of life in childhood sarcoma survivors. ASCO Meeting. June 2008. Role: Invited speaker
8. The implication of sample size for evidence-based practice: what does power mean in the context of statistical and clinical significance? APTA Combined Sections Meeting. February 2009. Role: Invited speaker
9. Exercise planning after cancer. University of Minnesota Survivor Day. Minneapolis, Minnesota. April 2009. Role: Invited speaker
10. Neurosensory and neuromuscular function in adult survivors of childhood cancer. Section of pediatric hematology-oncology. Yale University School of Medicine. October 2009. Role: Invited speaker
11. Measuring, monitoring and mediating physical function in childhood cancer survivors. Department of Pediatrics Grand Rounds. University of Minnesota. December 2009. Role: Invited speaker
12. Physical therapy for children with cancer. APTA Annual Conference. June 2010. Role: Invited speaker
13. Evaluation of a potential patient reported outcome for neuropathic pain. Children's Oncology Group, COG PRO/QoL Resource Center workshop. August 2010. Role: Invited speaker
14. Prevalence, prediction and prevention of physical performance limitations among childhood cancer survivors. The Hospital for Sick Children, Pediatric Oncology Rounds. September 2010. Role: Invited speaker
15. Physical inactivity and body composition among childhood cancer survivors. AICR Annual Conference. October 2010. Role: Invited speaker
16. The impact of osteosarcoma and its management on daily activity, mobility and athletic participation.

- Pediatric Oncology Group Ontario. November 2010. Role: Invited speaker
17. Function and frailty among childhood cancer survivors. Cincinnati Children's Hospital, Pediatric Oncology and Physical Medicine and Rehabilitation Grand Rounds. December 2010. Role: Invited speaker
  18. Management of chemotherapy-induced peripheral neuropathy. APTA Combined Sections Meeting. February 2011. Role: Invited speaker
  19. Measuring outcomes in oncology rehabilitation. American Physical Therapy Association Combined Sections Meeting. New Orleans, LA. February 2011. Role: Invited speaker
  20. Functional outcomes after pediatric hematopoietic cell transplantation. NIH/PBMTC First International Conference on Late Effects after Pediatric Hematopoietic Cell Transplantation. April 2011. Role: Invited speaker
  21. Functional characteristics of adult survivors of childhood cancer with impaired growth hormone function. Wake Forest University. May 2011. Role: Invited speaker
  22. Balance impairment in adult survivors of childhood cancer treated with platinum. 43rd Congress of the International Society of Paediatric Oncology. October 2011. Role: Invited speaker
  23. Describing function in childhood cancer survivors-knowledge gained from surveys, surveillance, and cells. Sydney Children's Hospital. November 2011. Role: Invited speaker
  24. Evidence for exercise. St. Jude Children's Research Hospital Grand Rounds. January 2012. Role: Invited speaker
  25. Feasibility of exercise intervention for children with T-cell acute lymphoblastic leukemia. Children's Oncology Group. April 2012. Role: Invited speaker
  26. Development and review of survey research: The basics. St. Jude Children's Research Hospital Clinical Research Forum. April 2012. Role: Invited speaker
  27. Exercise in children with cancer and among childhood cancer survivors. University of Toronto. April 2012. Role: Invited speaker
  28. Rehabilitation and childhood cancer-the evidence for exercise. Cincinnati Children's Hospital Medical Center, Best Practices in Pediatric Occupational Therapy and Physical Therapy 2012. November 2012. Role: Invited speaker
  29. Significant findings from oncology rehabilitation and the importance of case studies in generating such studies. APTA Meeting. January 2013. Role: Invited speaker
  30. The evidence for frail health among childhood cancer survivors. Memorial Sloan-Kettering Cancer Center, Rehabilitation Medicine Grand Rounds. April 3, 2013. Role: Invited speaker
  31. 2012 FDP Faculty administrative workload burden survey. National Council of University Research Administrators (NCURA) Region III Meeting. April 29, 2013. Role: Invited speaker
  32. Late effects of cancer treatment. The Society of Pediatric Radiology 2013 Postgraduate Course. May 15, 2013. Role: Invited speaker
  33. Pulmonary late effects in childhood cancer survivors. Le Bonheur Children's Hospital combined with the 2013 Dr. Phillip George Lectureship in Pediatric Pulmonology. June 14, 2013. Role: Invited speaker
  34. Evidence for early onset of aging among adult survivors of childhood cancer. Mayo Clinic Robert and Arlene Kogod Center on Aging Seminar. September 9, 2013. Role: Invited speaker
  35. The role of physical therapy in pediatric oncology. APTA Combined Sections Meeting. February 3, 2014.

Role: Invited speaker

36. Management of chemotherapy-induced (and other) peripheral neuropathies at any age. APTA Combined Sections Meeting. February 6, 2014. Role: Invited speaker
37. Evidence for an aging phenotype among adult survivors of childhood cancer. University of California School of Medicine, Departments of Orthopedic Surgery and Bioengineering. February 24, 2014. Role: Invited speaker
38. Aging in the context of chronic disease. The American Psychosomatic Society Annual Meeting. March 13, 2014. Role: Invited speaker
39. Functional health and fitness interventions in survivors of pediatric sarcoma. MD Anderson Cancer Center. The University of Texas. April 14, 2014. Role: Invited speaker
40. Accelerated aging in cancer survivors: Lessons learned from longitudinal follow-up studies. ASCO Annual Meeting. June 1, 2014. Role: Invited speaker
41. Interventions for cardiovascular and musculoskeletal health among children with cancer. 2nd Annual Cancer Rehabilitation Symposium. Memorial Sloan-Kettering Cancer Center. June 6-7, 2014. Role: Invited speaker
42. Using data from survivor studies to design prevention and remediation trials. City of Hope. July 17, 2014. Role: Invited speaker
43. Prevalence of frailty in childhood cancer survivors: Opportunities for intervention. Mayo Clinic-Robert and Arlene Kogod Center on Aging Conference. Mayo Clinic. October 25, 2014. Role: Invited speaker
44. Physical activity among childhood cancer survivors-the evidence for exercise. AICR Meeting. October 30, 2014. Role: Invited speaker
45. The price of cure: Frailty in survivors of childhood cancer. AICR Annual Meeting. April 18, 2015. Role: Invited speaker
46. Optimizing health and fitness following cancer therapy. 10<sup>th</sup> Annual Cancer Survivorship Conference-Mind and Body Wellness for the Cancer Survivor. University of Minnesota. May 2, 2015. Role: Invited speaker
47. Evidence for an aging phenotype in childhood cancer survivors. City of Hope. May 12, 2015. Role: Invited speaker
48. Exercise, fitness and obesity. 2015 James H. Horner, MD, Distinguished Visiting Professorship. University of Tennessee Health Sciences Center. September 18, 2015. Role: Invited speaker
49. The role of health care professionals in chronic disease prevention and health promotion. 92nd ACRM Annual Conference. October 26, 2015. Role: Invited speaker
50. Functional outcomes in AYA sarcoma patients. Adolescent & Young Adult Sarcoma Symposium. CTOS Annual Meeting. November 7, 2015. Role: Invited speaker
51. Evidence for an aging phenotype in childhood cancer survivors. Sidney Kimmel Cancer Center at Thomas Jefferson University. November 17, 2015. Role: Invited speaker
52. Outcomes research in Epidemiology and Cancer Control: From observation to intervention. St. Jude Children's Research Hospital. November 20, 2015. Role: Invited speaker
53. Frailty in older survivors-a novel outcome. POGO Annual After Care Education Day. June 13, 2016. Role: Invited speaker
54. Integrating cancer rehabilitation into cancer care. Innovation in rapidly changing landscape. 8th Biennial



- Cancer Survivorship Research Symposium. St. Jude Children's Research Hospital. June 16-18, 2016.  
Role: Invited speaker
55. Frailty phenotype in childhood cancer survivors; a model of treatment-induced accelerated aging. Workshop on Hematology and Aging: Highlighting Novel Science and Promoting a Research Agenda. 3rd Annual Scientific Workshop in Hematology and Aging. 58th ASH Annual Meeting & Exposition, American Society of Hematology. December 1-3, 2016. Role: Invited speaker
  56. Exercise interventions during and following treatment for childhood cancer. Grand Rounds. Rocky Mountain Hospital for Children. December 16, 2016. Role: Invited speaker
  57. Physical activity in the prevention of frailty (promotion of fitness) in childhood cancer survivors. Workshop on Cancer and Aging. UCLA Luskin Center, University of California. February 8, 2017. Role: Invited speaker
  58. Exercise interventions during and after treatment for childhood cancer. Grand Rounds Speaker. MD Anderson Cancer Center, University of Texas. April 17, 2017. Role: Invited speaker
  59. Characterizing and remediating frail health in childhood cancer survivors. 2017 Science of Cancer Survivorship Series. National Cancer Institute, Office of Cancer Survivorship. May 10, 2017. Role: Invited speaker
  60. Physical rehabilitation for children during, soon after and many years after cancer therapy. NSPHO Annual Conference. May 26, 2017. Role: Invited speaker
  61. Muscle function in children with leukemia-the effects of treatment on long-term physiological health. 1st CLEAR Annual Conference. July 2, 2017. Role: Invited speaker
  62. Exercise interventions during and following treatment for childhood cancer. Pediatric Cancer Care: Implications for the Continuum of Rehabilitation. Seattle Children's Hospital, Rehabilitation Department. September 17, 2017. Role: Invited speaker
  63. Incorporating physical activity & nutrition into adolescent and young adult programs. 2nd GAYA Congress. December 5-7, 2017. Role: Invited speaker
  64. Characterizing and remediating frail health in childhood cancer survivors. AFLAC Research Conference at AFLAC Cancer and Blood Disorders Center of Children's Healthcare of Atlanta and Emory University School of Medicine. December 11-12, 2017. Role: Invited speaker
  65. Clinical aging phenotypes. Measuring Aging and Identifying Aging Phenotypes in Cancer Survivors Think Tank Meeting. National Cancer Institute. July 25-26, 2018. Role: Invited speaker
  66. Current developments in physical therapy and rehabilitation for pediatric survivors. Modeling the Activity of Children and Youth (MACY) Workshop. National Cancer Institute. August 30-31, 2018. Role: Invited speaker.
  67. Exercise trials in pediatric Oncology. COG State of Science Nutrition Meeting. October 1, 2018. Role: Invited speaker
  68. Emerging technologies in childhood cancer survivorship. 2018 Emerging Technologies in Childhood Cancer Survivorship Research Conference. Texas Children's Hospital, Cancer and Hematology Centers. November 9, 2018. Role: Invited speaker
  69. Function and frail health in childhood cancer survivors. Texas Children's Hematology and Oncology Center's Research Seminar Series. January 3, 2019. Role: Invited speaker
  70. Science of survivorship: The intersection of survivorship and aging. AACR Annual Meeting. April 1, 2019. Role: Invited speaker

71. Muscle function and physical activity. Childhood Leukaemia Early Adverse Reactions Conference (CLEAR). May 9-11, 2019. Role: Invited speaker
72. Remediating frail health in childhood cancer survivors. 10<sup>th</sup> Annual Alliance for Healthy Aging, Newcastle University Institute for Ageing. October 24-26, 2019. Role: Invited speaker
73. Premature aging and frail health in childhood cancer survivors. 29<sup>th</sup> Annual Beckman Symposium on Cancer from Cradle to Grave: Age and its Effects on Cancer Biology, Therapy and Outcomes. November 1, 2019. Role: Invited speaker
74. Canaries in the coal mine: What can we learn about aging in survivors of childhood cancer? Cancer Seminar Series. University of Tennessee Health Sciences Center. December 10, 2019. Role: Invited speaker
75. Physical functioning. NASEM Committee on Childhood Cancers and Disability. January 21, 2020. Role: Invited speaker
76. Physical therapy and oncology care: Systemic influences, implementation, cost, and the need for more research. APTA Combined Sections Meeting. February 13, 2020. Role: Invited Speaker
77. Promoting a healthy lifestyle during and after cancer therapy. Options in the hospital, at home, and in the community. Children's Hospital of Wisconsin Cancer Survivorship Conference. October 16, 2020. Role: Invited speaker
78. Exercise interventions for children with cancer. ACSM Mid-Atlantic Regional Meeting. Harrisburg PA. November 5-7, 2020. Role: Invited speaker
79. Accelerated aging among childhood cancer survivors. CBP Science Circus 2021. January 8, 2021. Role: Invited speaker
80. Accelerated aging: Survivorship considerations. Transplantation & Cellular Therapy Meetings. ASTCT and CIBMTR. February 8-12, 2021. Role: Invited speaker
81. Frailty in childhood cancer survivors from observation to intervention. Rehabilitation Services Speaker Series. St. Jude Children's Research Hospital. April 1, 2021. Role: Invited speaker
82. Interventions to prevent loss of fitness and function in children during and following cancer therapy. 2021 ACSM Annual Meeting, World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise in Regenerative Medicine. June 1-5, 2021. Role: Invited speaker
83. Innovative research designs and measures for clinical studies. Translating Energy Balance From Bench to Communities: Application of Parallel Animal-Human Studies in Cancer. Houston, TX. July 8-10, 2021. Role: Invited speaker
84. Evidence for accelerated aging in childhood cancer survivors and the need for rehabilitation. ACRM 2021 Annual Meeting. September 27, 2021. Invited speaker
85. Interventions to prevent or remediate frailty in childhood cancer survivors. St. Jude Science of Childhood Cancer. St. Jude Children's Research Hospital. November 4, 2021. Role: Invited speaker
86. Rehabilitation for children, adolescents and young adults with sarcoma. International EHOOG Congress 2021. November 10-13, 2021. Virtual. Role: Invited speaker
87. Recruitment and retention in clinical research. St. Jude Graduate School of Biomedical Sciences. December 8, 2021. Role: Invited speaker
88. Avoiding hippocampal injury and augmenting hippocampal function strategies to improve hippocampal functions. PBII Research Symposium: Imaging Structure and Functions of Hippocampus. February 25, 2022. Role: Invited speaker

89. Improving physical activity and fitness in childhood cancer survivors using wearable technology and social rewards. NCI Obesity & Cancer Webinar Series: Exercise and physical activity intervention in pediatric cancer survivors-from clinical applications to policy. National Cancer Institute. March 28, 2022. Role: Invited speaker
90. Accelerated aging in childhood cancer survivors-from observation to intervention. Survivorship Research Initiative. Georgetown University. April 8, 2022. Role: Invited speaker
91. Exercise as a strategy to improve hippocampal functions. St. Jude Biomedical Data Science Symposium. April 20, 2022. Role: Invited speaker
92. Physical functioning in childhood cancer survivors and premature aging and the need for lifestyle interventions. 1<sup>st</sup> International Pediatric Cardio-Oncology Conference (IPCOC). May 2022. Role: Invited speaker
93. Rehabilitation across the cancer continuum. St. Jude-Viva Survivorship Webinar. VIVA Foundation for Children with Cancer. June 2022. Role: Invited speaker
94. Frailty in childhood cancer survivors. Trans-NIH Geroscience Interest Group (GSIG). National Institute on Aging. July 21, 2022. Role: Invited speaker
95. Premature aging and frailty in cancer survivors. Fred Hutchison Cancer Survivorship Conference. September 9, 2022. Role: Invited speaker

#### **B. Oral presentations-Invited to Present**

1. Physical functioning in CCS and premature aging and the need for lifestyle interventions. 1<sup>st</sup> International Pediatric Cardio-Oncology Conference (IPCOC). October 21-22, 2022. Role: Invited speaker
2. Title TBA. Pediatric Oncology Group of Ontario (POGO) Multidisciplinary Symposium on Childhood Cancer. November 4-5, 2022. Role: Invited speaker

### **18. Abstracts**

#### **A. Abstracts**

1. **Ness KK**. Characteristics of leaders of effective teams in skilled nursing facilities. APTA Combined Sections Meeting. Seattle, WA. February 3-8, 1999. Role: First author
2. **Ness, KK**. Thompson LV. The effects of physical therapist designed strengthening and aerobic conditioning on balance in individuals with diagnoses of chronic alcoholism. APTA Combined Sections Meeting. Seattle, WA. February 3-8, 1999. Role: First author
3. **Ness KK**, Gray K. Thompson LV. Gender differences in outcome in individuals with diagnoses of chronic alcoholism following a physical therapist designed strengthening intervention. APTA Combined Sections Meeting. New Orleans, LA. February 1-6, 2000. Role: First author
4. **Ness KK**, Wall MM, Olsen RA, Boergerhoff LA, Gurney JG. Screening for risk of falling in the community-dwelling elderly may increase fear of falling. APTA Combined Sections Meeting. Nashville, TN. February 4-8, 2004. Role: First author
5. Meacham LR, Gurney JG, Mertens AC, **Ness KK**, Sklar CA, Robison LL, Oeffinger KC. Body mass index (BMI) and final height in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). 16th SPR Annual Meeting. Old Greenwich, CT. March 26-28, 2004. Poster presentation.
6. Meacham LR, Gurney JG, Mertens AC, **Ness KK**, Sklar CA, Robison LL, Oeffinger KC. Body mass index (BMI) and final height in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor

- Study (CCSS). 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Niagara-on-the-Lake, Ontario, Canada. June 2004. Oral presentation.
7. **Ness KK**, Gurney JG, Baker KS, Francisco L, Carter A, Forman SJ, Robison LL, Rosenthal J, Bhatia S. Functional Limitations, Physical Disability and Social Competence among HCT Survivors Transplanted during Childhood or Adolescence: A Report from the Bone Marrow Transplant Survivor Study. 46th ASH Annual Meeting. San Diego, CA. December 4-7, 2004. Role: Senior author. *Blood*. 2004;104(11):59.
  8. **Ness KK**, Bhatia S, Baker KS, Fransisco L, Carter A, Forman SJ, Robison LL, Rosenthal J, Gurney JG. Performance limitations and participation restrictions among HCT survivors treated during childhood: The Bone Marrow Transplant Survivor Study. 46th ASH Annual Meeting. San Diego, CA. December 4-7, 2004. Role: First author
  9. **Ness KK**, Baker KS, Gurney JG. Strength and mobility limitations in adult survivors of childhood ALL. APTA Combined Sections Meeting. New Orleans, LA. February 23-27. 2005. Role: First author
  10. Gurney JG, O'Leary M, **Ness KK**, Shalamar SD, Baker KS. Metabolic syndrome and growth hormone deficiency in adult survivors of childhood acute lymphoblastic leukemia. 18th ASPHO Annual Meeting. Washington, DC. May 13-16, 2005.
  11. **Ness KK**, Mertens AC, Hudson MM, Wall MM, Leisenring WM, Oeffinger KC, Sklar CA, Robison LL, Gurney JG. Physical performance limitations and participation restrictions among long-term childhood cancer survivors: The Childhood Cancer Survivor Study. 18th ASPHO Annual Meeting. Washington, DC. May 13-16, 2005. Poster presentation. First & corresponding author
  12. Baker KS, **Ness K**, Steinberger J, Carter A, Francisco L, Burns L, Sklar C, Forman S, Weisdorf D, Gurney J, Bhatia S. Diabetes, hypertension and cardiovascular events in survivors of hematopoietic cell transplantation (HCT): A report from the Bone Marrow Transplant Survivor Study. 47th ASH Annual Meeting. Atlanta, GA. December 10-12, 2005.
  13. Fraser C, Bhatia S, **Ness K**, Carter A, Francisco L, Arora M, Parker P, Forman S, Weisdorf D, Gurney J, Baker KS. Impact of chronic graft versus host disease (cGVHD) on the health status of hematopoietic cell transplantation (HCT) survivors: A report from the Bone Marrow Transplant Survivor Study. 47th ASH Annual Meeting. Atlanta, GA. December 10-12, 2005.
  14. Gurney JG, **Ness KK**, Rosenthal J, Forman SJ, Bhatia S, Baker KS. Cataracts and other neurosensory and neuromotor late effects in childhood HSCT survivors. 47th ASH Annual Meeting. Atlanta, GA. December 10-12, 2005.
  15. Schultz KAP, **Ness KK**, Whitton J, Recklitis C, Zebrack B, Robison L, Zeltzer L, Mertens AC. Social adjustment of adolescent survivors in the Childhood Cancer Survivor Study. 9th International Conference on Long Term Complications of Treatment of Children and Adolescent for Cancer. June 2006. Platform presentation.
  16. **Ness K**, Mertens AC, Zeltzer L, Gurney J, Leisenring W, Robison LL. Physical performance and health related quality of life in adult survivors of childhood cancer. Psychosocial and Neurocognitive Consequences of Childhood Cancer. 2006. Platform presentation. Role: First author
  17. Mertens AC, Schultz KA, **Ness KK**, Whitton J, Recklitis C, Zebrack B, Zeltzer L, Robison LL. Social adjustment in survivors of childhood cancer: A report from the CCSS. 3rd APOS Annual Conference. Amelia Island, FL. February 16-19, 2006. Poster presentation.
  18. **Ness KK**, Baker KS, Gurney JG. Motor impairments in adult survivors of childhood Acute Lymphoblastic Leukemia. 30th ASPO Annual Meeting. Bethesda, MD. February 26-28, 2006. Role: First author
  19. Brachlow AE, **Ness KK**, McPheeters M, Gurney JG. Do children with autism have a medical home? PAS Annual Meeting. San Francisco, CA. April 29-May 2, 2006.
  20. **Ness KK**, Mertens AC, Zeltzer L, Gurney JG, Leisenring W, Robison LL. Physical performance and health

- related quality of life in adult survivors of childhood cancer. Psychosocial and Neurocognitive Consequences of Childhood Cancer: A Symposium Tribute to Raymond K. Mulhern. Memphis, TN. September 18, 2006. Role: First author
21. 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). 48th ASH Annual Meeting. December 9-12, 2006. Orlando, FL. December 9-12, 2006. Media Platform presentation.
  22. Gilchrist L, Mertens A, Neglia J, Kunin-Batson A, Oakes JM, Gross C, **Ness K**. Physical impairments and performance limitations in survivors of childhood brain tumors. APTA Combined Sections Meeting. Chicago, IL. February 14-18, 2007. Role: Senior author
  23. **Ness KK**, Baker KS, Nagarajan R, Jurek A, Clohisy DR. Strength, fitness, mobility and health related quality of life in survivors of lower extremity bone tumors. APTA Combined Sections Meeting. Chicago, IL. February 14-18, 2007. Role: First author
  24. Nathan PC, Greenberg ML, **Ness KK**, Mahoney MC, Gurney JG, Hudson MM, Donaldson SS, Leisenring WM, Robison LL, Oeffinger KC. Risk-based care in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). 43rd ASCO Annual Meeting. Chicago, IL. June 1-5, 2007.
  25. Armstrong GT, **Ness KK**, Whitton J, Leisenring W, Yasui Y, Zeltzer L, Donaldson SS, Hudson M, Robison LL, Packer R. Long-term outcomes among survivors of childhood central nervous system tumors: A report from the Childhood Cancer Survivor Study. 44th ASCO Annual Meeting. Chicago, IL. May 30-June 3, 2008. Oral presentation.
  26. **Ness KK**, Leisenring WM, Huang S, Hudson MM, Gurney JG, Whelan K, Hobbie WL, Lanctot JQ, Armstrong GT, Robison LL, Oeffinger KC. Physical activity-patterns and predictors of sedentary lifestyle among adult survivors of childhood cancer. 10th International Conference Long-Term Complications of Treatment of Children and Adolescents for Cancer. Niagara on the Lake, Ontario, Canada. June 6-7, 2008. Role: First author
  27. Ginsberg JP, **Ness K**, Goodman P, Leisenring W, Robison LL, Oeffinger KC. Long-term follow-up among survivors of childhood Ewing's sarcoma: A report of the Childhood Cancer Survivor Study (CCSS). 10th International Conference Long-Term Complications of Treatment of Children and Adolescents for Cancer. Niagara on the Lake, Ontario, Canada. June 6-7, 2008.
  28. Meacham LR, Chow EJ, Kamdar KY, **Ness KK**, Chen Y, Yasui Y, Oeffinger KC, Sklar CA, Robison LL, Mertens AC. Cardiovascular risk factor cluster in adult survivors of pediatric cancer: A report of the Childhood Cancer Survivor Study (CCSS). 10th International Conference Long-Term Complications of Treatment of Children and Adolescents for Cancer. Niagara on the Lake, Ontario, Canada. June 6-7, 2008.
  29. Smith WA, Hudson MM, **Ness KK**. Physical activity in cancer survivors versus controls with no history of cancer from the national health and nutrition survey (NHANES) 2003-2004. 10th International Conference Long Term Complications of Treatment of Children and Adolescents for Cancer. Niagara on the Lake, Ontario, Canada. June 6-7, 2008. Role: Senior author
  30. Robien K, **Ness KK**, Klesges LM, Baker S, Gurney JG. Poor adherence to dietary recommendations among adult survivors of childhood acute lymphoblastic leukemia. 4th Biennial Cancer Survivorship Research Conference: Mapping the New Challenges. Atlanta, GA. June 18-20, 2008.
  31. Klesges LM, **Ness KK**, Lanctot JQ, Lown A, Whalen K, Huang S, Leisenring W, Stovall M, Oeffinger K, Robison L, Hudson M. Prevalence and clustering of multiple behavioural risk factors in adult survivors of childhood cancer. 4th Biennial Cancer Survivorship Research Conference: Mapping the New Challenges. Atlanta, GA. June 18-20, 2008. Poster presentation.
  32. Armstrong GT, **Ness KK**, Whitton J, Leisenring W, Yasui Y, Zeltzer L, Donaldson SS, Hudson M, Robison LL, Packer R. Long-term outcomes among survivors of childhood central nervous system tumors: A report from the Childhood Cancer Survivor Study. ISPNO Annual Meeting. Chicago, IL. June 30-July 2, 2008.

33. Armstrong GT, **Ness KK**, Whitton J, Leisenring W, Yasui Y, Zeltzer L, Donaldson SS, Hudson M, Robison LL, Packer R. Long-term outcomes among survivors of childhood central nervous system tumors: A report from the Childhood Cancer Survivor Study. 37th CNS Annual Meeting. Santa Clara, CA. November 5-8, 2008.
34. **Ness KK**, Nolan VG, Morris EB, Howell CR, Gilchrist LS, Neglia JP. Limitations in physical function among adult survivors of childhood brain tumors. 22nd ASPHO Annual Meeting. San Diego, CA. April 22-25, 2009. Role: First author
35. Armstrong GT, Pan Z, **Ness KK**, Srivastava DK, Robison LL. Temporal trends in cause-specific late mortality among five-year survivors of childhood cancer. ASCO Annual Meeting. Orlando, FL. May 29-June 2, 2009.
36. Kurt BA, Nolan VG, **Ness KK**, Neglia JP, Tersak JM, Hudson MM, Armstrong GT, Hutchinson RJ, Leisenring WM, Oeffinger KC, Robison LL, Arora M. Hospitalization rates among survivors of childhood cancer in the Childhood Cancer Survivor Study cohort. ASCO Annual Meeting. Orlando, FL. May 29-June 2, 2009.
37. Krull KR, Huang S, Hudson MM, Gurney JG, Srivastava DK, Klosky J, **Ness KK**, Leisenring W, Termuhlen A, Robison LL. Adolescent psychopathology and adult health behaviors in long-term survivors of childhood cancer: Findings from the Childhood Cancer Survivors Study. ASCO Annual Meeting. Orlando, FL. May 29-June 2, 2009.
38. Morris B, Khan R, Ledet D, Howell C, Pui CH, Hudson MM, **Ness KK**. Neurological morbidity in survivors of childhood acute lymphoblastic leukemia (ALL). ASCO Annual Meeting. Orlando, FL. May 29-June 2, 2009. Role: Senior author
39. Nathan PC, **Ness KK**, Hudson MM, Mahoney M, Ford JS, Landier W, Armstrong GT, Henderson TO, Robison LL, Oeffinger KC. Cancer screening in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Orlando, FL. May 29-June 2, 2009.
40. Kirchoff AC, Leisenring W, **Ness KK**, Park ER, Friedman DL, Oeffinger KC, Armstrong GT, Krull KR, Robison LL, Wickizer T. Unemployment due to illness or disability in the Childhood Cancer Survivor Study (CCSS). Academy Health. Chicago, IL. June 28-30, 2009.
41. Kirchoff AC, Leisenring W, **Ness KK**, Park ER, Friedman DL, Oeffinger KC, Armstrong GT, Krull KR, Robison LL, Wickizer T. Health-related unemployment among survivors and siblings in the Childhood Cancer Survivor Study (CCSS). National Research Service Award Trainees Meeting. 26<sup>th</sup> Annual AcademyHealth Research Meeting. June 28-30, 2009. Oral presentation.
42. Hudson MM, Armstrong GT, Cox CL, Green DM, Klosky JL, Krull KR, Metzger ML, Morris EB, **Ness KK**, Spunt SL, Srivastava DK, Robison LL. Establishment of a lifetime clinical cohort of adult survivors of childhood cancer: The SJLIFE protocol. ESLCCC Annual Meeting. Edinburgh, Scotland, United Kingdom of Great Britain and Northern Ireland. October 29-30, 2009.
43. Jain N, Hudson MM, Morris B, **Ness KK**, Srivastava DK, Robison LL, Krull KR. Neurobehavioral functioning and fatigue in very long-term survivors of Hodgkin disease. 38th International Neuropsychological Society Annual Meeting. Acapulco, United Mexican States. February 2010.
44. **Ness KK**, Smith WA, Hudson MM, Robison LL. Balance in childhood cancer survivors who were treated with platinum: A pilot study. APTA Combined Sections Meeting. San Diego, CA. February 17-20, 2010. Role: First author
45. Kirchoff AC, Krull KR, **Ness KK**, Park ER; Friedman DL, Armstrong GT, Stovall M, Oeffinger KC, Hudson M, Robison LL, Leisenring W. Occupational status of adult survivors of childhood cancer: A report from the Childhood Cancer Survivors Study. ASPO Annual Meeting. Bethesda, MD. March 21-23, 2010. Poster presentation.
46. **Ness KK**, Hudson MM, Pui CH, Green DM, Karlage R, Robison LL, Morris EB. Signs and symptoms of peripheral neuropathy in adult survivors of childhood Acute Lymphoblastic Leukemia (ALL): Associations

- with physical performance and chemotherapy doses. ASCO Annual Meeting. Chicago, IL. May 8, 2010.  
Role: First author
47. Smith WA, Carlyle BE, Huang S, **Ness KK**. Measured versus self-reported physical function in adult survivors of childhood cancer. 57th Annual Meeting & 1st World Congress on Exercise is Medicine. Baltimore, MD. June 1-5, 2010.
  48. Hudson MM, Nolan VG, **Ness KK**, Armstrong GT, Green DM, Krull KR, Spunt SM, Srivastava DK, Robison LL. Yield from risk-based screening in adults treated for cancer in childhood. ASCO Annual Meeting. Chicago, IL. June 4-8, 2010. Role: Co-first author
  49. Green DM, Zhu L, Stovall M, Nolan V, **Ness K**, Donaldson SS, Cox C, Oeffinger K, Meacham LR, Sklar CA, Krull K, Armstrong GT, Robison LL. Association of antidepressant use and obesity among Childhood Cancer Survivor Study (CCSS) participants. 11th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Williamsburg, VA. June 11, 2010. Poster presentation.
  50. **Ness KK**, Hudson MM, Pui CH, Green DM, Karlage R, Robison LL, Morris EB. Signs and symptoms of peripheral neuropathy in adult survivors of childhood Acute Lymphoblastic Leukemia (ALL): Associations with physical performance and chemotherapy doses. 11th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Williamsburg, VA. June 11-12, 2010. Role: First author
  51. **Ness KK**, Smith WA, Hudson MM, Robison LL. Balance in childhood cancer survivors who were treated with platinum: A pilot study. 11th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Williamsburg, VA. June 11, 2010. Role: First author
  52. **Ness KK**, Allgood R, Li Z, Neglia JP. Mobility related social isolation and Quality of Life among adult survivors of childhood brain tumors. 14<sup>th</sup> International Symposium on Pediatric Neuro-Oncology. Vienna, Republic of Austria. June 20-23, 2010. Role: First author
  53. Armstrong GT, **Ness KK**, Nolan VG, Green D, Joshi V, Hudson M, Robison LL, Srivastava D, Durand JB, Plana JC. Myocardial strain for detection of treatment related cardiac toxicity in adult survivors of childhood cancer. 42nd SIOP Congress. Boston, MA. October 21-24, 2010.
  54. Green DM, Zhu I, Joshi V, **Ness KK**, Srivastava DK, Armstrong GT, Stokes D, Robison LL, Hudson MM. Pulmonary hypertension after treatment for childhood cancer, a report from the St. Jude Lifetime Cohort study. 42nd SIOP Congress. Boston, MA. October 21-24, 2010.
  55. Nottage K, **Ness KK**, Li C, Srivastava DK, Robison LL, Hudson MM. Cardiovascular risk factors in adult survivors of childhood acute lymphoblastic leukemia-a report from the SJLIFE study. 42nd SIOP Congress. Boston, MA. October 21-24, 2010.
  56. Huang TT, Smith WA, Roberts J, Hudson MM, **Ness KK**. Assessment of exercise capacity in adult survivors of childhood acute lymphoblastic leukemia using six minute walk test. APTA Combined Sections Meeting. New Orleans, LA. February 9-12, 2011. Role: Senior author
  57. **Ness KK**, Metzger ML, Huang, TT, Armstrong GT, Robison LL, Hudson MM. Performance-based physical function in long-term survivors of Hodgkin lymphoma. ASCO Annual Meeting. Chicago, IL. June 3-7, 2011. *J Clin Oncol* 29: 2011 (suppl; abstr 9532), 2011. Role: First author
  58. Armstrong GT, Plana JC, Zhang N, Srivastava DK, Green DM, **Ness KK**, Donovan FD, Metzger M, Arevalo A, Durand JB, Joshi V, Hudson MM, Robison LL, Flamm SD. Screening adult survivors of childhood cancer for cardiomyopathy: Comparison of echocardiography and cardiac MRI. European Symposium on Late Effects After Childhood Cancer 2011. Amsterdam, Kingdom of the Netherlands. September 29-30, 2011.
  59. Bass JK, **Ness KK**, Jones KE, Hudson MM, Armstrong GT, Srivastava DK, Gurney JG. Treatment-induced hearing loss and social outcomes in adult survivors of childhood solid malignancies: Preliminary results from the St. Jude Lifetime Cohort (SJLIFE) Study. ESLCCC Annual Meeting. Amsterdam, Kingdom of the Netherlands. September 29-30, 2011.

60. Gurney JG, Spunt SL, Jones KE, Srivastava D, Armstrong GT, Hudson MM, Robison LL, **Ness KK**. Peripheral neuropathy and functional mobility in adult survivors of childhood solid tumors: A report from the St. Jude Lifetime Cohort Study. ESLCCC Annual Meeting. Amsterdam, Kingdom of the Netherlands. September 29-30, 2011. Role: Senior author
61. 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. ESLCCC Annual Meeting. Amsterdam, Kingdom of the Netherlands. September 29-30, 2011.
62. Hudson M, Oeffinger K, Nathan P, Mertens A, Castellino S, Casillas J, Mulrooney D, Gurney J, Armstrong G, Leisenring W, Robison L, **Ness KK**. Longitudinal changes in health status of the childhood cancer survivor study. 43rd SIOP Congress. Auckland, New Zealand. October 28-30, 2011. Oral presentation. Role: Senior author
63. Klosky JL, Hum A, Zhang N, Ali K, Srivastava DK, Klesges RC, **Ness KK**, Robison LL, Hudson MM. Smokeless and dual tobacco use among males surviving childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). 43rd SIOP Congress. Auckland, New Zealand. October 28-30, 2011. Oral presentation.
64. Klosky JL, Howell C, Li Z, Foster R, Mertens AC, Robison LL, **Ness KK**. Risky health behavior in adolescent survivors of childhood cancer and their siblings: A report from the Childhood Cancer Survivor Study. 43rd SIOP Congress. Auckland, New Zealand. October 28-30, 2011. Oral presentation. Role: Senior author
65. Marina N, Hudson M, Mulrooney DA, Avedian R, Donaldson S, Fisher P, Leisenring W, Stovall M, Robison LL, **Ness KK**. Comparison of health status between upper and lower extremity sarcoma survivors: A report from the Childhood Cancer Survivor Study. 43rd SIOP Congress. October 25-30, 2011. Auckland, New Zealand. Oral presentation. Role: Senior author
66. **Ness KK**, Green DM, Gurney JG, Bass JK, Smith WA, Huang TT, Robison LL, Hudson MM. Balance impairment in adult survivors of childhood cancer treated with platinum. 43rd SIOP Congress. Auckland, New Zealand. October 28-30, 2011. Role: First author
67. Smith WA, Carlyle BE, Huang S, **Ness KK**. Measured versus self-reported physical function in adult survivors of childhood cancer. Pediatric Oncology Rehabilitation Conference. Memphis, TN. March 2-3, 2012. Role: Senior author
68. Morris GS, Smith WA, Hudson MM, Gurney JG, Robison LL, **Ness KK**. Age-based predictions of HR peak overestimate achieved HRpeak in cancer survivors. ACSM Annual Meeting. San Francisco, CA. May 29-June 2, 2012. Role: Senior author
69. Casillas JN, Liu Q, Hudson MM, Greenberg M, Yeazel MW, **Ness KK**, Robison LL, Armstrong GT, Leisenring WM, Yasui Y, Oeffinger KC, Nathan PC. Longitudinal changes in health care utilization by adult survivors of childhood cancer in the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Chicago, IL. June 1-5, 2012. *J Clin Oncol* 30, 2012 (suppl; abstr 6030).
70. Smith WA, Li C, Nottage K, Lanctot JQ, Hudson M, Green D, Nolan V, Laver J, Gurney J, Robison L, **Ness KK**. Dietary intake and metabolic syndrome in adult survivors of childhood cancer. ASCO Annual Meeting. Chicago, IL. June 1-5, 2012. *J Clin Oncol* 30, 2012 (suppl; abstr 9526).
71. Casillas JN, Liu Q, Hudson MM, Greenberg M, Yeazel MW, **Ness KK**, Robison LL, Armstrong GT, Leisenring WM, Yasui Y, Oeffinger KC, Nathan PC. Longitudinal changes in health care utilization by adult survivors of childhood cancer in the Childhood Cancer Survivor Study (CCSS). 12th International Conference on Long Term Complications of Treatment of Children and Adolescents for Cancer. Williamsburg, VA. June 8-9, 2012. Oral presentation.
72. Gawade P, **Ness KK**, Sharma S, Li Z, Srivastava K, Spunt S, Nottage K, Krasin M, Hudson M, Kaste SC. Association of bone mineral density with incidental renal stone in long-term survivors of childhood Acute



- Lymphoblastic Leukemia. ASCO Annual Meeting. Chicago, IL. June 1-5, 2012. *J Clin Oncol* 30, 2012 (suppl; abstr 9527). Poster session discussion
73. Smith WA, Li C, Nottage K, Lanctot JQ, Hudson M, Green D, Nolan V, Laver J, Gurney J, Robison L, **Ness KK**, Dietary intake and metabolic syndrome in adult survivors of childhood cancer. 12th International Conference on Long Term Complications of Treatment of Children and Adolescents for Cancer. Williamsburg, VA. June 8-9, 2012.
  74. 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. ASCO Annual Meeting. Chicago, IL. June 1-5, 2012. *J Clin Oncol* 30, 2012 (suppl; abstr 9528). Oral presentation.
  75. 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. 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Chicago, IL. June 8-9, 2012. Oral presentation.
  76. Huang IC, Brinkman TM, Kenzik K, Gurney JG, **Ness KK**, Lanctot J, Shenkman E, Robison LL, Hudson MM, Krull KR. Symptom presence associated with health-related quality of life in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study. 12th International Conference on Long Term Complications of Treatment of Children and Adolescents for Cancer 2012. Williamsburg, VA. June 8-9, 2012.
  77. Gawade P, **Ness KK**, Sharma S, Li Z, Srivastava K, Spunt S, Nottage K, Krasin M, Hudson M, Kaste SC. Association of bone mineral density with incidental renal stone in long-term survivors of childhood Acute Lymphoblastic Leukemia. 12th International Conference on Long Term Complications of Treatment of Children and Adolescents for Cancer 2012. Williamsburg, VA. June 8-9, 2012.
  78. Howell C, **Ness KK**. Challenges of intervention research in children diagnosed with cancer. 12th International Conference on Long Term Complications of Treatment of Children and Adolescents for Cancer 2012. Williamsburg, VA. June 8-9, 2012. Role: Senior author
  79. Karlage (Partin) RE, Kaste SC, Zhang N, Green DM, Armstrong GT, Robison LL, Laver JH, Srivastava DK, Hudson MM, **Ness KK**. Body composition in long-term childhood cancer survivors: Applicability of anthropometric measures. 12th International Conference on Long Term Complications of Treatment of Children and Adolescents for Cancer 2012. Williamsburg, VA. June 8-9, 2012. Role: Senior author
  80. **Ness KK**, Armstrong GT, Gurney JG, 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. 14th ISPNO Symposium. Toronto, Canada. June 24-27, 2012. Role: First author
  81. Chemaitilly W, Hudson M, Huang S, Smith W, Srivastava DK, Barnes N, Pui CH, Kun LE, Sklar CA, Robison LL, **Ness KK**. The relationship between low insulin-like growth factor-1 (igf-1) levels, exercise capacity, muscle strength and vitality in adult survivors of childhood Acute Lymphoblastic Leukemia (all) treated with cranial radiotherapy (CRT). ENDO Annual Meeting. Houston, TX. June 23-26, 2012. Role: Senior author
  82. Klosky JL, Li Z, Foster RH, Peasant C, Howell CR, Mertens AC, Robison LL, **Ness KK**. Risky sexual behaviour in adolescent survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. 44th SIOP Congress. London, United Kingdom of Great Britain and Northern Ireland. October 5-8, 2012. Role: Senior author
  83. Krull KR, Brinkman TM, Li C, Armstrong GT, **Ness KK**, Gurney JG, Kimberg C, Srivastava DK, Krasin MJ, Pui CH, Robison LL, Hudson MM. Neurocognitive outcomes in adult survivors of childhood acute lymphoblastic leukemia. 44th SIOP Congress. London, United Kingdom of Great Britain and Northern Ireland. October 5-8, 2012.
  84. **Ness KK**, Armstrong GT, Gurney JG, 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. 44th SIOP Congress. London, United Kingdom of Great Britain and Northern Ireland. October 5-8,

2012. Role: First author. *Pediatr Blood Cancer*. 2012 Sep 17;59(6).
85. 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. Role: Senior author. *Cancer Res*. 2014 Nov 18;73(8 Supplement):2544-2544.
  86. Smith WA, **Ness KK**, Joshi VM, Robison LL, Hudson MM, Green DM. Exercise training in childhood cancer survivors with subclinical cardiomyopathy. Experimental Biology Annual Meeting. Boston, MA. April 20-24, 2013.
  87. **Ness KK**, Huang S, Smith WA, Pui CH, Lanctot JQ, Howell CR, Karlage R, Shelton KC, Robison LL, Hudson MM. Global fitness in adult survivors of childhood acute lymphoblastic leukemia (ALL). ASCO Annual Meeting. Chicago, IL. May 31-June 4, 2013. *J Clin Oncol* 31, 2013 (suppl; abstr 10022). Role: First author
  88. 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. ASCO Annual Meeting 2013. Chicago, IL. May 31-June 5, 2013. Poster presentation. Role: Senior author. *J Clin Oncol* 31, 2013 (suppl; abstr 10062).
  89. **Ness KK**, Armstrong GT, Gurney JG, Jones KE, Wilson CL, Smith WA, Green DM, Robison LL, Hudson MM, Krull KR. Physiologic frailty as a marker of early aging and mortality among survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study. 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Memphis, TN. June 13-15, 2013. Oral presentation. Role: First author
  90. Gawade P, Oeffinger KC, Sklar CA, Green DM, Krull KR, Chemaitilly W, Stovall M, Leisenring W, Robison L, **Ness KK**. Pre-pregnancy lifestyle factors, psychological distress and adverse pregnancy outcomes among female survivors in the childhood cancer survivor study (CCSS) cohort. 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Memphis, TN. June 13-15, 2013. Oral presentation. Role: Senior author
  91. 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. 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Memphis, TN. June 13-15, 2013. Poster presentation. Role: Senior author
  92. Lanctot JQ, Hudson MM, Smith WA, Brinkman TM, Shelton KC, Robison LL, **Ness KK**. Comparison of health behaviors between childhood Acute Lymphoblastic Leukemia survivors and healthy controls. 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Memphis, TN. June 13-15, 2013. Role: Senior author
  93. Smith WA, Hudson MM, Pui CH, Lanctot JQ, Howell CR, Karlage R, Robison LL, **Ness KK**. Association between physical activity level and cardiorespiratory fitness in adult survivors of childhood Acute Lymphoblastic Leukemia. 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Memphis, TN. June 13-15, 2013. Role: Senior author
  94. Chemaitilly W, **Ness KK**, Li Z, Robison LL, Hudson M, Sklar C. Anterior hypopituitarism in adult childhood cancer survivors (CCS): A report from the St. Jude Lifetime Cohort. 9th Joint Meeting of PES and ESPE. Milan, The Italian Republic. September 11-13, 2013.
  95. Chemaitilly W, **Ness KK**, Li Z, Robison LL, Hudson M, Sklar C. Anterior hypopituitarism in adult childhood cancer survivors (CCS): A report from the St. Jude Lifetime Cohort. 9th Joint Meeting of Paediatric Endocrinology. Milan, The Italian Republic. September 19-22, 2013.
  96. Cox CL, Nolan V, Leisenring W, Yasui Y, Ogg S, Neglia J, **Ness KK**, Robison LL. Health perceptions, behaviour, and medical care utilization: Links to mortality in adult survivors of childhood cancer. 141st APHA

Annual Conference and Expo. Boston, MA. November 2-6, 2013. Oral presentation.

97. Brinkman TM, Oancea SC, **Ness KK**, Smith WA, Srivastava DK, Robison LL, Hudson MM, Gurney JG, Krull KR. Pathways linking childhood cancer late effects to anxiety and depression in adult survivors: A report from the St. Jude Lifetime Cohort Study. 5th World Congress of Psycho-Oncology and Psychosocial Academy. Rotterdam, Kingdom of the Netherlands. November 4-8, 2013.
98. Boop SE, Jones KE, Brinkman TM, Boop FA, Armstrong GT, Robison LL, Hudson MM, **Ness KK**. Physical performance, social participation, and medical utilization in childhood brain tumour survivors. AANS/CNS Joint Section on Pediatric Neurosurgery. Toronto, Canada. December 3-6, 2013. Role: Senior author
99. Effinger KE, Leisenring W, Oeffinger KC, Hudson MM, **Ness KK**, Marina N, Stovall M, Armstrong GT, Robison LL, Sainini K, Whittemore AS. Longitudinal evaluation of health status in aging pediatric Hodgkin lymphoma survivors: A report from the Childhood Cancer Survivor Study. 55th ASH Annual Meeting. New Orleans, LA. December 7-10, 2013. Oral presentation.
100. Mulrooney DA, Nunnery S, Armstrong GT, **Ness KK**, Srivastava K, 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. ICOSNA Annual Meeting. Washington, DC. December 12-13, 2013. Poster presentation.
101. 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.
102. Effinger KE, Leisenring W, Oeffinger KC, Hudson MM, **Ness KK**, Marina N, Stovall M, Armstrong GT, Robison LL, Sainini K, Whittemore AS. Longitudinal evaluation of health status in aging pediatric Hodgkin lymphoma survivors: A report from the Childhood Cancer Survivor Study. 2nd ISCAYHL Meeting. Berlin, Federal Republic of Germany. May 7-10, 2014. Oral presentation.
103. Mulrooney DA, Nunnery S, Armstrong GT, **Ness KK**, Srivastava K, 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 ICOSNA Annual Meeting. Berlin, Federal Republic of Germany. May 7-10, 2014.
104. Armstrong GT, Joshi VM, **Ness KK**, Zhang N, Srivastava DK, Griffin B, Grimm R, Thomas J, Phelan D, Collier P, Mulrooney DA, Krull KR, 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. ASCO Annual Meeting. Chicago, IL. May 30-June 3, 2014. *J Clin Oncol* 32:5s, 2014 (suppl; abstr 10081).
105. 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). ASCO Annual Meeting. Chicago, IL. May 30-June 3, 2014. *J Clin Oncol* 32:5s, 2014 (suppl; abstr 10022). Poster presentation.
106. Green DM, Liu W, Kutteh W, Ke R, Shelton K, Sklar CA, Klosky J, Spunt SL, Metzger M, Navid F, Srivastava DK, **Ness KK**, Robison LL, Hudson MM. Alkylating agent exposure and sperm concentration in adult survivors of childhood cancer: A report from the St. Jude Lifetime (SJLIFE) Cohort Study. ASCO Annual Meeting. Chicago, IL. May 30-June 3, 2014. *J Clin Oncol* 32:5s, 2014 (suppl; abstr 10010).
107. Jones LW, **Ness KK**, Liu Q, Oeffinger KC, Yasui Y, Armstrong GT, Robison LL, Tonoreze E, Sklar CA, Douglas PS, Soares-Miranda L. Exercise and risk of major cardiovascular events in adult survivors of childhood Hodgkin lymphoma: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Chicago, IL. May 30-June 3, 2014. Poster presentation. *J Clin Oncol* 32:5s, 2014 (suppl; abstr 10023).
108. Kadan-Lottick N, Lu X, Hockenberry M, Whitley M, Hunger S, Devidas M, Winick N, Angiolillo A, Schore R, **Ness KK**. Prospective assessment of chemotherapy-induced peripheral neuropathy (CIPN) in children with

- standard-risk acute lymphoblastic leukemia (SR ALL): Results of Children's Oncology Group (COG) AALL0932. ASCO Annual Meeting. Chicago, IL. May 30-June 3, 2014. Role: Senior author
109. 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. ASCO Annual Meeting. Chicago, IL. May 30-June 3, 2014. *J Clin Oncol* 32:5s, 2014 (suppl; abstr 7056).
  110. Chemaitilly W, Merchant TE, Li Z, Barnes N, Armstrong GT, **Ness KK**, Pui C, Kun L, Robison LL, Hudson MM, Sklar CA, Gajjar A. Central Precocious Puberty (CPP) as a consequence of brain tumors and cranial radiotherapy (CRT): Presentation, progression and long-term effects on growth, gonadal function and metabolism. ESLCCC Annual Meeting. Edinburgh, Scotland, United Kingdom of Great Britain and Northern Ireland. September 15-16, 2014.
  111. 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. ESLCCC Symposium. Edinburgh, United Kingdom of Great Britain and Northern Ireland. September 15-16, 2014. Poster presentation
  112. Jones LW, **Ness KK**, Liu Q, Oeffinger KC, Yasui Y, Armstrong GT, Robison LL, Tonoreze E, Sklar CA, Douglas PS, Soares-Miranda L. Exercise and risk of major cardiovascular events in adult survivors of childhood Hodgkin lymphoma: A report from the Childhood Cancer Survivor Study (CCSS). ESLCCC Annual Meeting. Edinburgh, Scotland, United Kingdom of Great Britain and Northern Ireland. September 15-16, 2014. Poster presentation.
  113. Feijen EAM, Stratton KL, **Ness KK**, Van der Pal HJH, Caron HN, Armstrong GT, Hudson MM, Leisenring W, Oeffinger KC, Robison LL, Stovall M, Kremer LCM, Chow EJ. Equivalence ration for Daunorubicin to Doxorubicin in relation to late heart failure. ESLCCC Annual Meeting. Edinburgh, Scotland, United Kingdom of Great Britain and Northern Ireland. September 15-16, 2014.
  114. Karlage (Partin) 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 Annual Meeting. Edinburgh, Scotland, United Kingdom. September 15-16, 2014. Role: Senior author
  115. **Ness KK**, Kadan-Lottick N, Krull K, Pui CH, Srivastava DK, Mulrooney DA, Karlage (Partin) RE, Guthrie N, Kimberg C, Brinkman T, Robison LL, Hudson MM. Activity monitor and rewards-based interactive website sustains physical activity in young adolescent cancer survivors. ESLCCC Annual Meeting. Edinburgh, Scotland, United Kingdom of Great Britain and Northern Ireland. September 15-16, 2014. Role: First author. Poster presentation.
  116. Feijen EA, Leisenring W, Stratton KL, **Ness KK**, van der Pal H, Caron HN, Armstrong GT, Green DM, Hudson MM, Oeffinger KC, Robison LL, Stovall M, Kremer L, Chow EJ. Equivalence ratio for daunorubicin to doxorubicin in relation to late heart failure. ESLCCC Annual Meeting. Edinburgh, Scotland, United Kingdom of Great Britain and Northern Ireland. September 15-16, 2014. Poster presentation.
  117. 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). 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015. Oral presentation.
  118. Armstrong GT, Joshi V, **Ness KK**, Zhang N, Srivastava DK, Mulrooney DA, Krull K, Green DM, Marwick TH, Hudson MM, Robison LL, Plana JC. Metabolic syndrome and cardiac dysfunction in adult survivors of childhood cancer: Results from the St. Jude Lifetime Cohort study. 46th SIOP Congress. Toronto, Canada. October 22-25, 2014.
  119. Brennan R, Nickols C, Eftink A, Strachota K, **Ness KK**, Qaddoumi I, Wilson MW, Thompson J. Vincristine

- induced cranial neuropathy during therapy for pediatric malignancies. 46th SIOF Congress. Toronto, Canada. October 22-25, 2014.
120. Mulrooney DA, Soliman E, Armstrong GT, Joshi V, Green D, Srivastava DK, Krasin M, Leupker R, Robison LL, Hudson MM, **Ness KK**. Electrocardiographic abnormalities in aging survivors of childhood cancer: A report from the St. Jude Lifetime (SJLIFE) Cohort study. 46th SIOF Congress. Toronto, Canada. October 22-25, 2014. Role: Senior author
  121. **Ness KK**, Hudson MM, Karlage (Partin) 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 SIOF Congress. Toronto, Canada. October 22-25, 2014. Role: First author. *Pediatr Blood Cancer*. 2014 Dec;61(S2).
  122. 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 Cohort study (SJLIFE). 56th ASH Annual Meeting & Exposition. San Francisco, CA. December 9, 2014. *Blood*. 2014 Nov;124(21):853. Oral presentation
  123. Arora M, Canlan S, **Ness KK**, Teh JB, Schad A, Hanby C, Francisco L, Hou K, Wu J, Kuo L, Armenian SH, Weisdorf DJ, Forman SJ, Bhatia S. Older survivors of allogeneic hematopoietic cell transplantation (HCT) with chronic graft vs. host disease (cGVHD) demonstrate higher risk of frailty as compared with autologous HCT recipients: A report from the Bone Marrow Transplant Survivor Study-2. 2015 BMT Tandem Meetings. San Diego, CA. February 11-15, 2015.
  124. **Ness KK**, Mogil, R, Scobey K, Karlage (Partin) RE, Kaste S. The effects of low magnitude high frequency mechanical stimulation (LMS) on bone density in childhood cancer survivors (CCS). APTA Combined Sections Meeting. Indianapolis, IN. February 4-7, 2015. Role: First author
  125. Effinger KE, Fisher PG, **Ness KK**, Krull KR, Marina N, Stovall M, Oeffinger KC, Armstrong GT, Robison LL, Nathan PC, Leisenring WM, Hudson MM. Longitudinal evaluation of health status and chronic conditions in aging pediatric astrocytoma survivors: A Childhood Cancer Survivor Study (CCSS) Report. ASCO Annual Meeting. Chicago, IL. May 29-June 2, 2015. Oral presentation. *J Clin Oncol* 33, 2015 (suppl; abstr 10067).
  126. Feijen EA, Leisenring W, Stratton KL, **Ness KK**, van der Pal H, Caron HN, Armstrong GT, Green DM, Hudson MM, Oeffinger KC, Robison LL, Stovall M, Kremer L, Chow EJ. Equivalence ratio for daunorubicin to doxorubicin in relation to late heart failure. 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015. Oral presentation.
  127. Mulrooney DA, Soliman E, Armstrong GT, Joshi V, Green D, Srivastava DK, Krasin M, Leupker R, 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. Arlington, VA. June 11-13, 2015. Role: Senior author
  128. Effinger KE, Fisher PG, **Ness KK**, Krull KR, Marina N, Stovall M, Oeffinger KC, Armstrong GT, Robison LL, Nathan PC, Leisenring WM, Hudson MM. Longitudinal evaluation of health status and chronic conditions in aging pediatric astrocytoma survivors: A Childhood Cancer Survivor Study (CCSS) Report. 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015. Oral presentation.
  129. Krull KR, Mulrooney DA, Zhang N, Armstrong GT, Ehrhardt M, Chemaitilly W, Brinkman T, **Ness KK**, Joshi V, Srivastava DK, Robison LL, Hudson MM. Cardiovascular contributions to neurocognitive outcomes in adult survivors of childhood cancer. ASPHO Annual Meeting. Phoenix, AZ. May 6-9, 2015. *Pediatr Blood Cancer*. 2015 Nov;62:S172.
  130. Ehrhardt MJ, Sandlund JT, Zhang N, **Ness KK**, Chemaitilly W, Krull KR, Brinkman TM, Crom DB, Kun L, Kaste SC, Armstrong GT, Green DM, Srivastava K, Robison LL, Hudson MM, Mulrooney DA. Late outcomes among adult survivors of childhood non-Hodgkin lymphoma (NHL): A report from the St. Jude Lifetime

- Cohort study. Abstract # 10069. ASCO Annual Meeting. Chicago, IL. May 29-June 2, 2015. *J Clin Oncol* 33, 2015 (suppl; abstr 10064).
131. Green DM, Zhu L, Krasin MJ, Srinivasan S, Stokes DC, Srivastava DK, **Ness KK**, McCarville B, Mulrooney DA, Armstrong GT, Pui C, Spunt SL, Metzger M, 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). ASCO Annual Meeting. Chicago, IL. May 29-June 2, 2015. *J Clin Oncol* 33, 2015 (suppl; abstr 10018).
  132. Mueller EL, Hutchinson R, Goodman P, Leisenring WM, Sklar CA, Hudson MM, **Ness KK**, Armstrong GT, Robison LL, Stovall M, Oeffinger KC, Nathan PC. Late mortality, subsequent malignant neoplasms, and chronic health conditions in survivors of pediatric soft tissue sarcomas: A report from the Childhood Cancer Survivor Study. ASCO Annual Meeting. Chicago, IL. May 29-June 2, 2015.
  133. Bhatia S, Liu Q, Leisenring WM, **Ness KK**, Gibson TM, Robison LL, Armstrong GT, Yasui Y. Long-term outcomes by race/ethnicity in the Childhood Cancer Survivor Study (CCSS) Cohort. Abstract # 10070. ASCO Annual Meeting. Chicago, IL. May 29-June 2, 2015. Poster presentation. *J Clin Oncol*. 33, 2015 (suppl; abstr 10070).
  134. Mueller EL, Hutchinson R, Goodman P, Leisenring WM, Sklar CA, Hudson MM, **Ness KK**, Armstrong GT, Robison LL, Stovall M, Oeffinger KC, Nathan PC. Late mortality, subsequent malignant neoplasms, and chronic health conditions in survivors of pediatric soft tissue sarcomas: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Chicago, IL. May 29-June 2, 2015.
  135. Mueller EL, Hutchinson R, Goodman P, Leisenring WM, Sklar CA, Hudson MM, **Ness KK**, Armstrong GT, Robison LL, Stovall M, Oeffinger KC, Nathan PC. Long-term risks for chronic medical conditions and premature mortality in survivors of pediatric soft tissue sarcoma: A Report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Abstract # 10013. Chicago, IL. May 29-June 2, 2015. *J Clin Oncol* 33, 2015 (suppl; abstr 10013).
  136. **Ness KK**, Hudson MM, Jones KE, Leisenring WM, Stovall M, Green DM, Neglia JP, Henderson TO, Casillas JN, Ford J, Effinger KE, Oeffinger KC, Armstrong GT, Robison LL, Nathan PC. Temporal trends in health status among adults in the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Abstract # 10020. Chicago, IL. May 29-June 2, 2015. *J Clin Oncol* 33, 2015 (suppl; abstr 10020). Role: First author
  137. DeBlank PM, Fisher MJ, Lu L, Leisenring WM, **Ness KK**, Sklar CA, Stovall M, Vukadinovich C, Robison LL, Armstrong GT, Krull KR. The impact of vision loss among survivors of childhood astroglial tumors. Neurofibromatosis Conference. Children's Tumor Foundation. Monterey, CA. June 6-9, 2015. Oral presentation.
  138. Ehrhardt MJ, Sandlund JT, Zhang N, **Ness KK**, Chemaitilly W, Krull KR, Brinkman TM, Crom DB, Kun L, Kaste SC, Armstrong GT, Green DM, Srivastava K, Robison LL, Hudson MM, Mulrooney DA. Late outcomes among adult survivors of childhood non-Hodgkin lymphoma (NHL): A report from the St. Jude Lifetime Cohort study. 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015.
  139. **Ness KK**, Hudson MM, Jones KE, Leisenring WM, Stovall M, Green DM, Neglia JP, Henderson TO, Casillas JN, Ford J, Effinger KE, Oeffinger KC, Armstrong GT, Robison LL, Nathan PC. Temporal trends in health status among adults in the Childhood Cancer Survivor Study (CCSS). 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015. Role: First author
  140. Mueller EL, Hutchinson R, Goodman P, Leisenring WM, Sklar CA, Hudson MM, **Ness KK**, Armstrong GT, Robison LL, Stovall M, Oeffinger KC, Nathan PC. Long-term risks for chronic medical conditions and premature mortality in survivors of pediatric soft tissue sarcoma: A Report from the Childhood Cancer Survivor Study (CCSS). 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015.
  141. Mueller EL, Hutchinson R, Goodman P, Leisenring WM, Sklar CA, Hudson MM, **Ness KK**, Armstrong GT,

- Robison LL, Stovall M, Oeffinger KC, Nathan PC. Subsequent malignant neoplasms, chronic health conditions and late mortality in survivors of pediatric soft tissue sarcomas: A report from the Childhood Cancer Survivor Study (CCSS). 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015.
142. Brinkman TM, Vuotto SC, Li C, Oeffinger KC, Green DM, Patel S, Srivastava DK, Stovall M, **Ness KK**, Armstrong GT, Robison LL, Krull KR. Impact of chronic disease on psychological distress in adult survivors in the Childhood Cancer Survivor Study (CCSS). 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015.
  143. Karlage (Partin) RE, Delany JP, Boland AM, Kaste SC, Lu L, Gibson TM, Lanctot JQ, Hudson MM, Robison LL, **Ness KK**. Lean mass and lifestyle factors in survivors of childhood acute lymphoblastic leukemia: A report from the St. Jude Lifetime Cohort Study. 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015. Role: Senior author
  144. Burroughs LN, Kaste SC, Ferry RJ, Mogil R, Howell CR, Hudson MM, Robison LL, **Ness KK**. A randomized trial of low magnitude high frequency mechanical stimulation (LMS) for bone density in childhood cancer survivors (CCS). 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Arlington, VA. June 11-13, 2015. Role: Senior author
  145. 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, South Africa. October 8-11, 2015. Oral presentation. Role: Senior author. *Pediatr Blood Cancer*. 2015 Sep 09;62(S4).
  146. Krull KR, Mulrooney DA, Zhang N, Armstrong GT, Ehrhardt M, Chemaitilly W, Brinkman T, **Ness KK**, Joshi V, Srivastava DK, Robison LL, Hudson MM. Cardiovascular contributions to neurocognitive outcomes in adult survivors of childhood cancer. 47th International SIOP Congress. Cape Town, South Africa. October 8-11, 2015.
  147. Bishop MW, Navid F, Loeb D, Ahn H, Wu J, Mao S, Neel M, Rao B, Santana VM, Pappo AS, Daw NC, **Ness KK**. Prospective evaluations of functional mobility for patients with lower extremity or pelvic osteosarcoma treated on a therapeutic trial. CTOS Annual Meeting. Salt Lake City, UT. November 4-7, 2015. Role: Senior author
  148. Gibson TM, **Ness KK**, Armstrong GT, Green DM, Mulrooney DA, Ojha RP, Srivastava DK, Hudson MM, Robison LL. Longitudinal characterization of hypertension in childhood cancer survivors: A report from the St. Jude Lifetime Cohort Study. AACR Special Conference on Advances in Pediatric Cancer Research: From Mechanisms and Models to Treatment and Survivorship. Abstract # PR15. Ft. Lauderdale, FL. November 9-12, 2015. *Cancer Res (2016) 76 (5\_Supplement): PR15*.
  149. Bhatia S, **Ness KK**, Beranoteh J, Wu J, Francisco L, Fetterhoff A, Namdar G, Gosworth A, Kuo L, Armenian S, Forman S, Sun C, Weisdorf D. Physiologic frailty among Hematopoietic Cell Transplantation (HCT) survivors suggests accelerated aging and is a predictor for premature mortality: A report from the Bone Marrow Transplant Survivor Study (BMTSS). Poster presentation #739. 57th ASH Annual Meeting. Orlando, FL. December 5-8, 2015.
  150. Ehrhardt M, Mulrooney DA, Li C, Sandlund J, Brinkman TM, Huang I-C, 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. 57th ASH Annual Meeting. Poster presentation #4480. Orlando, Florida. December 5-8, 2015.
  151. Corr A, **Ness KK**, Wilson T, Srivastava DK, Neel M, Rao BN, Ehrentraut J. A pilot study on the effects of preoperative physical therapy (PT) in adolescents and young adults diagnosed with a lower extremity (LE) malignancy. APTA Combined Sections Meeting. Anaheim, CA. February 17-20, 2016.
  152. Haynes L, Kaste S, **Ness K**, Wu J, Ortega-Laureano L, Bishop M, Neel M, Rao B, Fernandez-Pineda I. Pathologic fracture in childhood and adolescent osteosarcoma: A single institution experience. Society for Surgical Oncology. Boston, MA. March 2-5, 2016.

153. Wang Z, Yasui Y, **Ness KK**, 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.
154. Gilchrist LS, Tanner L, **Ness KK**. Chemotherapy-induced peripheral neuropathy in children after treatment for non-CNS cancers: Short-term recovery and balance impact. ASPHO Annual Meeting. Minneapolis, MN. May 11-14, 2016. Role: Senior author
155. Bhakta N, Liu Q, Ehrhardt MJ, Baassiri M, Eissa H, Metzger M, **Ness KK**, Hudson MM, Yasui Y, Robison LL. Use of the cumulative burden approach to assess cardiovascular morbidity among pediatric Hodgkin lymphoma (HL) survivors: A report from the St. Jude Lifetime (SJLIFE) Cohort Study. ASPHO Annual Meeting. Minneapolis, MN. May 11-14, 2016.
156. Interiano RB, Kaste SC, Li C, Srivastava DK, Hudson MM, Rao BN, Green DM, Davidoff DM, **Ness KK**, Fernandez-Pineda I. Predictors and functional outcomes of scoliosis in long term survivors of sarcoma. APSA Annual Meeting. San Diego, CA. May 14, 2016.
157. Brinkman T, Li Z, Krull KR, Gajjar A, Merchant T, Boop FA, Klimo P Jr, Khan R, Srivastava DK, Robison LL, Hudson MM, Armstrong GT, **Ness KK**. Functional independence in adult survivors of pediatric CNS tumors: A report from the St. Jude Lifetime Cohort study. ASCO Annual Meeting 2016. Abstract # 10524. Chicago, IL. June 3-7, 2016. Role: Senior author. *J Clin Oncol 34, 2016 (suppl; abstr 10524)*.
158. Wilson CL, Chemaitilly W, Liu W, Hudson MM, Srivastava DK, Robison LL, **Ness KK**. Body composition among adult survivors of pediatric abdominal and pelvic tumors in the St. Jude Lifetime Cohort. ASCO Annual Meeting. Abstract # 10574. Chicago, IL. June 3-7, 2016. *J Clin Oncol 34, 2016 (suppl; abstr 10574)*. Role: Senior author
159. 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, Srivastava DK, Hudson MM, Yasui Y, Robison LL. Cumulative burden of chronic disease in adult survivors of childhood cancer: The St. Jude Lifetime Cohort study (SJLIFE). ASCO Annual Meeting. Chicago, IL. June 3-7, 2016. *J Clin Oncol 36, 2018 (suppl; abstr 10078)*.
160. Green DM, Zhu L, Santos ND, Bissler J, Mulrooney DA, **Ness KK**, Ojha RP, Spunt SL, Navid F, Srivastava DK, Davidoff AM, Robison LL, Hudson MM. Renal function after treatment for childhood cancer. ASCO Annual Meeting. Chicago, IL. June 3-7, 2016. *J Clin Oncol 34, 2016 (suppl; abstr 10571)*.
161. Joshi V, Plana JC, Zhang N, Srivastava DK, **Ness KK**, Mulrooney DA, Green DM, Robison LL, Hudson MM, Marwick TH, Armstrong GA. Left ventricular diastolic function in adult survivors of childhood cancer. 27<sup>th</sup> ASE Annual Scientific Sessions. Abstract # 16-A-101-A SE. Seattle, WA. June 10-14, 2016.
162. Brinkman T, Li Z, Krull KR, Gajjar A, Merchant T, Boop FA, Klimo P Jr, Khan R, Srivastava DK, Robison LL, Hudson MM, Armstrong GT, **Ness KK**. Functional independence in adult survivors of pediatric CNS tumors: A report from the St. Jude Lifetime Cohort study. 17th ISPNO Conference. Liverpool, United Kingdom of Great Britain and Northern Ireland. June 12-17, 2016. Role: Senior author. *Neuro-Oncol 18, 2016 (suppl 3; abstr QOS-30)*.
163. **Ness KK**, Mulrooney DA, Joshi VM, Pui CH, Armstrong GT, Ehrhardt MJ, Green DM, Robison LL, Hudson MM. Cardiac autonomic dysfunction in adult survivors of childhood ALL: A report from the St. Jude Lifetime Cohort Study. 48th SIOP Congress. Dublin, Republic of Ireland. October 19-22, 2016. Role: First author
164. 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, Ireland. October 19-22, 2016. *Pediatr Blood Cancer. 2016 Nov;63 Suppl 3:S5-S321*. Oral presentation. Role: Senior author
165. Basseri MJ, Mulrooney DM, Ehrhardt MJ, Bhakta N, Liu W, **Ness KK**, Brinkman TM, Krull KR, Chemaitilly, Armstrong GT, Green DM, Rubinitz JJ, Inaba H, Srivastava DK, Robison LL, Hudson MM. Late outcomes of



- adult survivors of childhood acute myeloid leukemia (AML) the St. Jude Lifetime (SJLIFE) Cohort. 48th SIOP Congress. Dublin, Republic of Ireland. October 19-22, 2016.
166. Wilson CL, Chemaitilly W, Liu W, Hudson MM, Srivastava DK, Robison LL **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: Senior author
  167. 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.
  168. Leathers J, Armstrong GT, Tolle JJ, Santucci A, **Ness KK**, Mulrooney DA, Green DM, Joshi VM, Robison LL, Hudson MM, Lenihan D. Exercise right heart catheterization for pulmonary hypertension identified on screening echocardiography in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. 20th HFSA Annual Scientific Meeting. Orlando, Florida. September 17-20, 2016.
  169. 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. 16th ELSCCC Symposium. Copenhagen, The Kingdom of Denmark. September 22-23, 2016.
  170. Ehrhardt M, Mulrooney DA, Li C, Sandlund J, Brinkman TM, Huang I-C, 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. 16th ESLCCC Symposium. Copenhagen, Kingdom of Denmark. September 22-23, 2016.
  171. 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 density among adult survivors of childhood cancer. ASHG Annual Meeting. Vancouver, British Columbia, Canada. October 18-22, 2016.
  172. Howell CR, Mehta T, **Ness KK**, Cheong JW, Cherrington AL, Fontaine KR. Body Composition and Mortality in Hispanic Adults. The Obesity Society Annual Meeting. New Orleans, LA. October 31-November 4, 2016.
  173. Hoehn ME, Wilson MW, Patel R, Thiessen C, Pappo A, Gajjar A, Pui CH, Brennan R, Krasin M, Wang M, Srivastava DK, Robison LL, **Ness KK**, Brinkman TM, Hudson MM. Ocular complications in survivors of childhood cancers: A report from the St. Jude Lifetime Cohort Study (SJLIFE). AAO Annual Meeting. Chicago, IL. October 15-18, 2016.
  174. 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. St. Jude Children's Research Hospital. Memphis, TN. November 17, 2016.
  175. 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 diagnosed with B-cell non-Hodgkin lymphoma treated with contemporary LMB chemotherapy: A report from the Childhood Cancer Survivor Study (CCSS). ASH Annual Meeting. San Diego, CA. December 1-6, 2016. Poster presentation.
  176. Cheung YT, Sabin ND, Mulrooney DA, **Ness KK**, Krasin MJ, Brinkman TM, Banerjee P, Srivastava DK, Robison LL, Hudson MM, Krull KR. Chronic pulmonary conditions and neurocognitive function in long-term survivors of childhood Hodgkin Lymphoma. INS Annual Meeting. New Orleans, LA. February 1-4, 2017.
  177. Eissa HM, Lu L, Bassiri M, Bhakta N, Ehrhardt MJ, Mulrooney DA, Triplett BM, Green DM, Robison LL, Hudson MM, **Ness KK**. Chronic conditions and frail health among adult survivors of childhood hematologic malignancies treated with hematopoietic cell transplant (HCT): A report from the St. Jude Lifetime Cohort Study (SJLIFE). ASBMT/CIBMTR Tandem Meeting. Orlando, FL. February 22-26, 2017. Role: Senior author

178. Bjornard K, Howell CR, Klosky J, Chemaitilly W, Srivastava K, Brinkman TM, Green D, Willard T, Jacola L, Krasin M, Hudson MM, Robison LL, **Ness KK**. Sexual dysfunction in women surviving childhood cancer. Annual Clinical Fellows Research Symposium. St. Jude Children's Research Hospital. May 11, 2017. Memphis, TN. Role: Senior author
179. Green DM, Wang M, Krasin MJ, Srivastava DK, Relling MV, Howell C, **Ness KK**, Kaste SC, Greene W, Fernandez-Pineda I, Pui CH, Jeha S, Bishop MW, Furman WL, Robison LL, Hudson MM. Hepatic injury after treatment for childhood cancer: A report from the St. Jude Lifetime Cohort study. Abstract #10567. ASCO Annual Meeting. Chicago, IL. June 2-6, 2017. *J Clin Oncol* 35, 2017 (suppl; abstr 10567).
180. Bhakta N, Liu Q, Ehrhardt MJ, **Ness KK**, Krull KR, Srivastava DK, Ganz PA, Yasui Y, Hudson MM, Robison LL, Huang I-C. Relationship between the cumulative burden (CB) of chronic health conditions (CHC) and health-related quality of life (HRQoL) among childhood cancer survivors (CCS): The St. Jude Lifetime (SJLIFE) cohort. ASCO Annual Meeting. Chicago, IL. June 2-6, 2017. Oral presentation. *J Clin Oncol* 35, 2017 (suppl; abstr 10560).
181. Bhakta N, Liu Q, Ehrhardt MJ, **Ness KK**, Krull KR, Srivastava DK, Ganz PA, Yasui Y, Hudson MM, Robison LL, Huang I-C. Relationship between the cumulative burden (CB) of chronic health conditions (CHC) and health-related quality of life (HRQoL) among childhood cancer survivors (CCS): The St. Jude Lifetime (SJLIFE) cohort. 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Atlanta, GA. June 15-17, 2017.
182. Green DM, **Ness KK**, Huang S, Santucci A, Hebbel R, Solovey A, Duprez D, Ehrhardt M, Srivastava DK, Robison LL, Hudson MM. Endothelial dysfunction in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort study. ASCO Annual Meeting. Atlanta, GA. June 2-6, 2017. *J Clin Oncol* 35, 2017 (suppl; abstr 10564).
183. Gibson TM, Mostoufi-Moab S, Stratton K, Barnea D, Chow EJ, Donaldson SS, Howell R, Hudson MM, Leisenring WM, Mahajan A, Nathan PC, **Ness KK**, Sklar CA, Tonorezos ES, Weldon CB, Wells B, Yasui Y, Robison LL, Armstrong GT, Oeffinger KC. Temporal trends in chronic disease among survivors of childhood cancer diagnosed across three decades: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Atlanta, GA. June 2-6, 2017. *J Clin Oncol* 35, 2017 (suppl; abstr LBA10500).
184. 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). ASCO Annual Meeting. Abstract # 10561. Chicago, IL. June 2-6, 2017. *J Clin Oncol* 35, 2017 (suppl; abstr 10561).
185. Feijen EA, Leisenring WM, Stratton KL, **Ness KK**, Van der Pal HJH, van Dalen EC, Armstrong GT, Aune GJ, Green DM, Hudson MM, Loonen J, Oeffinger KC, Robison LL, Yasui Y, Kremer LC, Chow EJ. Equivalence ratios for late cardiomyopathy after doxorubicin and other anthracyclines/anthraquinones. 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Atlanta, GA. June 15-17, 2017. Oral presentation.
186. Gibson TM, Mostoufi-Moab S, Stratton K, Barnea D, Chow EJ, Donaldson SS, Howell R, Hudson MM, Leisenring WM, Mahajan A, Nathan PC, **Ness KK**, Sklar CA, Tonorezos ES, Weldon CB, Wells B, Yasui Y, Robison LL, Armstrong GT, Oeffinger KC. Temporal trends in chronic disease among survivors of childhood cancer diagnosed across three decades: A report from the Childhood Cancer Survivor Study (CCSS). 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Abstract #82. Atlanta, GA. June 15-17, 2017. Oral presentation.
187. 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). 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Atlanta, GA. June 15-17, 2017.
188. Green DM, **Ness KK**, Huang S, Santucci A, Hebbel R, Solovey A, Duprez D, Ehrhardt M, Srivastava DK, 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. Atlanta, GA. June 15-17, 2017. Oral presentation.
189. Partin RE, Merchant TE, Indelicato DJ, **Ness KK**. Physical fitness in children treated for craniopharyngioma. 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Abstract # 80. Atlanta, GA. June 15-17, 2017. Role: Senior author
  190. 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. 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Abstract #82. Atlanta, GA, June 15-17, 2017. Role: Senior author
  191. Gibson TM, Li Z, Green DM, Armstrong GT, Mulrooney DA, Srivastava DK, Bhakta N, **Ness KK**, Hudson MM, Robison LL. Hypertension in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. 15th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer. Abstract #14. Atlanta, GA. June 15-17, 2017. Oral presentation
  192. Jones CM, Baker JN, Eliason RJ, Keeseey RM, Lanctot JQ, Clegg JL, Mandrell B, **Ness KK**, Krull KR, Srivastava DK, Forrest CB, Hudson MM, Robison LL, Huang IC. Disagreement with importance ratings on health-related quality of life items among childhood cancer survivors, parents, and clinicians: The PEPR Childhood Cancer Survivorship Study. Multinational Association of Supportive Care in Cancer (MASCC) Meeting. Washington, DC. June 22-27, 2017. Poster presentation.
  193. 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. Abstract # SIOP7-0272. Washington, DC. October 12-15, 2017. Oral presentation. *Pediatr Blood Cancer*. 2017 Nov;64(S3).
  194. Varedi M, Lu L, Howell CR, Partin R, Robison LL, Hudson MM, McKenna R, **Ness KK**. Peripheral neuropathy, function and quality of life (QoL) in adult survivors of childhood acute lymphoblastic leukemia (ALL). 94<sup>th</sup> ACRM Annual Conference. Abstract # 301537. Atlanta, GA. October 23-28, 2017. *Arch Phys Med Rehabil*. 2017 Oct;98(10):e91-e92. Role: Senior author
  195. Howell CR, Krull KR, Partin RE, Kadan-Lottick NS, Robison LL, Hudson MM, **Ness KK**. Randomized web-based physical activity intervention in adolescent survivors of childhood cancer. ASCO Cancer Survivorship Symposium: Advancing Care and Research. Orlando, FL. February 16-17, 2018. Poster presentation. Role: Senior author
  196. DeFeo BM, Neel M, Kaste SC, Pui C, Jeha S, Hankins J, Srivastava D, **Ness KK**. Functional outcomes for children, adolescents, and young adults with osteonecrosis following hip core decompression. APTA Combined Sections Meeting. Abstract # 2754043. New Orleans, LA. February 21-24, 2018. Role: Senior author
  197. 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, Australia. April 9-11, 2018. Paper presentation
  198. Nolan MT, Plana JP, Li Z, **Ness KK**, Joshi VM, Srivastava DK, Green DM, Mulrooney DA, Robison LL, Hudson MM, Marwick TH, Armstrong GT. Cardiometabolic risk factors and left ventricular dysfunction risk in adult survivors of childhood cancers: A report from the St. Jude Lifetime Cohort (SJLIFE) study. European Society of Cardiology Congress 2017. Abstract # P6180. Fira Barcelona, Kingdom of Spain. August 26-30, 2017. *Eur Heart J*. 2017 Aug;38(suppl\_1):ehx493.P6180.
  199. Partin RE, Howell CR, Pui CH, Inaba H, Chambliss H, Robison LL, Hudson MM, **Ness KK**. Neuropathy and fine motor function in survivors of childhood acute lymphoblastic leukemia: A report from St. Jude Lifetime Cohort. 65th ACSM Annual Meeting. Minneapolis, MN. May 29-June 2, 2018. Role: Senior author
  200. Wogksch MD, Howell CR, Partin RE, Chambliss H, Inaba H, Pui CH, Hudson MM, Robison LL, **Ness KK**.

- Obesity and walking efficiency in survivors of acute lymphoblastic leukemia: A report from St. Jude Lifetime Cohort. Abstract # 2365. ACSM Annual Meeting. Minneapolis, MN. May 29-June 2, 2018. Role: Senior author
201. Bhakta N, Brinkman TM, Ehrhardt MJ, Liu Q, **Ness KK**, Krull KR, Srivastava DK, Klosky JL, Ganz PA, Hudson MM, Yasui Y, Robison LL, Huang IC. Cumulative burden of severe chronic health conditions (CHC) and health related quality of life (HRQoL) among adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort study (SJLIFE). ASCO Annual Meeting. Chicago, IL. June 1-5, 2018. Poster presentation. *J Clin Oncol.* 36, 2018 (suppl; abstr 10078).
  202. Scott J, Nan L, Liu Q, Yasui Y, Leisenring W, Nathan P, Gibson TM, Armenian S, **Ness KK**, Adams S, Robison LL, Armstrong GT. Association of exercise with late mortality in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor study. ASCO Annual Meeting. Chicago, IL. June 1-5, 2018. *J Clin Oncol.* 36, 2018 (suppl; abstr 10512).
  203. Green DM, Wang M, Krasin MJ, Davidoff AM, Srivastava DK, Jay DW, **Ness KK**, Shulkin BL, Lanctot JQ, Shelton KC, Brennan RC, Ehrhardt MJ, Gibson TM, Kurt BA, Robison LL, Hudson MM, Spunt SL. Long-term renal function after treatment for Wilms tumor. A report from the St. Jude Lifetime Cohort (SJLIFE) Study. ASCO Annual Meeting. Chicago, IL. June 1-5, 2018. *J Clin Oncol.* 36, 2018 (suppl; abstr 10566).
  204. Dixon S, Li N, Yasui Y, Bhatia S, Casillas JN, Gibson TM, Leisenring W, **Ness KK**, Porter J, Robison LL, Hudson MM, Krull KR, Armstrong GT. Racial/ethnic differences in neurocognitive, emotional and quality of life outcomes in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Chicago, IL. June 1-5, 2018. *J Clin Oncol.* 36, 2018 (suppl; abstr 10567).
  205. Green DM, Wang M, Krasin MJ, Davidoff AM, Srivastava DK, Jay DW, **Ness KK**, Shulkin BL, Lanctot JQ, Shelton KC, Brennan RC, Ehrhardt MJ, Gibson TM, Kurt BA, Robison LL, Hudson MM, Spunt SL. Long-term renal function after treatment for Wilms tumor. A report from the St. Jude Lifetime Cohort (SJLIFE) Study. ASCO Annual Meeting. Abstract # 10566. Chicago, IL. June 1-5, 2018. *J Clin Oncol.* 36, 2018 (suppl; abstr 10566).
  206. **Ness KK**, Plana Gomez JC, Joshi V, Luepker RV, Durand JB, Green DM, Partin RE, Santucci A, Srivastava DK, Hudson MM, Robison LL, Armstrong GT. Exercise intolerance among survivors of childhood cancer exposed to cardiotoxic therapy: Identification of survivors at risk through myocardial strain and ejection fraction. ASCO Annual Meeting. Chicago, IL. June 1-5, 2018. *J Clin Oncol.* 36, 2018 (suppl; abstr 10565). Role: First author
  207. Bjornard KL, Howell CR, Klosky JL, Chemaitilly W, Srivastava DK, Brinkman TM, Green DM, Willard VW, Jacola LM, Krasin MJ, Hudson MM, Robison LL, **Ness KK**. Psychosexual functioning in sexually active female survivors of childhood cancer. ASCO Annual Meeting. Abstract # 136. Chicago, IL. June 1-5, 2018. *J Clin Oncol.* 36 (7), 2018 (suppl; abstr 136). Role: Senior author
  208. Yan AP, Chen Y, Hudson MM, Gibson TM, Neglia JP, Oeffinger KC, Leisenring WM, **Ness KK**, Ford J, Henderson TO, Robison LL, Armstrong GT, Yasui Y, Nathan PC. Impact of survivorship care plans (SCPs) on adherence to surveillance for second malignant neoplasms (SMNs) and cardiac dysfunction in the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Chicago, IL. June 1-5, 2018. *J Clin Oncol.* 36, 2018 (suppl; abstr 10560).
  209. Tonorezos ES, Ford J, Wang L, **Ness KK**, Yasui Y, Leisenring WM, Sklar CA, Robison LL, Oeffinger KC, Nathan PC, Armstrong GT, Krull KR, Jones J. Impact of exercise on psychological burden in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting. Chicago, IL. June 1-5, 2018. *J Clin Oncol.* 36, 2018 (suppl; abstr 10513).
  210. van Atteveld, Pluijms SMF, **Ness KK**, Hudson MM, Chemaitilly W, Kaste SC, Robison LL, Neggers SJ, van den Heuvel-Eibrink, 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 2018. Kyoto, Japan. November 16-19, 2018.
  211. Phillips NS, Howell CR, Hudson MM, Pui CH, Robison LL, Krull KR, **Ness KK**. Associations between fitness

- and neurocognitive outcomes in adult survivors of childhood acute lymphoblastic leukemia in the St. Jude Lifetime Cohort Study. SIOF Annual Congress 2018. Abstract # PD-032; PD-607. Kyoto, Japan. November 16-19, 2018. *Pediatr Blood Cancer*. 2018 Nov;65 Suppl 2(Suppl 2):e27455.
212. Esbenshade AJ, Friedman DL, Lu L, Oeffinger KC, Armstrong GT, Krull KR, Neglia JP, Leisenring W, Stovall M, Howell RM, Robison LL, **Ness KK**. Using the cumulative illness rating scale to characterize the burden of chronic conditions among childhood cancer survivors and to predict mortality and future hospitalization. SIOF Annual Congress 2018. Kyoto City, Japan. November 16-19, 2018.
  213. 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). IOP Annual Congress. Kyoto, Japan. November 16-19, 2018.
  214. Barlow-Krelina E, Edelstein K, Krull KR, Chen Y, Yasui Y, Armstrong GT, **Ness KK**, Robison LL, Gibson TM, Oeffinger K, Nathan P, Howell R, Leisenring W. Physical activity and neurocognitive outcomes in adult survivors of childhood cancers: A report from the Childhood Cancer Survivor Study (CCSS). INS 2019 Annual Meeting. New York City, NY. February 20-23, 2019.
  215. Mulrooney DA, Hyun G, **Ness KK**, Ehrhardt MJ, Yasui Y, Duprez D, Howell RM, Leisenring W, Constine LS, Oeffinger KC, Gibson TM, Tonorezos ES, Robison LL, Hudson MM, Armstrong GT. Cardiac events in survivors of childhood cancer treated in more recent eras: A report from the Childhood Cancer Survivor Study. ASCO Annual Meeting 2019. Abstract # 10058. Chicago, IL. May 31-June 4, 2019. Poster presentation
  216. Arsenault V, Qui W, Liu Q, Yeh J, Leisenring WM, **Ness KK**, Armstrong GT, Henderson T, Walsh A, Yabroff R, Oeffinger K, Hudson MM, Yasui Y, Nathan P. Emergency department (ED) visits and hospitalizations in survivors of childhood cancer in the Childhood Cancer Survivor Study. ASCO Annual Meeting 2019. Abstract # 10056. Chicago, IL. May 31-June 4, 2019.
  217. 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). North American Symposium on Late Complications after Childhood Cancer. Atlanta, GA. June 20-22, 2019. Oral presentation.
  218. Dixon S, Howell CR, Lu L, **Ness KK**, Plana J, Joshi V, Luepker RV, Durand JB, Ky B, Lenihan DJ, Green DM, Partin R, Santucci A, Howell RM, Srivastava DK, Hudson MM, Robison LL, Armstrong GT. Serum biomarkers for detection of cardiomyopathy in survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. ASCO Annual Meeting 2019. Abstract # e21526. Chicago, IL. May 31-June 4, 2019.
  219. Arsenault V, Qui W, Liu Q, Yeh J, Leisenring WM, **Ness KK**, Armstrong GT, Henderson T, Walsh A, Yabroff R, Oeffinger K, Hudson MM, Yasui Y, Nathan P. Emergency department (ED) visits and hospitalizations in survivors of childhood cancer in the Childhood Cancer Survivor Study. NASLCCC Annual Meeting. Abstract # P29. Atlanta, GA. June 20-22, 2019.
  220. Dixon S, Howell CR, Lu L, **Ness KK**, Plana J, Joshi V, Luepker RV, Durand JB, Ky B, Lenihan DJ, Green DM, Partin R, Santucci A, Howell RM, Srivastava DK, Hudson MM, Robison LL, Armstrong GT. Serum biomarkers for detection of cardiomyopathy in survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. NASLCCC Annual Meeting. Abstract #P9. Atlanta, GA. June 20-22, 2019.
  221. Green DM, Wang M, Krasin MJ, Srivastava DK, Howell C, Jay DW, **Ness KK**, Greene W, Lanctot J, Shelton K, Davidoff A, Ehrhardt M, Mulrooney D, Robison LL, Hudson MM. Renal function after treatment for childhood cancer: A report from the St. Jude Lifetime Cohort Study. ASCO Annual Meeting 2019. Abstract # 10048. Chicago, IL. May 31-June 4, 2019.
  222. Bhatt NS, Yen HJ, Eissa HM, Huang S, Ehrhardt MJ, Bhakta N, **Ness KK**, Krull KR, Srivastava DK, Robison LL, Hudson MM, Huang IC. Patient-reported outcomes (PROs) in adult survivors of childhood hematopoietic cell transplant (HCT): A report from the St. Jude lifetime cohort study. ASCO Annual Meeting 2019. Chicago,

IL. May 31-June 4, 2019.

223. Krull MR, Howell CR, Partin R, Carney G, Mulrooney DA, Robison LL, Hudson MM, **Ness KK**. Impact of protein supplementation on lean muscle mass in adult survivors of childhood cancer engaged in resistance training. ASCO Annual Meeting 2019. Abstract # 10027. Chicago, IL. May 31-June 4, 2019. Role: Senior author
224. Bhatt NS, Yen HJ, Eissa HM, Huang S, Ehrhardt MJ, Bhakta N, **Ness KK**, Krull KR, Srivastava DK, Robison LL, Hudson MM, Huang IC. Patient-reported outcomes (PROs) in adult survivors of childhood hematopoietic cell transplant (HCT): A report from the St. Jude lifetime cohort study. NASLCCC Annual Meeting. Abstract #P34. Atlanta, GA. June 20-22, 2019.
225. Krull MR, Howell CR, Partin R, Carney G, Mulrooney DA, Robison LL, Hudson MM, **Ness KK**. Impact of protein supplementation on lean muscle mass in adult survivors of childhood cancer engaged in resistance training. NASLCCC Annual Meeting. Abstract # P15. Atlanta, GA. June 20-22, 2019. Role: Senior author
226. 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. ASCO Annual Meeting 2019. Abstract # e23051. Chicago, IL. May 31-June 4, 2019. *J Clin Oncol* 37, 2019 (suppl; abstr e23051). Role: Senior author
227. Hingorani P, Wang M, Srivastava DK, Nathan PC, Oeffinger KC, Yasui Y, Leisenring WM, Howell RM, Mueller EL, Gibson TM, Wolden SL, Bjornard KL, Meyer WH, Arndt CAS, Robison LL, Green DM, Armstrong GT, **Ness KK**. Temporal trends among survivors of rhabdomyosarcoma: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting 2019. Abstract # 11570. Chicago, IL. May 31-June 4, 2019.
228. Hayek S, Gibson TM, Leisenring WM, Guida JL, Gramatges MM, Lupo PJ, Howell RM, Oeffinger KC, Bhatia S, Edelstein K, Hudson MM, Robison LL, Nathan PC, Yasui Y, Krull KR, Armstrong GT, **Ness KK**. Prevalence and predictors of frailty phenotype among childhood cancer survivors and siblings: A report from the Childhood Cancer Survivor Study. ASCO Annual Meeting 2019. Abstract # 10026. Chicago, IL. May 31-June 4, 2019. Role: Senior author.
229. Friedman DN, Goodman PS, Leisenring WM, Diller LR, Cohn S, Tonorezos ES, Howell RM, Smith SA, Wolden SL, Neglia JP, **Ness KK**, Gibson TM, Nathan PC, Robison LL, Oeffinger KC, Armstrong GT, Sklar CA, Henderson TO. Long term morbidity and mortality among survivors of infant neuroblastoma: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting 2019. Abstract # 10051. Chicago, IL. May 31-June 4, 2019.
230. Wogksch MD, Howell CR, Partin RE, Chambliss H, Inaba H, Pui CH, Hudson MM, Robison LL, **Ness KK**. Obesity and walking efficiency in survivors of acute lymphoblastic leukemia: A report from St. Jude Lifetime Cohort. NASLCCC Annual Meeting. Abstract #P20. Atlanta, GA. June 20-22, 2019. Role: Senior author
231. 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. NASLCCC Annual Meeting. Abstract # P38. Atlanta, GA. June 20-22, 2019. Role: Senior author
232. Friedman DN, Goodman PS, Leisenring WM, Diller LR, Cohn S, Tonorezos ES, Howell RM, Smith SA, Wolden SL, Neglia JP, **Ness KK**, Gibson TM, Nathan PC, Robison LL, Oeffinger KC, Armstrong GT, Sklar CA, Henderson TO. Long term morbidity and mortality among survivors of infant neuroblastoma: A report from the Childhood Cancer Survivor Study (CCSS). NASLCCC Annual Meeting. Abstract # P11. Atlanta, GA. June 20-22, 2019.
233. Partin RE, 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, **Ness KK**. Progression of frailty in young adult survivors of childhood cancer: St. Jude Lifetime Cohort. ASCO Annual Meeting 2019. Abstract # 10057. Chicago, IL. May 31-June 4, 2019. Role: Senior author.

234. Hayek S, Gibson TM, Leisenring WM, Guida JL, Gramatges MM, Lupo PJ, Howell RM, Oeffinger KC, Bhatia S, Edelstein K, Hudson MM, Robison LL, Nathan PC, Yasui Y, Krull KR, Armstrong GT, **Ness KK**. Prevalence and predictors of frailty phenotype among childhood cancer survivors and siblings: A report from the Childhood Cancer Survivor Study. NASLCCC Annual Meeting. Abstract #O28. Atlanta, GA. June 20-22, 2019. Role: Senior author. Oral presentation.
235. Dixon S, Yan Chen, Yasui Y, Pui CH, Hunger S, Silverman LB, Green DM, Kadan-Lottick NS, **Ness KK**, Leisenring W, Howell RM, Oeffinger KC, Neglia JP, Krull KR, Hudson MM, Robison LL, Mertens AC, Armstrong GT, Nathan PC. Chronic health conditions (CHC) and late mortality in survivors of acute lymphoblastic leukemia (ALL) in the Childhood Cancer Survivor Study. ASCO Annual Meeting 2019. Abstract # 10016. Chicago, IL. May 31-June 4, 2019.
236. Partin RE, 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, **Ness KK**. Progression of frailty in young adult survivors of childhood cancer: St. Jude Lifetime Cohort. NASLCCC Annual Meeting. Abstract # O05. Atlanta, GA. June 20-22, 2019. Role: Senior author. Oral presentation.
237. Im C, Howell CR, Sapkota Y, Moon WJ, Chemaitilly W, Gibson TM, Mulrooney D, **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.
238. Ehrhardt M, Howell C, Hale K, Baassiri M, Rodriguez C, Wilson CL, Joshi S, Lemond T, Shope S, Howell R, Wang Z, Srivastava DK, Mulrooney D, Zhang J, Robison LL, **Ness KK**, Hudson, MM. Subsequent breast cancer in female childhood cancer survivors in the St. Jude Lifetime Cohort Study (SJLIFE). NASLCCC Annual Meeting. Abstract # O03. Atlanta, GA. June 20-22, 2019. Oral presentation.
239. Mulrooney DA, Hyun G, **Ness KK**, Ehrhardt M, Yasui Y, Duprez D, Howell R, Leisenring W, Constine L, Oeffinger K, Gibson TM, Tonorezos E, Robison LL, Hudson MM, Armstrong GT. Reduction in cardiac events for survivors of childhood cancer treated in more recent eras: A report from the Childhood Cancer Survivor Study. NASLCCC Annual Meeting. Abstract # O18. Atlanta, GA. June 20-22, 2019. Oral presentation.
240. Hayek S, Gibson T, Leisenring W, Guida J, Gramatges M, Lupo P, Howell R, Oeffinger K, Bhatia S, Edelstein K, Hudson M, Robison L, Nathan P, Yasui Y, Krull K, Armstrong G, **Ness KK**. Frailty among childhood cancer survivors: A report from the Childhood Cancer Survivor Study (CCSS). NASLCCC Annual Meeting. Abstract # O18. Atlanta, GA. June 20-22, 2019. Role: Senior author. Oral presentation.
241. O'Neil S, Partin R, Howell C, Pui CH, Inaba H, Chambliss H, Robison LL, Hudson MM, **Ness KK**. Neuropathy and fine-motor-function in survivors of childhood Acute Lymphoblastic Leukemia: A report from the St. Jude Lifetime Cohort Study. NASLCCC Annual Meeting. Abstract # P35. Atlanta, GA. June 20-22, 2019.
242. Dixon S, Yan Chen, Yasui Y, Pui CH, Hunger S, Silverman LB, Green DM, Kadan-Lottick NS, **Ness KK**, Leisenring W, Howell RM, Oeffinger KC, Neglia JP, Krull KR, Hudson MM, Robison LL, Mertens AC, Armstrong GT, Nathan PC. Chronic health conditions (CHC) and late mortality in survivors of acute lymphoblastic leukemia (ALL) in the Childhood Cancer Survivor Study. NASLCCC Annual Meeting. Abstract # O04. Atlanta, GA. June 20-22, 2019. Oral presentation.
243. Ehrhardt M, Chen Y, Sandlund J, Bluhm E, Hayashi R, Beckett K, Leisenring W, Metzger M, **Ness KK**, Krull K, Oeffinger K, Gibson TM, Cairo M, Gross T, Robison LL, Armstrong GT, Yasui Y, Hudson MM, Mulrooney D. Late health outcomes following contemporary Lymphome Malin De Burkitt therapy for Mature B-Cell Non-Hodgkin Lymphoma: A report from The Childhood Cancer Survivor Study. NASLCCC Annual Meeting. Abstract # P32; S129. Atlanta, GA. June 20-22, 2019.
244. Barlow-Krelina E, Chen Y, Yasui Y, Till C, Gibson TM, **Ness KK**, Leisenring WM, Howell RM, Nathan PC, Oeffinger KC, Robison LL, Armstrong GT, Krull KR, Edelstein K. Physical activity and neurocognitive outcomes in adult survivors of childhood cancers: A report from the Childhood Cancer Survivor Study. NASLCCC Annual Meeting. Abstract # P21. Atlanta, GA. June 20-22, 2019.

245. Brinkman T, Mandrell B, Lubas M, Howell C, Banerjee P, Li C, Srivastava DK, **Ness KK**, Robison LL, Hudson MM, Krull KR. Melatonin intervention for neurocognitive deficits in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. NASLCCC Annual Meeting. Abstract # P8. Atlanta, GA. June 20-22, 2019.
246. Bhatt NS, Yen HJ, Eissa HM, Huang S, Ehrhardt MJ, Bhakta N, **Ness KK**, Krull KR, Srivastava DK, Robison LL, Hudson MM, Huang IC. Patient-reported outcomes in adult survivors of childhood hematopoietic cell transplant: A report from the St. Jude Lifetime Cohort Study. ASCO Annual Meeting 2019. Chicago, IL. May 31-June 4, 2019.
247. 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.
248. Dixon S, Chen Y, Yasui Y, Pui CH, Hunger S, Silverman L, Green D, Kadan-Lottick N, **Ness KK**, Leisenring W, Howell RM, Oeffinger K, Neglia J, Krull KR, Hudson MM, Robison LL, Mertens A, Armstrong GT, Nathan P. Effect of risk-stratified therapy on health status and sociodemographic outcomes in survivors of Acute Lymphoblastic Leukemia (ALL) in the Childhood Cancer Survivor Study. SIOP Annual Congress. Lyon, French Republic. October 23-26, 2019.
249. 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. Obesity Week 2019. Abstract # 21250. Las Vegas, NV. November 3-7, 2019. Role: Senior author
250. Qin N, Li Z, 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. San Diego, CA. April 27-28, 2020.
251. Williams AL, Krull KR, Howell CR, Banerjee P, Brinkman TM, Kaste SC, Partin RE, Srivastava DK, Armstrong GT, Robison LL, Hudson MM, **Ness KK**. Frailty and neurocognitive decline in young adult survivors of childhood cancer: A longitudinal analysis from the St. Jude Lifetime Cohort. ASCO Annual Meeting 2020. Abstract # 10555; poster # 442. Chicago, IL. May 29-June 2, 2020. Role: Senior author. Poster presentation.
252. Dixon S, Lu L, Wilson CL, Jefferies JL, Merchant TE, Howell RM, **Ness KK**, Srivastava DK, Hudson MM, Robison LL, Chemaitilly W, Armstrong GT. Prediabetes and progression to diabetes among adult survivors of childhood cancer in the St. Jude Lifetime Cohort. ASCO Annual Meeting 2020. Abstract # 10548; poster # 435. Chicago, IL. May 29-June 2, 2020. Poster presentation.
253. 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 Annual Meeting 2020. Abstract # 10554; poster 441. Chicago, IL. May 29-June 2, 2020. Poster presentation.
254. Rodwin R, **Ness KK**, Srivastava DK, Brinkman TM, Krull KR, Armstrong GT, Khan R, Phillips N, Merchant T, Robison LL, Hudson MM, Lu L, Kadan-Lottick N. Peripheral motor and sensory neuropathy in survivors of childhood central nervous system (CNS) tumors in the St. Jude Lifetime (SJLIFE) cohort. ASCO Annual Meeting 2020. Abstract # 10549; poster # 436. Chicago, IL. May 29-June 2, 2020. Poster presentation. *J Clin Oncol* 2020 May; 85(15):10549-10549.
255. Lubas MM, Wang M, Jefferies JL, **Ness KK**, Ehrhardt MJ, Krull KR, Mulrooney DA, Srivastava DK, Robison LL, Hudson MM, Armstrong GT, Brinkman TM. Emotional distress, stress, and cardiovascular health in adult survivors of childhood cancer. ASCO Annual Meeting 2020. Abstract # 10547; poster # 434. Chicago, IL. May 29-June 2, 2020. Poster presentation.



256. Gunturkun F, Davis RL, Armstrong GT, Jefferies J, **Ness KK**, Green DM, Lucas JT, Srivastava DK, Hudson MM, Robison LL, Mulrooney Dm, Soliman EZ, Karabayir I, Akbilgic O. Deep learning for improved prediction of late-onset cardiomyopathy among childhood cancer survivors: A report from the St. Jude Lifetime Cohort (SJLIFE). ASCO Annual Meeting 2020. Abstract # 10545, poster # 432. Chicago, IL. May 29-June 2, 2020. Poster presentation.
257. Rodwin RL, Chen Y, Yasui Y, Leisenring WM, Gibson TM, Nathan PC, Howell RM, Krull KR, Mohrmann C, Hayashi RJ, Chow EJ, Oeffinger KC, Armstrong GT, **Ness KK**, Kadan-Lottick NS. Neuromuscular dysfunction and associated health/socioeconomic outcomes: A report from the Childhood Cancer Survivor Study. ASCO Annual Meeting 2020. Abstract # 10546; poster # 433. Chicago, IL. May 29-June 2, 2020. Poster presentation.
258. Green DM, Wang M, Krasin MJ, Srivastava DK, Relling MV, Howell CR, **Ness KK**, Kaste SC, Greene W, Jaw DW, Davidoff AM, Pui CH, Jeha S, Bishop MW, Furman WL, Robison LL, Hudson MM. Longitudinal evaluation of alanine aminotransferase after treatment for childhood cancer. A report from the St. Jude Lifetime Cohort Study. ASCO Annual Meeting 2020. Abstract # e22525. Chicago, IL. May 29-June 2, 2020.
259. Lubas M, Brinkman TM, Mandrell B, Ehrhardt M, **Ness KK**, Srivastava DK, Robison LL, Hudson MM, Krull KR. Sleep duration and physical and mental health among adult survivors of childhood cancer: Results from the St. Jude Lifetime Cohort. SLEEP 2020 Annual Meeting, APSS Annual Conference. Abstract # 1015. Philadelphia, PA. August 27-30, 2020.
260. Alberts NM, Tonning-Olsson I, Li C, Ehrhardt MJ, Mulrooney DA, Liu W, Pappo AS, Bishop MW, Angheliescu DL, Srivastava DK, Robison LL, Hudson MM, **Ness KK**, Krull KR, Brinkman TM. Pain and functional outcomes in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study. SIOP Annual Congress. Virtual. October 14-17, 2020. Paper presentation.
261. Krull KR, Liu W, Mulrooney DA, **Ness KK**, Metzger ML, Krasin M, Ehrhardt MJ, Banerjee P, Lanctot JQ, Srivastava DK, Robison LL, Hudson MM, Mandrell BN. Obstructive sleep apnea in long-term survivors of Hodgkin lymphoma: A report from the St. Jude Lifetime Cohort Study. SIOP Annual Congress. Virtual. October 14-17, 2020. Oral presentation.
262. Brinkman TM, Krull KR, Reddick G, Scoggins M, Li Z, Zou P, Glass J, **Ness KK**, Sabin N, Gajjar A, Armstrong GT, Robison LL, Hudson MM. Neural network integrity for facial affect recognition in survivors of medulloblastoma. 19<sup>th</sup> ISPNO Symposium 2020. Abstract #373. Nagano, Japan. December 13-16, 2020. Paper presentation. *Neuro-Oncol 22, 2020 (suppl 3; abstr QOL-15)*.
263. 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. AACR Annual Meeting 2021. Abstract # 3701. Virtual. April 10-15; May 17-21, 2021.
264. Svendsen NM, LoRusso SM, Brinkman TM, **Ness KK**. Association between organ system impairments and fatigue in adolescent cancer survivors. 2021 ACSM Annual Meeting, World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise in Regenerative Medicine. Abstract # 2552. June 1-5, 2021. Role: Senior author.
265. Wogksch MD, Wolcott BT, O'Neil ST, Sketch AE, Nolan VG, Smeltzer MP, Mzayek F, Armstrong GT, Mulrooney DA, Ehrhardt MJ, Jefferies JL, Srivastava DK, Robison LL, Hudson MM, **Ness KK**. Fitness, cardiovascular disease and mortality in childhood cancer survivors: A St. Jude Lifetime Cohort. 2021 ACSM Annual Meeting, World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise in Regenerative Medicine. Abstract # 5225. Virtual. June 1-5, 2021. Role: Senior author. *Med Sci Sports Exerc, 53(8S), 195. 2021*.
266. Friedman D, **Ness KK**, et al. Late morbidity and mortality among survivors of neuroblastoma treated with contemporary therapy: A report from the Childhood Cancer Survivor Study. ASCO Annual Meeting 2021. Abstract # 10044. Virtual. June 4-8, 2021. *J Clin Oncol 39, 2021 (suppl 15; abstr 10044)*.

267. Foley EM, Hyun G, Zhang FF, Krull KR, Bhakta N, Ehrhardt MJ, Brinkman TM, Lanctot JQ, Robison LL, Hudson MM, **Ness KK**. Associations between diet and chronic disease burden in adult survivors of childhood cancer in the St. Jude Lifetime Cohort (SJLIFE) Study. ASCO 2021 Annual Meeting. Abstract #e22017. Virtual. June 4-8, 2021. *J Clin Oncol* 39, 2021 (suppl 15; abstr e22017).
268. Dixon S, Liu Q, Ehrhardt MJ, Chow EJ, Oeffinger KC, Mertens A, Nathan PC, Howell RM, Leisenring WM, Krull KR, **Ness KK**, Hudson MM, Robison LL, Yasui Y, Armstrong GT. Mortality among five-year survivors of childhood cancer: Results over five decades of follow-up in the Childhood Cancer Survivor Study. ASCO Annual Meeting. Abstract # 10013. Virtual. June 4-8, 2021.
269. Williams AL, Mandelblatt J, Wang M, **Ness KK**, Armstrong GT, Bhakta N, Brinkman T, Chemaitilly W, Ehrhardt MJ, Mulrooney DA, Small B, Wang Z, Yasui Y, Srivastava DK, Hudson MM, Robison LL, Krull KR. Accelerated aging and mortality in long-term survivors of childhood cancer: A report from the St. Jude Lifetime Cohort (SJLIFE). ASCO Annual Meeting 2021. Abstract # 10045. Virtual. June 4-8, 2021.
270. Bottinor W, Im C, Armenian S, Borah H, Howell R, **Ness KK**, Oeffinger KC, Armstrong GT, Yasui Y, Chow E. Overall and cardiac-specific mortality following serious cardiovascular events in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting 2021. Abstract # 12073. Virtual. June 4-8, 2021.
271. Noyd DH, Li N, Yasui Y, Chow EJ, Bhatia S, Gibson TM, Landstrom AP, Gilchrist SC, Tonorezos E, Zullig LL, Casillas J, Berkman A, **Ness KK**, Mulrooney DA, Leisenring WM, Howell C, Shoag J, Kirchoff A, Howell R, Nathan P, Armstrong GT, Oeffinger KC. Disparities in cardiovascular risk factors by race/ethnicity among adult survivors of childhood cancer: A report from the Childhood Cancer Survivorship Study (CCSS). ASCO Annual Meeting 2021. Abstract # 10017. Virtual. June 4-8, 2021. *J Clin Oncol* 39, 2021 (suppl 15; abstr 10017).
272. Foster KL, Green DM, Mirzaei SS, Xing M, **Ness KK**, Krull KR, Brinkman TM, Ehrhardt MJ, Chemaitilly W, Dixon SB, Bhakta N, Brennan RC, Krasin MJ, Davidoff AM, Robison LL, Hudson MM, Mulrooney DA. Late health outcomes in survivors of Wilms tumor: A report from the St. Jude Lifetime (SJLIFE) Cohort Study. ASCO Annual Meeting 2021. Abstract # 334677; #10038. Virtual. June 4-8, 2021. *J Clin Oncol* 39, 2021 (suppl 15; abstr 10038).
273. Alexander T, Liu W, Dixon SB, Williams AL, Chemaitilly W, Mulrooney D, **Ness KK**, Brinkman T, Banerjee P, Srivastava DK, Robison LL, Hudson MM, Krull KR. Effects of metabolic syndrome on cognitive outcomes in long-term survivors of childhood cancer. ASCO Annual Meeting 2021. Abstract # 12013. Virtual. June 4-8, 2021. Oral presentation.
274. Shin H, Dudley WN, Bartlett R, Yasui Y, Srivastava DK, **Ness KK**, Krull KR, Robison LL, Hudson MM, Huang IC. Determinants of symptom clusters and associations with health outcomes in childhood cancer survivors: A report from the St. Jude Lifetime Cohort (SJLIFE). ASCO Annual Meeting 2021. Abstract # 10046. Virtual. June 4-8, 2021. *J Clin Oncol* 39, 2021 (suppl 15; abstr 10046).
275. Phillips N, Stratton KL, Williams AM, Lui W, Ahles T, **Ness KK**, Gibson TM, Banerjee P, Yasui Y, Oeffinger KC, Chow EJ, Howell RM, Robison LL, Armstrong GT, Leisenring WM, Krull KR. Accelerated cognitive decline in adult survivors of pediatric central nervous system (CNS) tumors: A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting 2021. Abstract # 10049. Virtual. June 4-8, 2021. *J Clin Oncol* 39, 2021 (suppl 15; abstr 10049).
276. Lindsey L, **Ness KK**, Brinkman T, Huang IC, Hudson MM. Forgoing needed medical care among long-term survivors of childhood cancer: Racial/ethnic-insurance disparities. World Congress of Epidemiology 2021. Abstract # 1446. Virtual. September 3-6, 2021. Oral presentation. *Int J Epidemiol.* 2021;50(1):141.
277. Im C, Stokes DC, Krasin MJ, Davidoff AM, Green DM, Austin ED, Yuan Y, Wilson CL, Sapkota Y, **Ness KK**, Hudson MM, Robison LL, Mulrooney DA, Yasui Y. Predicting risk for late restrictive lung defects in survivors of childhood cancer. ASHG Annual Meeting 2021. Virtual. October 18-22, 2021. Poster presentation.
278. Rodwin R, Kairalla J, Hibbitts E, Devidas M, Whitley M, Mohrmann C, Loh M, Angiolillo A, **Ness KK**, Kadan-Lottick N. Chemotherapy-induced peripheral neuropathy persists despite reduction of Vincristine frequency

- in children with B-acute lymphoblastic leukemia: A report from Children's Oncology Group AALL0932. SIOP 2021 Annual Conference. Abstract # 351. Virtual. October 21-24, 2021. Oral presentation.
279. Goodenough C, Diouf B, Yang W, Sapkota Y, Finch E, Partin R, Wogksch M, Hudson M, Robison L, Jeha S, Wang Z, Evans W, **Ness KK**. CEP72 Genotype is associated with prevalent motor neuropathy in survivors of childhood Acute Lymphoblastic Leukemia. SIOP 2021 Annual Conference. Abstract # 1712. Virtual. October 21-24, 2021. Role: Senior author.
280. Brinkman T, Li Z, Ehrhardt M, Delaney A, Partin R, Krull M, Srivastava DK, Armstrong GT, Robison LL, Hudson MM, **Ness KK**. Pain and frailty in childhood cancer survivors: A report from the St. Jude Lifetime Cohort Study. SIOP 2021 Annual Conference. Abstract # 1709. Virtual. October 21-24, 2021. Oral presentation.
281. Schwartz L, Dhaduk R, Howell C, Brinkman T, Ehrhardt M, Delaney A, Srivastava DK, Lanctot J, Armstrong GT, Robison LL, Hudson MM, **Ness KK**, Henderson T. The association of neighborhood effects and frailty in childhood cancer survivors: A report from the St. Jude Lifetime Cohort Study. SIOP 2021 Annual Conference. Abstract # 195. Virtual. October 21-24, 2021. Virtual. Oral presentation; SIOP Award Session.
282. van Atteveld JE, Mulder RL, van den Heuvel-Eibrink MM, Hudson MM, Kremer LCM, Skinner R, Wallace WH, Constine LS, Higham CE, Kaste SC, Niinimäki R, Mostoufi-Moab S, Alos N, Fintini D, Templeton KJ, Ward LM, Frey E, Franceschi R, Pavasovic V, Karol SE, Amin NL, Vrooman LM, Harila-Saari A, Demoor-Goldschmidt C, Murray RD, Bardi E, Lequin MH, Faienza MF, Zaikova O, Berger C, Mora S, **Ness KK**, Neggers SJCM, Pluijm SMF, Simmons JH, Di Iorgi N. Bone mineral density surveillance for childhood, adolescent, and young adult cancer survivors: Evidence-based recommendations from the International Late Effects of Childhood Cancer Guideline Harmonization Group. SIOP 2021 Annual Conference. Abstract # 195. Virtual. October 21-24, 2021. Oral presentation; SIOP Award Session.
283. Huang IC, Sim JA, Poudel PG, Srivastava DK, **Ness KK**, Hudson MM, Robison LL, Baker JN, Schwartz CE. Response-shift effects in future health expectations among long-term adult survivors of childhood cancer: A report from St. Jude Lifetime Cohort Study. 28<sup>th</sup> ISOQOL Annual Conference. Virtual. October 2021. Oral presentation.
284. Rodwin RL, Ma X, **Ness KK**, Kadan-Lottick, Wang R. Physical therapy utilization among hospitalized patients with pediatric acute lymphoblastic leukemia. 63<sup>rd</sup> ASH Annual Meeting & Exposition. Abstract # 147232. Atlanta, GA. December 11-13, 2021.
285. Schwartz LF, Tan MM, McCrae JS, Burkhardt T, **Ness KK**, Henderson TO. Adverse childhood experiences (ACEs) in newly-diagnosed childhood and Adolescent/Young Adult (AYA) cancer patients with hematologic malignancies. 63<sup>rd</sup> ASH Annual Meeting & Exposition. Abstract # 144481; Publication # 4108. Atlanta, GA. December 11-13, 2021.
286. Banerjee P, Liu W, Alexander T, Phillips NS, Williams AM, Mulrooney DA, Ehrhardt MJ, Brinkman TM, **Ness KK**, Srivastava D, Robison LL, Hudson MM, Krull KR. Late neurocognitive decline in adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort Study. International Neuropsychological Society. February 2-5, 2022. New Orleans, LA. Oral presentation.
287. Dong Q, Song N, Chen C, Li Z, Easton J, Mulder H, Zhang J, Neale G, Walker E, Huang IC, **Ness KK**, Hudson MM, Robison LL, Wang Z. Epigenome-wide association study of blood lipids among survivors of childhood cancer in the St. Jude Lifetime Cohort. AACR Annual Meeting 2022. Abstract # 3764. New Orleans, LA. April 8-13, 2022. Oral presentation.
288. 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. AACR Annual Meeting 2022. New Orleans, LA. April 8-13, 2022.
289. Chen C, Song N, Sun X, Dong Q, Li Z, Wang H, Bhatia S, Mulder H, Easton J, Zhang J, Yasui Y, Armstrong GT, **Ness KK**, Hudson MM, Robison LL, Wang Z. HLA and non-HLA associations with childhood and adolescent Hodgkin lymphoma risk. AACR Annual Meeting 2022. Abstract # 6344. New Orleans, LA. April 8-13, 2022. Oral presentation. *Cancer Res (2022) 82 (12\_Supplement): 6344.*

290. de Blank PMK, Lange KR, Xing M, Mirzaei Salehabadi S, Srivastava D, Brinkman TM, **Ness KK**, Oeffinger KC, Neglia J, Krull KR, Yasui Y, Howell R, Turcotte LM, Leisenring W, Armstrong GT, Bowers D, Okcu MF. Late mortality and morbidity of adult survivors of childhood glioma treated across three decades: A report from the Childhood Cancer Survivor Study. ASCO Annual Meeting. Abstract # 10007. Chicago, IL. June 3-7, 2022. Platform presentation. *J Clin Oncol* 40, 2022 (suppl 16; abstr 10007).
291. Green DM, Wang M, Krasin MJ, Srivastava DK, Onder S, **Ness KK**, Green W, Lanctot JQ, Shelton KC, Mulrooney DA, Ehrhardt MJ, Davidoff AM, Robison LL, Hudson MM. Longitudinal evaluation of kidney function after treatment for childhood cancer: a report from the St. Jude Lifetime Cohort Study. Abstract #: 362614. ASCO Annual Meeting. Chicago, IL. June 3-7, 2022.
292. Finch ER, Foley E, Hyun G, Goodenough CG, Zhang FF, Krull KR, Bhakta N, Park Y, Ehrhardt MJ, Brinkman TM, Lanctot JQ, Robison LL, Hudson MM, **Ness KK**. Associations between diet quality and chronic health conditions (CHCs) in adult survivors of childhood cancer in the St. Jude Lifetime Cohort Study (SJLIFE). ASCO Annual Meeting. Abstract #: 382449; poster # 12095; poster # 341. Chicago, IL. June 3-7, 2022. Poster presentation. *J Clin Oncol* 40, 2022 (suppl 16; abstr 12095).
293. Dixon SB, Liu Q, Ehrhardt MJ, Chow EJ, Oeffinger KC, Mertens AC, Nathan PC, Howell RM, Leisenring WM, Krull KR, **Ness KK**, Hudson MM, Robison LL, Yasui Y, Armstrong GT. Modifiable risk factors for late mortality among five-year survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. ASCO Annual Meeting. Abstract #: 10014; poster #229. Chicago, IL. June 3-7, 2022. Poster presentation. *J Clin Oncol* 40, 2022 (suppl 16; abstr 10014).
294. Williams AL, Phillips NS, Goodenough CG, Brinkman TM, Papini C, Jacola C, Jacola LM, Delaney AM, Armstrong GT, Jefferies JL, Khan RB, Robison LL, Hudson MM, **Ness KK**, Krull KR. Neuropathy and neurocognitive impairment in long-term survivors of pediatric cancer treated without Central Nervous System (CNS) directed therapy. ASCO Annual Meeting. Abstract #: 368702. Chicago, IL. June 3-7, 2022. Poster discussion. *J Clin Oncol* 40, 2022 (suppl 16; abstr 10020).
295. Ehrhardt MJ, Liu Q, Jefferies JL, Mulrooney DA, Sapkota Y, Goldberg J, Dixon SB, Lucas JT, **Ness KK**, Srivastava DK, Mazur W, Gomez JCP, Robison LL, Yasui Y, Hudson MM, Armstrong GT. Associations between global longitudinal strain (GLS), N-terminal-prohormone brain natriuretic peptide (NT-proBNP) and subsequent cardiomyopathy (CM) in a clinically assessed cohort of childhood cancer survivors exposed to cardiotoxic therapy. ASCO Annual Meeting. Abstract #: 10052; poster 266. Chicago, IL. June 3-7, 2022. Poster presentation. *J Clin Oncol* 40, 2022 (suppl 16; abstr 10052).
296. Goodenough CG, Baedke JL, Li N, Brinkman TM, Wilson CL, Delaney AM, 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 (BMD) deficits in adult survivors of childhood cancer: Attributable risks and long-term consequences. ASCO Annual Meeting. Abstract #: e22021. Chicago, IL. June 3-7, 2022. *J Clin Oncol* 40, 2022 (suppl 16; abstr e22021).
297. Webster RT, Liu W, McGrady ME, Alberts NM, Brinkman TM, **Ness KK**, Fuemmeler B, Kunin-Batson A, Srivastava DK, Huang IC, Armstrong GT, Howell RM, Green DM, Yasui Y, Krull KR. Symptom profiles and health care utilization in long-term survivors of Survivors of Childhood Cancer Survivor (CCSS) study. ASCO Annual Meeting. Abstract #: e22024. Chicago, IL. June 3-7, 2022. Oral presentation. *J Clin Oncol* 40, 2022 (suppl 16; abstr e22024).
298. Lubas M, Liu W, Papini C, Webster (Tillery) R, Willard VW, Ehrhardt MJ, Williams A, Huang IC, Srivastava DK, Armstrong GT, Krull KR, Robison LL, **Ness KK**, Hudson MM, Brinkman TM. Longitudinal associations between psychosocial morbidity, chronic health conditions, quality of life, and mortality in adult survivors of childhood cancer. ASCO Annual Meeting. Abstract #: e24147. Chicago, IL. June 3-7, 2022. *J Clin Oncol* 40, 2022 (suppl 16; abstr e24147).
299. Myers SA, Finch ER, **Ness KK**, Campbell KL. Physical performance limitations and participation restrictions among cancer survivors: A population-based study from NHANES data 2015-2018. ASCO Annual Meeting. Abstract # 12096; poster #342. Chicago, IL. June 3-7, 2022. *J Clin Oncol* 40, 2022 (suppl 16; abstr 12096).

300. Dixon S, Liu Q, Ehrhardt MJ, Chow EJ, Oeffinger KC, Mertens A, Nathan PC, Howell RM, Leisenring WM, Krull KR, **Ness KK**, Hudson MM, Robison LL, Yasui Y, Armstrong GT. Mortality among five-year survivors of childhood cancer: Results over five decades of follow-up in the Childhood Cancer Survivor Study. ASCO Annual Meeting. Abstract #: 372378; # A2209. Chicago, IL. June 3-7, 2022. Discussion.
301. Park Y, Williams AL, Finch ER, Lanctot JQ, Jian S, Krull KR, Armstrong GT, Hudson MM, Colditz GA, Robison LL, **Ness KK**. Protein, fat, and animal food intakes and premature aging in adult survivors of childhood cancer: St. Jude Lifetime (SJLIFE) Cohort. ASCO Annual Meeting. Abstract #: 10055; poster # 269. Chicago, IL. June 3-7, 2022. Role: Senior author. *J Clin Oncol* 40, 2022 (suppl 16; abstr 10055).
302. de Blank PMK, Lange KR, Xing M, Mirzaei Salehabadi S, Srivastava D, Brinkman TM, **Ness KK**, Oeffinger KC, Neglia J, Krull KR, Yasui Y, Howell R, Turcotte LM, Leisenring W, Armstrong GT, Bowers D, Okcu MF. Late mortality and morbidity of adult survivors of childhood glioma treated across three decades: A report from the Childhood Cancer Survivor Study. ISPNO Annual Meeting. Hamburg, Federal Republic of Germany. June 12-15, 2022. *Neuro-Oncol* 24, 2022 (suppl 1; abstr LGG-15).
303. Goodenough CG, Baedke JL, Li N, Brinkman TM, Wilson CL, Delaney AM, 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 (BMD) deficits in adult survivors of childhood cancer: Attributable risks and long-term consequences. ISLCCC Conference. Utrecht, Netherlands. July 8-9, 2022. Oral presentation.
304. Goodenough CG, Wogksch MD, Kundu M, Lear M, Thomas PG, Srivastava DK, Wang Z, Armstrong GT, Hudson MM, Robison LL, **Ness KK**. Associations between biomarkers of cellular senescence and inflammation and exercise capacity among adult survivors of childhood cancer. ISLCCC Conference. Utrecht, Netherlands. July 8-9, 2022. Oral presentation.
305. Dixon SB, Liu Q, Ehrhardt MJ, Chow EJ, Oeffinger KC, Mertens A, Nathan PC, Howell RM, Leisenring WM, Krull KR, **Ness KK**, Hudson MM, Robison LL, Yasui Y, Armstrong GT. Health-related late mortality among aging five-year survivors of childhood cancer: a report from the Childhood Cancer Survivor Study. ISLCCC Conference. Utrecht, Netherlands. July 8-9, 2022.
306. Lubas M, Liu W, Papini C, Webster (Tillery) R, Willard VW, Ehrhardt MJ, Williams A, Huang IC, Srivastava DK, Armstrong GT, Krull KR, Robison LL, **Ness KK**, Hudson MM, Brinkman TM. Longitudinal associations between psychosocial morbidity, chronic health conditions, quality of life, and mortality in adult survivors of childhood cancer. ISLCCC Conference. Utrecht, Netherlands. July 8-9, 2022. Oral presentation.
307. Ehrhardt MJ, Liu Q, Dixon SB, Caron E, Redd D, Shelton KC, Bhakta N, Mulrooney DA, Brinkman TM, Huang IC, Chemaitilly W, Delaney A, Zaidi A, Armstrong GT, Srivastava DK, **Ness KK**, Robison LL, Yasui Y, Hudson MM. Modifiable risks factors (MRFs) and late mortality in the St. Jude Lifetime Cohort (SJLIFE). ISLCCC Conference. Utrecht, Netherlands. July 8-9, 2022. Oral presentation.
308. Webster RT, Liu W, McGrady ME, Alberts NM, Brinkman TM, **Ness KK**, Fuemmeler B, Kunin-Batson AS, Srivastava DK, Huang IC, Armstrong GT, Howell RM, Green DM, Yasui Y, Krull KR. Symptom burden classes and health care utilization in long-term survivors of Childhood Cancer Survivor Study (CCSS). ISLCCC Conference. Utrecht, Netherlands. July 8-9, 2022. Oral presentation.
309. Ehrhardt MJ, Liu Q, Jefferies JL, Mulrooney DA, Sapkota Y, Goldberg J, Dixon SB, Lucas JT, **Ness KK**, Srivastava DK, Mazur W, Gomez JCP, Robison LL, Yasui Y, Hudson MM, Armstrong GT. Associations between global longitudinal strain (GLS), N-terminal-prohormone brain natriuretic peptide (NT-proBNP) and subsequent cardiomyopathy (CM) in a clinically assessed cohort of childhood cancer survivors exposed to cardiotoxic therapy. ISLCCC Conference. Utrecht, Netherlands. July 8-9, 2022. Oral presentation.
310. Webster RT, Liu W, McGrady ME, Alberts NM, Brinkman TM, **Ness KK**, Fuemmeler B, Kunin-Batson AS, Srivastava DK, Huang IC, Armstrong GT, Howell RM, Green DM, Yasui Y, Krull KR. Symptom phenotypes, physical inactivity and smoking among long-term survivors of the Childhood Cancer Survivor Study (CCSS). 54<sup>th</sup> SIOP Annual Congress. Abstract # 738. Barcelona, Kingdom of Spain. September 28-October 1, 2022.

311. Horan MR, Srivastava DK, Bhakta N, Brinkman TM, Wang Z, Krull KR, **Ness KK**, Robison LL, Hudson MM, Huang IC. Impact of chronic health condition burden on subsequent quality-of-life among adult survivors of childhood cancer: a report from St. Jude Lifetime Cohort Study (SJLIFE). 54<sup>th</sup> SIOF Congress. Barcelona, Kingdom of Spain. September 28-October 1, 2022.
312. Chen C, Qin N, Wang M, Tithi S, Hui Y, Chen W, Wu G, Kennetz D, Edmonson MN, Rusch MC, Easton J, Mulder H, Song N, Dong Q, Shelton K, Ehrhardt M, Nichols K, Leisenring W, Yasui Y, Bhatia S, Armstrong GT, **Ness KK**, Hudson MM, Srivastava DK, Wang H, Zhang J, Robison LL, Wang Z. Cancer predisposition variants and subsequent-malignancy-related late-mortality among long-term survivors of childhood cancer. 54th SIOF Congress. Barcelona, Kingdom of Spain. September 28-October 1, 2022. Oral presentation.
313. Chen C, Qin N, Wang H, Song N, Howell R, Mulder HL, Easton J, Zhang J, **Ness KK**, Hudson MM, Robison LL, Yasui Y, Wang H, Mulrooney DA, Wang Z. Pathogenic germline variants in DNA repair genes and cardiac outcomes among long-term survivors of childhood cancer. 54th SIOF Congress. Barcelona, Kingdom of Spain. September 28-October 1, 2022. Oral presentation.
314. Ehrhardt M, Liu Q, Dixon S, Caron E, Redd D, Shelton K, Bhakta N, Mulrooney D, Brinkman T, Huang IC, Chemaitilly W, Delaney Freedman A, Zaidi A, Armstrong GT, Srivastava DK, **Ness KK**, Robison LL, Yasui Y, Hudson MM. Modifiable risk factors (MRFS) and late mortality in the St. Jude Lifetime Cohort Study (SJLIFE). 54th SIOF Congress. Barcelona, Kingdom of Spain. September 28-October 1, 2022.
315. Bass JK, Wang F, Thaxton ME, Warren SE, Srivastava D, Robison LL, Hudson MM, **Ness KK**, Brinkman TM. Self-perceived hearing handicap and social and behavioral outcomes in adult childhood cancer survivors with treatment-induced hearing loss. 54th SIOF Congress. Barcelona, Kingdom of Spain. September 28-October 1, 2022.
316. Ware ME, Delaney A, Krull KR, Brinkman TM, Armstrong GT, Wilson CL, Mulrooney DA, Wang Z, Lanctot JQ, Krull MK, Partin RE, Shelton KC, Srivastava DK, Hudson MM, Robison L, **Ness KK**. Cancer-related worry as a predictor of 5-year physical activity level in childhood cancer survivors. Abstract # 1130. 54th SIOF Congress. Barcelona, Kingdom of Spain. September 28-October 1, 2022. Role: Senior author.
317. **Ness KK**, Gibson TM, Krull M, Terrell S, Wogksch M, Srivastava DK, Armstrong GT, Krull KR, Robison LL, Hudson MM. Remote assessment of physical function in adult survivors of childhood cancer: A report from the St. Jude Lifetime cohort (SJLIFE). 54th SIOF Congress. Abstract # 738. Barcelona, Kingdom of Spain. September 28-October 1, 2022. Role: First author.
318. Dixon SB, Wang F, Lu L, Wilson C, Jefferies J, Green D, Merchant T, Howell R, Srivastava D, Delaney A, Robison L, **Ness KK**, Hudson M, Chemaitilly W, Armstrong G. Prediabetes, progression to diabetes, and risk for late cardiovascular events and kidney disease among adult survivors of childhood cancer in the St. Jude Lifetime Cohort. 54th SIOF Congress. Abstract #: 331. Barcelona, Kingdom of Spain. September 28-October 1, 2022. Oral presentation. *Pediatr Blood Cancer* 2022; 69:e29952.
319. Ehrhardt MJ, Liu Q, Dixon SB, Caron E, Redd D, Shelton KC, Bhakta N, Mulrooney DA, Brinkman TM, Huang IC, Chemaitilly W, Delaney A, Zaidi A, Armstrong GT, Srivastava DK, **Ness KK**, Robison LL, Yasui Y, Hudson MM. Modifiable risks factors (MRFs) and late mortality in the St. Jude Lifetime Cohort (SJLIFE). 54th SIOF Congress. Barcelona, Kingdom of Spain. September 28-October 1, 2022. Oral presentation.
320. Im C, Sharafeldin N, Yuan Y, Sapkota Y, Wang Z, Arnold MA, Armstrong GT, Hudson MM, **Ness KK**, Robison LL, Bhatia S, Neglia JP, Turcotte LM, Yasui Y. Pan-cancer polygenic risk distinctly contributes to prediction of heterogeneous subsequent malignancies across treatment profiles in survivors of childhood cancer. ASHG Annual Meeting. Los Angeles, CA. October 25-29, 2022.
321. Chen C, Qin N, Wang M, Tithi S, Hui Y, Chen W, Wu G, Kennetz D, Edmonson MN, Rusch MC, Easton J, Mulder H, Song N, Dong Q, Shelton K, Ehrhardt M, Nichols K, Leisenring W, Yasui Y, Bhatia S, Armstrong GT, **Ness KK**, Hudson MM, Srivastava DK, Wang H, Zhang J, Robison LL, Wang Z. Cancer predisposition variants and subsequent-malignancy-related late-mortality among long-term survivors of childhood cancer. ASHG Annual Meeting. Los Angeles, CA. October 25-29, 2022. Oral presentation.

## B. Abstracts Accepted for Publication

1. Williams AM, Dong Q, Phillips N, Ehrhardt MJ, Srivastava DK, Salehabadi SM, Yasui Y, **Ness KK**, Hudson MM, Robison LL, Krull KR, Zhaoming W. Epigenetic age acceleration and neurocognitive function among long-term survivors of pediatric Hodgkin lymphoma: a report from the St. Jude Lifetime Cohort. Abstract # 902. ASH Annual Meeting. New Orleans, LA. December 10-13, 2022. Oral presentation. Accepted.
2. Horan M, Srivastava DK, Bhakta N, Ehrhardt MJ, Brinkman TM, Yasui Y, Krull KR, **Ness KK**, Hudson MM, Huang IC. Impact of chronic health condition burden on subsequent quality-of-life among adult survivors of childhood cancer. Faculty/Postdoctoral Poster Session. St. Jude Children's Research Hospital. Memphis, TN. November 17, 2022. Accepted.

## C. Abstracts Submitted for Review

1. Park Y, Wang M, Lan T, Williams AM, Ehrhardt MJ, Finch E, Lanctot JQ, Jiang S, Krull KR, Armstrong GT, Hudson MM, Colditz GA, Robison LL, **Ness KK**. Cancer survivor-specific dietary patterns and risk of premature aging in adult survivors of childhood cancer: St. Jude Lifetime (SJLIFE) Cohort. AACR Special Conference: Aging and Cancer. San Diego, CA. November 17-20, 2022. Role: Senior author. Submitted for review.
2. Cheng C, Qin N, Song N, Wang H, Armstrong GT, **Ness KK**, Hudson MM, Robison LL, Im C, Wang Z. Rare high-penetrance and common low-penetrance variants associated with risk of pediatric Acute Lymphoblastic leukemia. 12th AACR and Japanese Cancer Association (JCA) (AACR-JCA) Joint Conference: Breakthroughs in Cancer Research - Translating Knowledge Into Practice. December 10-14, 2022. Submitted for review.

## 19. Other Creative Products

### A. Podcasts

1. **Ness KK**. VO<sub>2</sub>peak in adult survivors of Hodgkin Lymphoma: Rate of Decline, Sex Differences, and Cardiovascular Events. June 15, 2021. <https://podcastaddict.com/episode/131477994>

### B. Blog Posts

1. **Ness KK**. Survivorship studies dig in on data. St. Jude Progress Blog. November 6, 2019. <https://blogs.stjude.org/progress/cancer-survivorship-studies-yield-data.html>

### C. Interviews

1. DiGiulio S. Why Childhood Cancer Survivors Are Living Longer, But Not Healthier, Lives: With **Kirsten Ness**, PT, PhD, of St. Jude's Department of Epidemiology and Cancer Control. Lippincott Nursing Center. 2017 Jan;39(2):42. [https://www.nursingcenter.com/journalarticle?Article\\_ID=3950235&Journal\\_ID=401957&Issue\\_ID=3950152](https://www.nursingcenter.com/journalarticle?Article_ID=3950235&Journal_ID=401957&Issue_ID=3950152)