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Washington, DC
City of Hope National Medical Center
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Cook Children's Hematology-Oncology Center
Fort Worth, TX
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Mattel Children's Hospital at UCLA
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Rochester, MN
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New York, NY
Miller Children's Hospital
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Dallas, TX
U.T.M.D. Anderson Cancer Center
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CCSS Annual Investigator Meeting
Arlington, VA
June 10 – 11, 2015

Childhood Cancer Survivor Study

*NCI-funded resource for
outcome and intervention research*

U24 CA55727

<http://ccss.stjude.org>

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2015 CCSS Investigator Meeting At-A-Glance

The Hilton Crystal City

Arlington, VA

<u>Day/Time</u>	<u>Meeting</u>	<u>Attendees</u>	<u>Room</u>
<i>Tuesday, June 9</i> 5:00 – 8:00pm	CCSS Executive Committee	Executive Committee	Roanoke Room
<i>Wednesday, June 10</i>			
8:00 – 10:00am	CCSS Executive Committee (continental breakfast 7–8am)	Executive Committee	Commonwealth Ballroom (Roanoke/Williamsburg)
10:00am – 1:00pm	CCSS Steering Committee and Principal Investigators (working lunch)	Steering Committee + Executive Committee + Institutional PI's	Commonwealth Ballroom (Roanoke/Williamsburg)
2:00 – 6:30pm	Plenary Session*	All Attendees	Virginia Ballroom (Adams/Madison)
7:00 – 8:00pm	Founders Reception	All Attendees	Crystal Ballroom
<i>Thursday, June 11</i>			
7:00 – 8:00am	Continental Breakfast	All Attendees	Crystal Ballroom
8:00am – 12:00pm	Plenary Session*	All Attendees	Virginia Ballroom (Adams/Madison)
12:00 – 2:00pm	Box Lunch Break-Out Sessions*	All Attendees	To be announced
2:00pm	Adjourn		

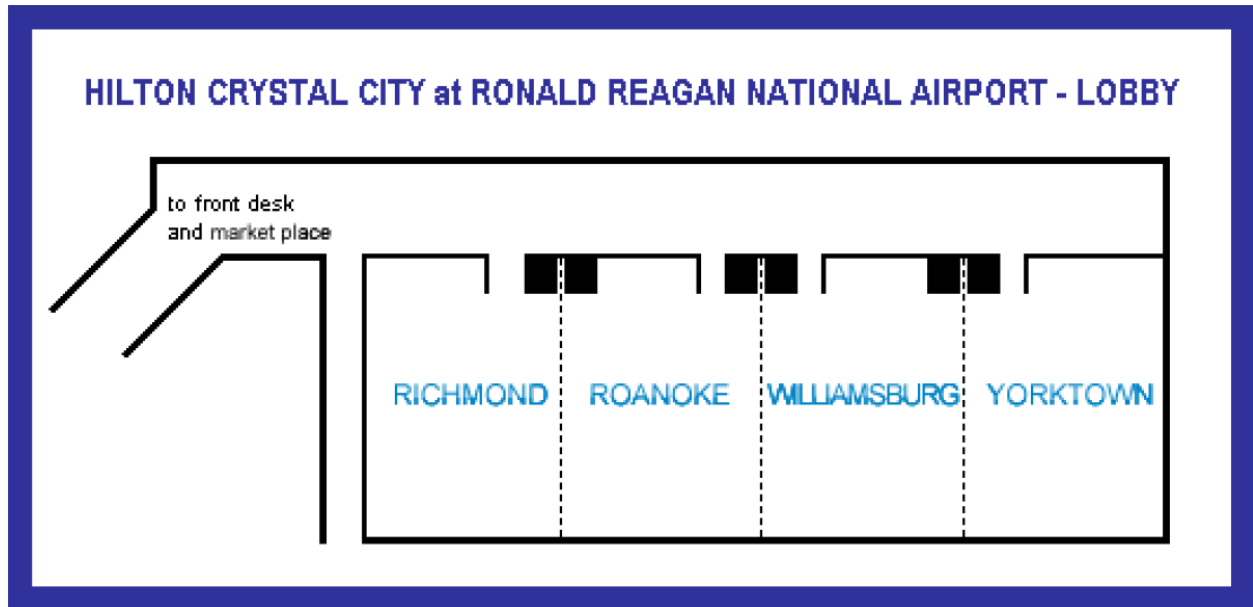
*See the Plenary Session Agenda on the following page for details

CCSS Investigator Meeting Plenary Session Agenda

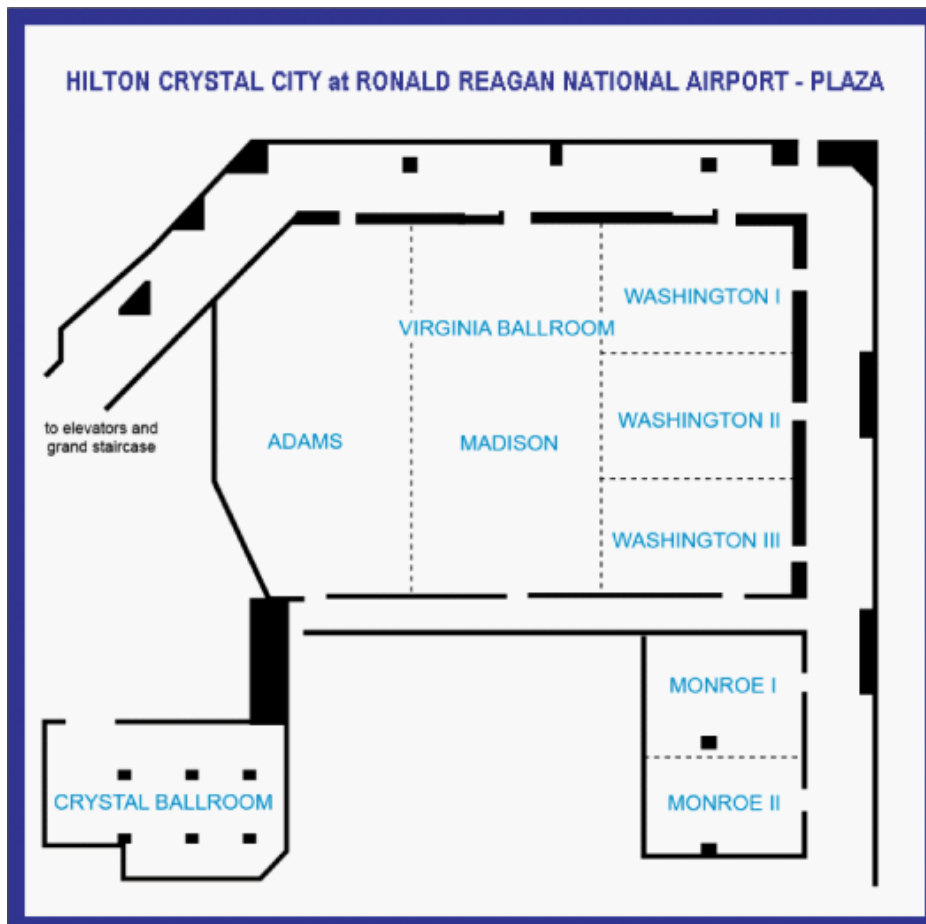
<u>Day/Time</u>	<u>Topic</u>	<u>Presenter</u>	<u>Room</u>
Wednesday, June 10			
2:00 – 3:40pm	<u>Update Reports</u> Principal Investigator Coordinating Center Data and Statistics Center Radiation Physics Center Biopathology Center Research and Publications Committee Education Committee	G. Armstrong T. Gibson W. Leisenring M. Stovall S. Hammond D. Green M. Hudson	Virginia Ballroom
3:40 – 4:00pm	Break		
4:00 – 6:30pm	<u>Research Presentations</u> Prevalence and Burden of Morbidity Prediction of Myocardial Infarction and Stroke Perceptions of the Affordable Care Act Subsequent Neoplasms Beyond Age 40 Breast Cancer After No Previous Chest RT Update on Genome-Wide Analysis	S. Phillips E. Chow E. Park/A. Kirchhoff L. Turcotte T. Henderson L. Morton	Virginia Ballroom
Thursday, June 11			
8:00 – 9:30am	<u>Ancillary Intervention Studies</u> ECHOS EQUAL <u>Career Development Award Recipients</u> Risk for Endocrine Disorders Epigenomic Profiling of Metabolic Outcomes	M. Hudson/C. Cox E. Tonorezos S. Mostoufi-Moab P. Lupo	Virginia Ballroom
9:30 – 10:20am	<u>Working Group Reports</u> Chronic Disease Cancer Control	K. Oeffinger P. Nathan	Virginia Ballroom
10:20 – 10:40am	Break		
10:40a – 12:00p	<u>Working Group Reports</u> Psychology Biostatistics/Epidemiology Genetics Second Neoplasms	K. Krull Y. Yasui S. Bhatia J. Neglia	Virginia Ballroom
12:00 – 2:00pm	<u>Working Group Breakout Sessions (Box Lunch)</u> Genetics (S. Bhatia) Chronic Disease (K. Oeffinger) Second Neoplasm (J. Neglia) Cancer Control (P. Nathan) Psychology (K. Krull) Biostat/Epidemiology (Y. Yasui)		To be announced

Conference Center Floor Plans

Lobby Level – Tuesday (6/9) evening; Wednesday (6/10) morning sessions



Plaza Level – Wednesday (6/10) and Thursday (6/11) Plenary Sessions



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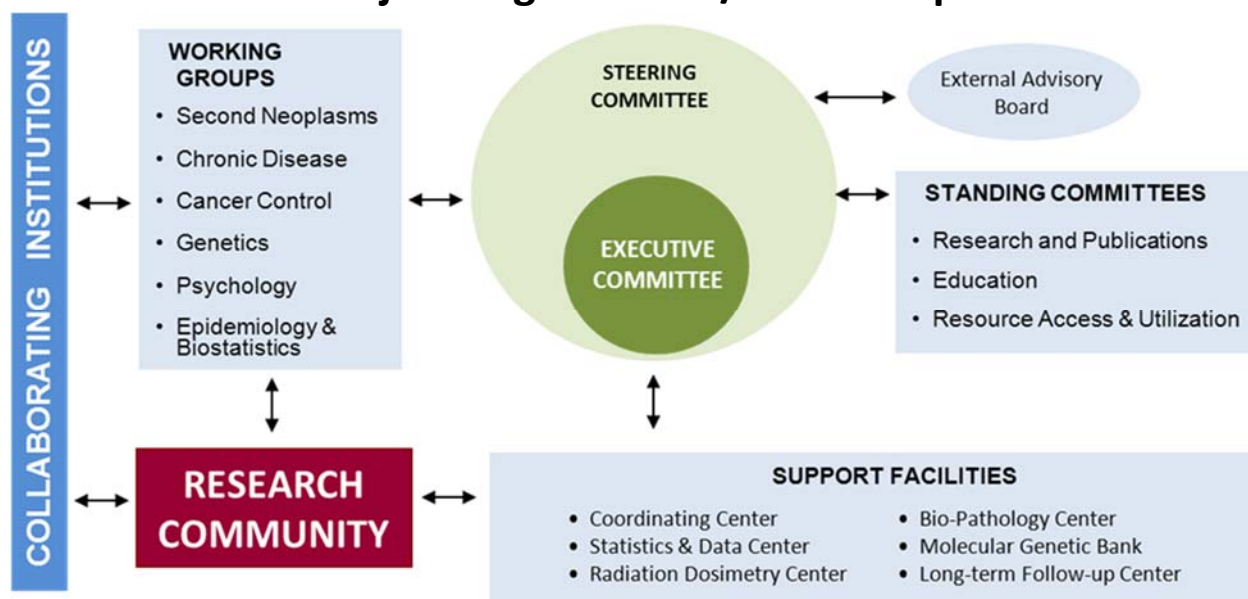
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Project Organization/Leadership



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<u>Standing Committee Chairs</u> Research and Publications Committee Education Committee Resource Access/Utilization Committee	Daniel Green, MD* Melissa Hudson, MD* Greg Armstrong, MD, MSCE*
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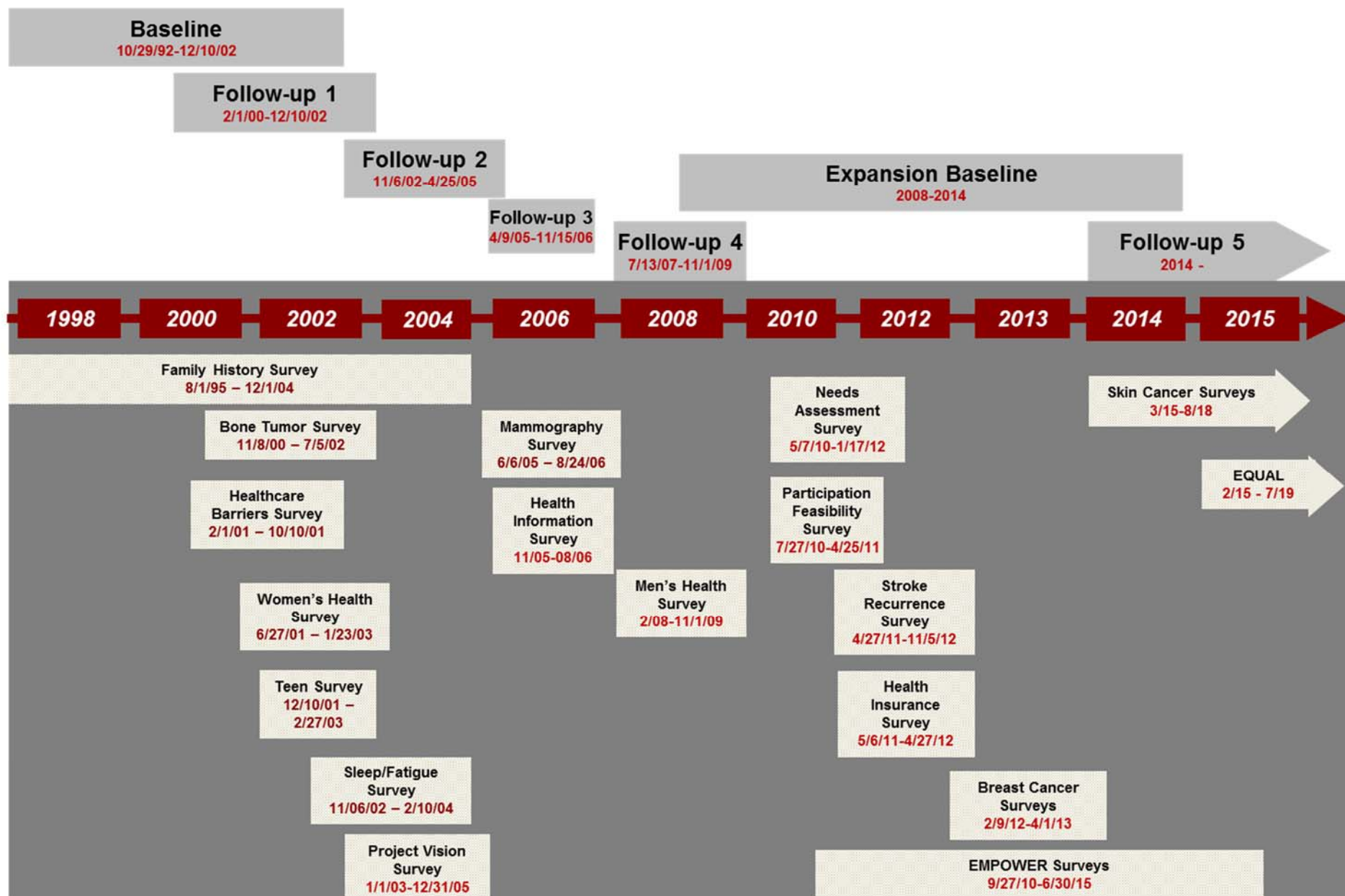
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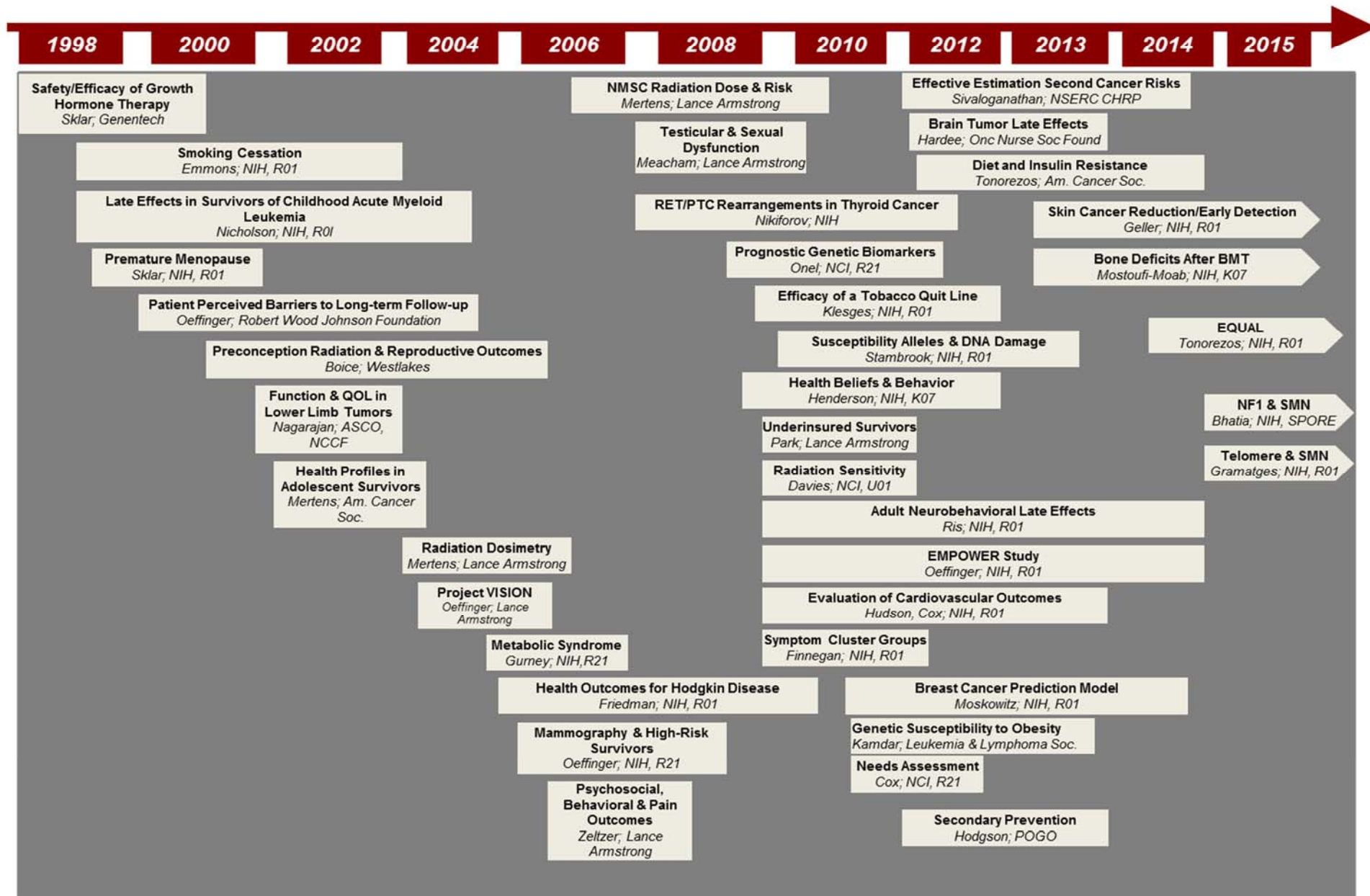
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Registered as of 5/11/2015

CCSS Cohort Surveys



CCSS Externally-Funded Ancillary Studies



Demographic and Cancer Treatment of Participants in the Expansion, Original and Overall Cohorts							
Characteristic		Expansion cohort ¹		Original cohort ²		Overall cohort ³	
		N	%	N	%	N	%
Total		10004	100.0	14364	100.0	24368	100.0
Sex	Male	5315	53.1	7717	53.7	13032	53.5
	Female	4689	46.9	6647	46.3	11336	46.5
Race	White	8034	80.3	12691	88.4	20725	85.1
	Black	868	8.7	713	5.0	1581	6.5
	Asian or Pacific Islander	204	2.0	167	1.2	371	1.5
	Other	711	7.1	663	4.6	1374	5.6
	Unknown	187	1.9	130	0.9	317	1.3
Hispanic	Yes	1064	10.6	742	5.2	1806	7.4
	No	8819	88.2	13066	91.0	21885	89.8
	Unknown	121	1.2	556	3.9	677	2.8
Diagnosis	Acute lymphoblastic leukemia	1819	18.2	4329	30.1	6148	25.2
	Acute myeloid leukemia	512	5.1	356	2.5	868	3.6
	Other leukemia	158	1.6	145	1.0	303	1.2
	Astrocytomas	1412	14.1	1182	8.2	2594	10.6
	Medulloblastoma, PNET	617	6.2	380	2.6	997	4.1
	Other CNS tumors	420	4.2	314	2.2	734	3.0
	Hodgkin lymphoma	1069	10.7	1927	13.4	2996	12.3
	Non-Hodgkin lymphoma	907	9.1	1082	7.5	1989	8.2
	Kidney tumors	903	9.0	1258	8.8	2161	8.9
	Neuroblastoma	898	9.0	955	6.6	1853	7.6
	Soft tissue sarcoma	460	4.6	1246	8.7	1706	7.0
	Ewing sarcoma	310	3.1	405	2.8	715	2.9
	Osteosarcoma	472	4.7	733	5.1	1205	4.9
	Other bone tumors	46	0.5	52	0.4	98	0.4
Age at diagnosis	<1	838	8.4	1004	7.0	1842	7.6
	1-3	2367	23.7	3639	25.3	6006	24.6
	4-7	2173	21.7	3238	22.5	5411	22.2
	8-10	1177	11.8	1575	11.0	2752	11.3
	11-14	1857	18.6	2417	16.8	4274	17.5
	15-20	1590	15.9	2491	17.3	4081	16.7
	Unknown	2	0.0	0	0.0	2	0.0
Status at 12/31/2007	Alive	9518	95.1	12323	85.8	21841	89.6
	Dead	480	4.8	2023	14.1	2503	10.3
	Unknown	6	0.1	18	0.1	24	0.1

(continued on next page)

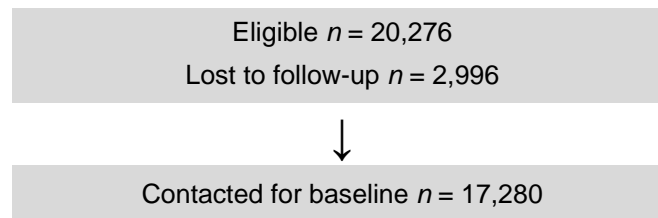
Characteristic		Expansion cohort ¹		Original cohort ²		Overall cohort ³	
Age at 12/31/2007	<20	4058	40.6	680	4.7	4738	19.4
	20-29	4581	45.8	3968	27.6	8549	35.1
	30-39	1343	13.4	5895	41.0	7238	29.7
	40-49	16	0.2	3338	23.2	3354	13.8
	50-59	0	0.0	465	3.2	465	1.9
	Unknown	6	0.1	18	0.1	24	0.1
Year of diagnosis	1970-79	0	0.0	6613	46.0	6613	27.1
	1980-89	2052	20.5	7751	54.0	9803	40.2
	1990-99	7950	79.5	0	0.0	7950	32.6
Medical records available	Yes	9747	97.4	12596	87.7	22343	91.7
	No	257	2.6	1768	12.3	2025	8.3
Treatment modality	Surgery only (S)	1135	11.3	909	6.3	2044	8.4
	Chemo only (C)	1407	14.1	816	5.7	2223	9.1
	Radiation only (R)	30	0.3	33	0.2	63	0.3
	C + R	610	6.1	1459	10.2	2069	8.5
	C + S	2896	28.9	2274	15.8	5170	21.2
	R + S	449	4.5	1480	10.3	1929	7.9
	C + R + S	3102	31.0	5554	38.7	8656	35.5
	No treatment	47	0.5	12	0.1	59	0.2
	Unknown treatment	328	3.3	1827	12.7	2155	8.8

¹ 15,247 survivors were eligible for the Expansion Cohort

² 20,690 eligible

³ 35,937 eligible

Original Cohort Participation Among Contacted Participants



Questionnaire	Number of Pages	Presumed Eligible	Participation Rate	Non-Response	Refused Questionnaire	Dropout of Study	Lost to Follow-Up
Baseline (1992 – 2002)	20	$n = 17,280^*$	83%	0%	17% [†]	0%	0%
Follow-Up 1 (2000 – 2002)	16	$n = 12,884$	81%	6%	2%	4%	7%
Follow-Up 2 (2002 – 2005)	24	$n = 11,859$	78%	8%	3%	5%	6%
Follow-Up 3 (2005 – 2006)	4	$n = 11,393$	78%	5%	1%	3%	13%
Follow-Up 4 (2007 – 2009)	28	$n = 10,143$ (9,769 sent)**	79%***	8.7%	2.4%	1.6%	5.1%

*Represents those who were successfully contacted at baseline

[†]Refusal of baseline = refusal to be part of the study

**374 eligible but contact information unknown (Follow-up 4 not sent)

***Follow-Up 4 participation rate was:

- 79% if “presumed eligible” is used as denominator, or
- 82% if “number sent” is used as denominator

Expansion Cohort: Recruitment Status by Institution

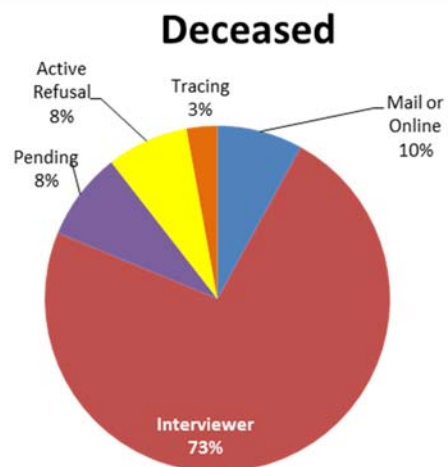
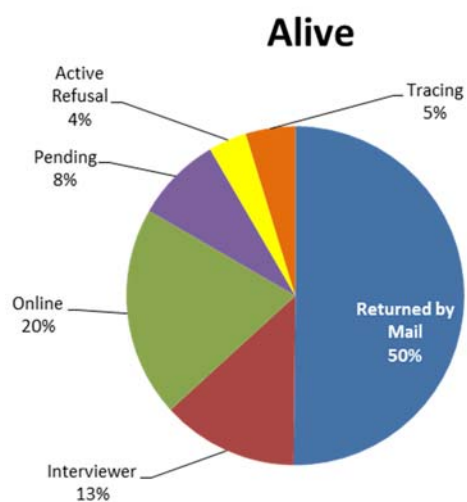
Name	Eligible	HIPAA Returned	HIPAA Returned (% Elig)	Baseline Completed	Baseline Completed (% HIPAA)	Baseline Completed (% Elig)
St. Jude Children's Research Hosp	2,089	1,908	91.3%	1,775	93.0%	85.0%
Children's Hospital Colorado	594	517	87.0%	452	87.4%	76.1%
University of Minnesota	277	229	82.7%	197	86.0%	71.1%
Minneapolis Children's Med Center	581	471	81.1%	388	82.4%	66.8%
UAB/Childrens Hospital of AL	364	294	80.8%	247	84.0%	67.9%
UT Southwestern Med Center	639	516	80.8%	393	76.2%	61.5%
Childrens Hospital at Stanford	371	301	81.1%	250	83.1%	67.4%
St. Louis Children's Hospital	418	339	81.1%	288	85.0%	68.9%
U of MI/Mott Children's	662	533	80.5%	455	85.4%	68.7%
Riley Hospital for Children/IU	834	670	80.3%	541	80.8%	64.9%
Emory University	715	578	80.8%	464	80.3%	64.9%
Nationwide Childrens Hospital	501	396	79.0%	342	86.4%	68.3%
U.T.M.D. Anderson CC	605	478	79.0%	374	78.2%	61.8%
Children's Hospital of Pitt	754	597	79.2%	501	83.9%	66.5%
Childrens Hospital of Phil	1,006	796	79.1%	665	83.5%	66.1%
Children's Hospital of LA	741	560	75.6%	432	77.1%	58.3%
City of Hope	128	97	75.8%	82	84.5%	64.1%
Seattle Children's Hospital	819	620	75.7%	494	79.7%	60.3%
Texas Children's Hospital	594	444	74.8%	367	82.7%	61.8%
Roswell Park Cancer Institute	239	173	72.4%	140	80.9%	58.6%
Memorial Sloan-Kettering CC	648	459	70.8%	389	84.8%	60.0%
Dana-Farber Cancer Institute	900	631	70.1%	466	73.9%	51.8%
UCLA Mattel Children's Hospital	67	47	70.2%	42	89.4%	62.7%
University of California at San Fran	392	273	69.6%	220	80.6%	56.1%
Children's National Medical Cntr	295	198	67.1%	167	84.3%	56.6%
Cook Children's Hospital	526	351	66.7%	252	71.8%	47.9%
Total	15,759	12,476	79.2%	10,383	83.2%	65.9%

Report date: 5/2015

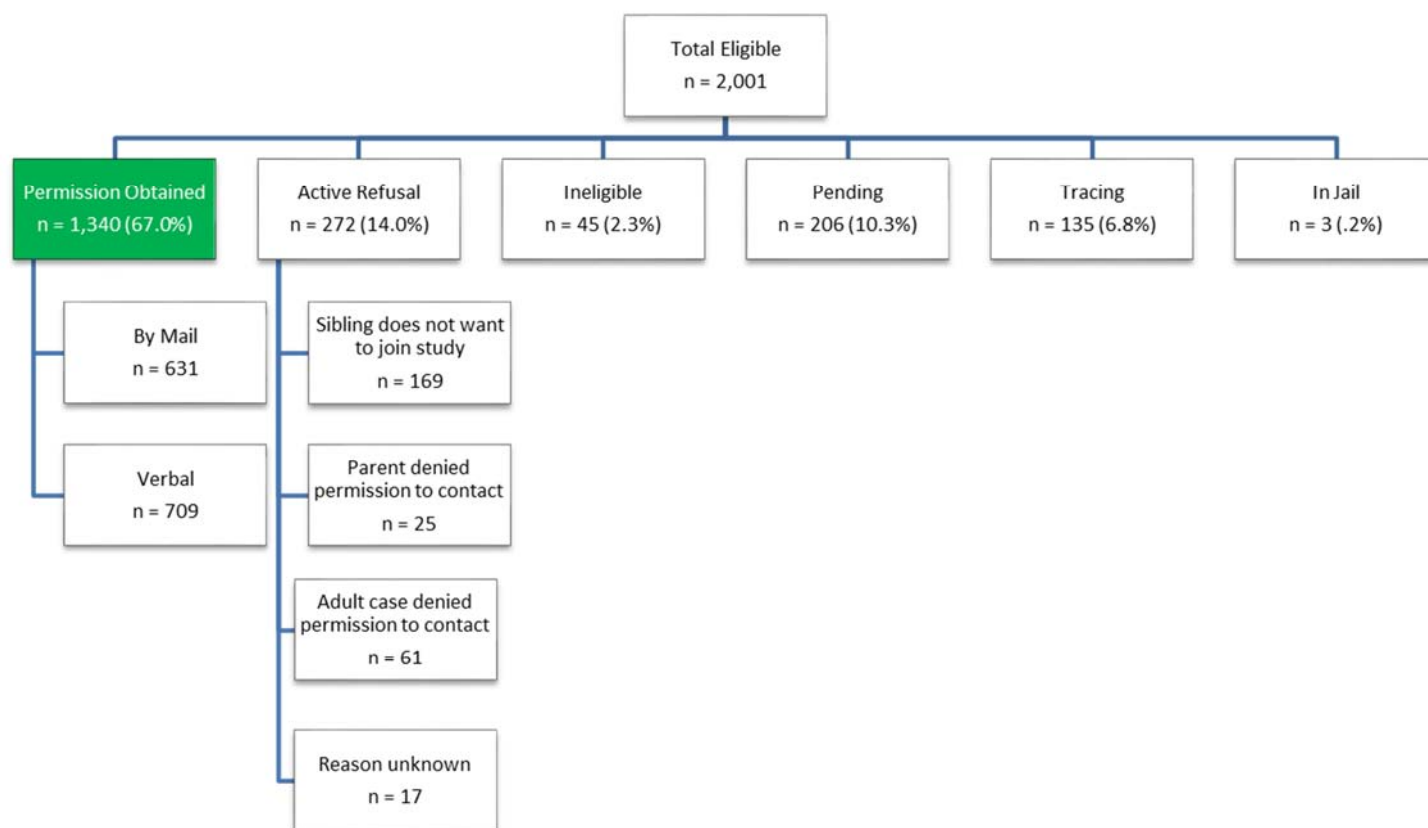
Expansion Baseline Survey - Survivors

	Survivors		
HIPAA's Received	12,476		
Questionnaires Sent	12,476		
Questionnaires Returned	10,383	83.2%	
Alive	<i>n</i>	<i>% of Sent</i>	<i>% of Completed</i>
Number Sent	11,640		
Number Completed	9,702	83.4%	
Returned by Mail	5,839	50.2%	60.2%
Completed by Interviewers	1,521	13.1%	15.7%
Completed Online	2,342	20.1%	24.1%
Pending Return	959	8.2%	
Active Refusal	427	3.7%	
In Tracing	552	4.7%	
Deceased	<i>n</i>	<i>% of Sent</i>	<i>% of Completed</i>
Number Eligible	836		
Completed	681	81.5%	
Completed by Interviewers	612	73.2%	89.9%
Returned by Mail or Online	69	8.3%	10.1%
Pending Return	67	8.0%	
Active Refusal	64	7.7%	
In Tracing	24	2.9%	

Survey Period: 5/08 – Present



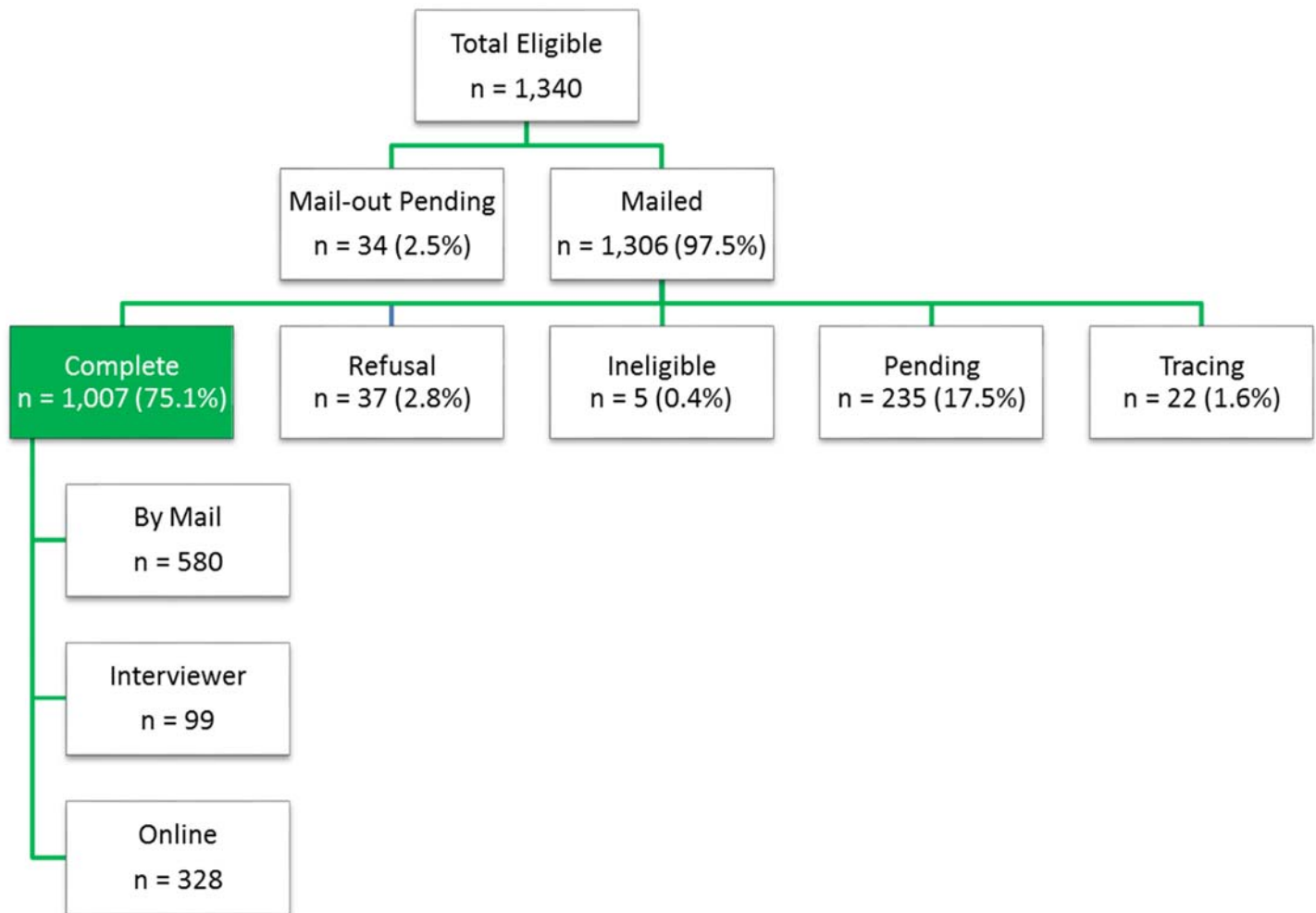
Expansion Sibling Recruitment Permission Status



Permission Mailings:

3/28/13:	52
5/10/13 thru 5/31/13:	1,322
6/1/13 thru 6/30/13:	421
7/1/13 thru 7/31/13:	24
8/1/13 thru 8/14/13:	13
9/5/13 thru 9/11/13:	897 (Mass Resend)
1/17/14 thru 1/25/14	498 (Mass Resend)
5/5/14 thru 5/9/14	334 (Mass Resend)

Expansion Sibling Baseline Survey Status

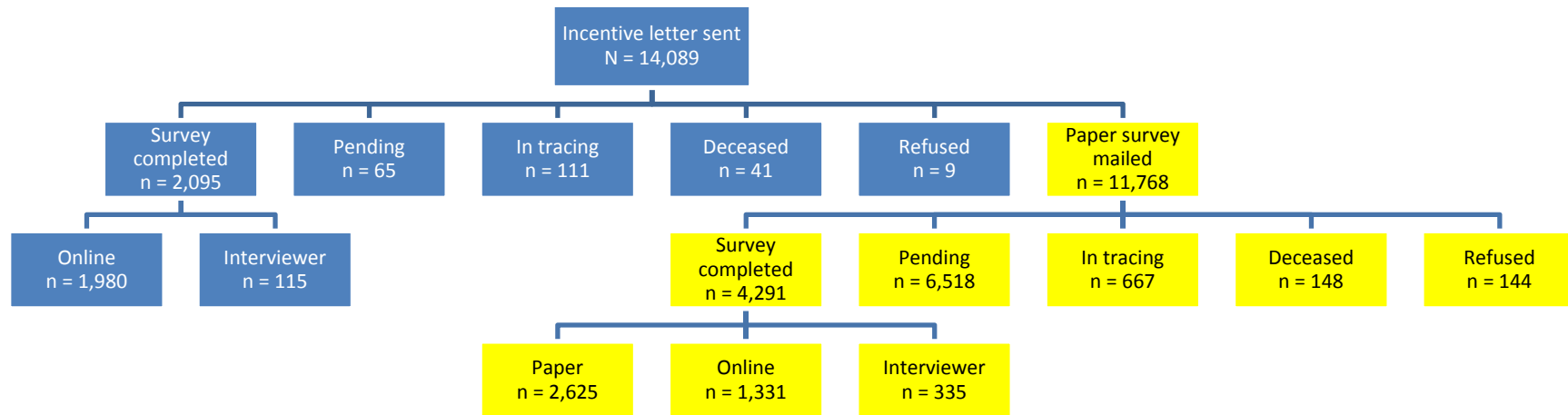


Report date: 5/2015

High Priority Expansion Studies						
Date AOI Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CANCER CONTROL						
05.21.13	Health status among adult survivors of childhood cancer by treatment era	Ness/SJCRH		05.30.13	Approved	Approved
05.21.13	The impact of chronic disease on health care utilization in the CCSS cohort	Nathan/Sick Kids		05.30.13	Approved	Approved
CHRONIC DISEASE						
05.31.13	Changes in Long-Term Outcomes in Hodgkin Lymphoma Survivors with Contemporary Risk-Adapted Therapy	Oeffinger/MSKCC	Epi/Biostats SMN Cancer Control	07.23.13	Approved	Approved
09.27.13	Fertility following Contemporary Chemotherapy	Chow/ Univ. of Washington		10.14.13	Approved	Approved
EPIDEMIOLOGY / BIOSTATISTICS						
01.20.14	Late Mortality by Treatment Era	Armstrong/SJCRH		02.11.14	Approved	Approved
04.02.14	Differences in participant characteristics and changes in treatment characteristics from the original to the expanded cohorts	Mertens/Emory		04.23.14	Approved	Approved
01.14.14	Association between key therapeutic exposures and outcomes - gaps in knowledge	Bhatia/City of Hope	SMN/Chronic Disease	02.11.14	Approved	Pending
01.14.14	Risk of Cardiovascular disease and Second Malignancies attributable to therapeutic exposures by Treatment Era	Bhatia/City of Hope	SMN/Chronic Disease	02.11.14	Approved	Pending
PSYCHOLOGY						
05.01.13	Social and behavioral phenotypes of adolescent survivors of childhood cancer	Brinkman/SCJRH		05.30.13	Approved	Approved
05.08.13	Exploring latent clusters of survivors using the BSI-18	D'Agostino/Princess Margaret Cancer Centre		05.30.13	Approved	Approved
01.20.14	Cognitive, behavioral and learning problems in survivors of childhood ALL	Jacola/SJCRH		02.11.14	Approved	Approved

High Priority Expansion Studies						
Date AOI Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
SECOND MALIGNANT NEOPLASMS						
01.16.14	Changing Patterns of Second Neoplasms in Childhood Cancer Survivors: Comparison of Survivor Cohorts	Turcotte/University of Minnesota	Epi/Biostats	02.11.14	Approved	Approved
01.30.14	Breast Cancer in the Modern Treatment Era	Henderson/Univ. of Chicago		02.11.14	Approved	Pending

Follow-Up 5 Survey Status - Survivors



Summary Numbers

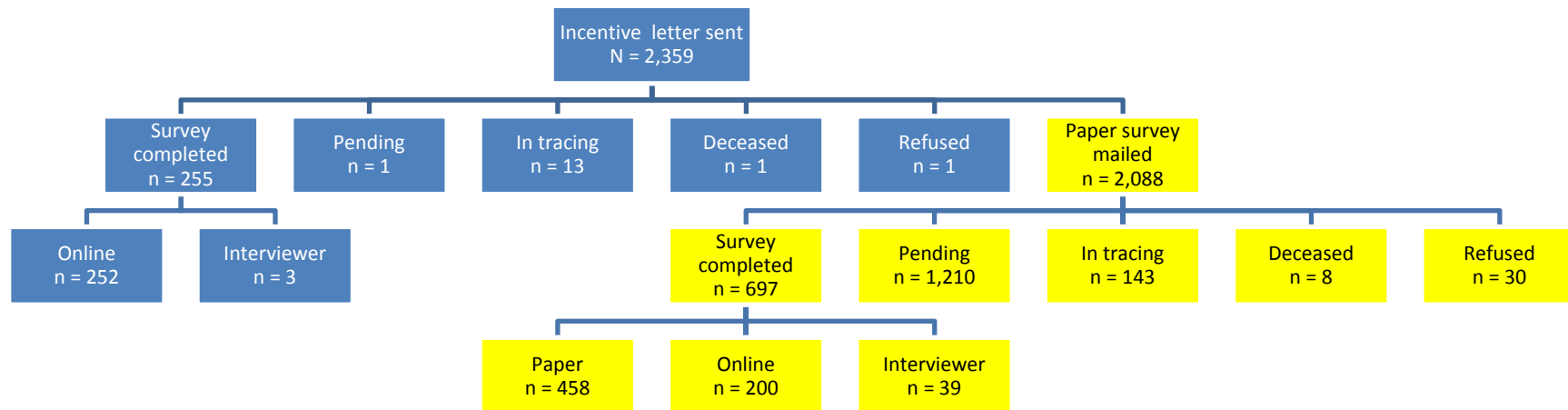
- Total completed surveys: 6,386/13,900* = 46% (*excludes participants who are now deceased)
- Total refusals: 153
 - Of these, 106 have refused further participation in CCSS
- Total in tracing: 778
- Total deceased: 189

Mailing Dates

- First iPad letter mailing date: 6/25/14
- First paper survey mailing date: 7/18/14

- Blue = Letter sent offering iPad incentive (drawing) for completion of survey online or with an interviewer prior to paper survey being mailed. One iPad per month is given away.
- Yellow = Paper survey mailed to non-responders 3-weeks after initial incentive letter. No iPad incentive offered.

Follow-Up 5 Survey Status - Siblings



Summary Numbers

- Total completed surveys: $952/2,350^* = 41\%$ (*excludes participants who are now deceased)
- Total refusals: 31
 - Of these, 23 have refused further participation in CCSS
- Total in tracing: 156
- Total deceased: 9

Mailing Dates

- First iPad letter mailing date: 11/18/2014
- First paper survey mailing date: 12/12/2014

 Blue = Letter sent offering iPad incentive (drawing) for completion of survey online or with an interviewer prior to paper survey being mailed. One iPad per month is given away.

 Yellow = Paper survey mailed to non-responders 3-weeks after initial incentive letter. No iPad incentive offered.

Oragene DNA Kit Summary: Original and Expanded Cohorts

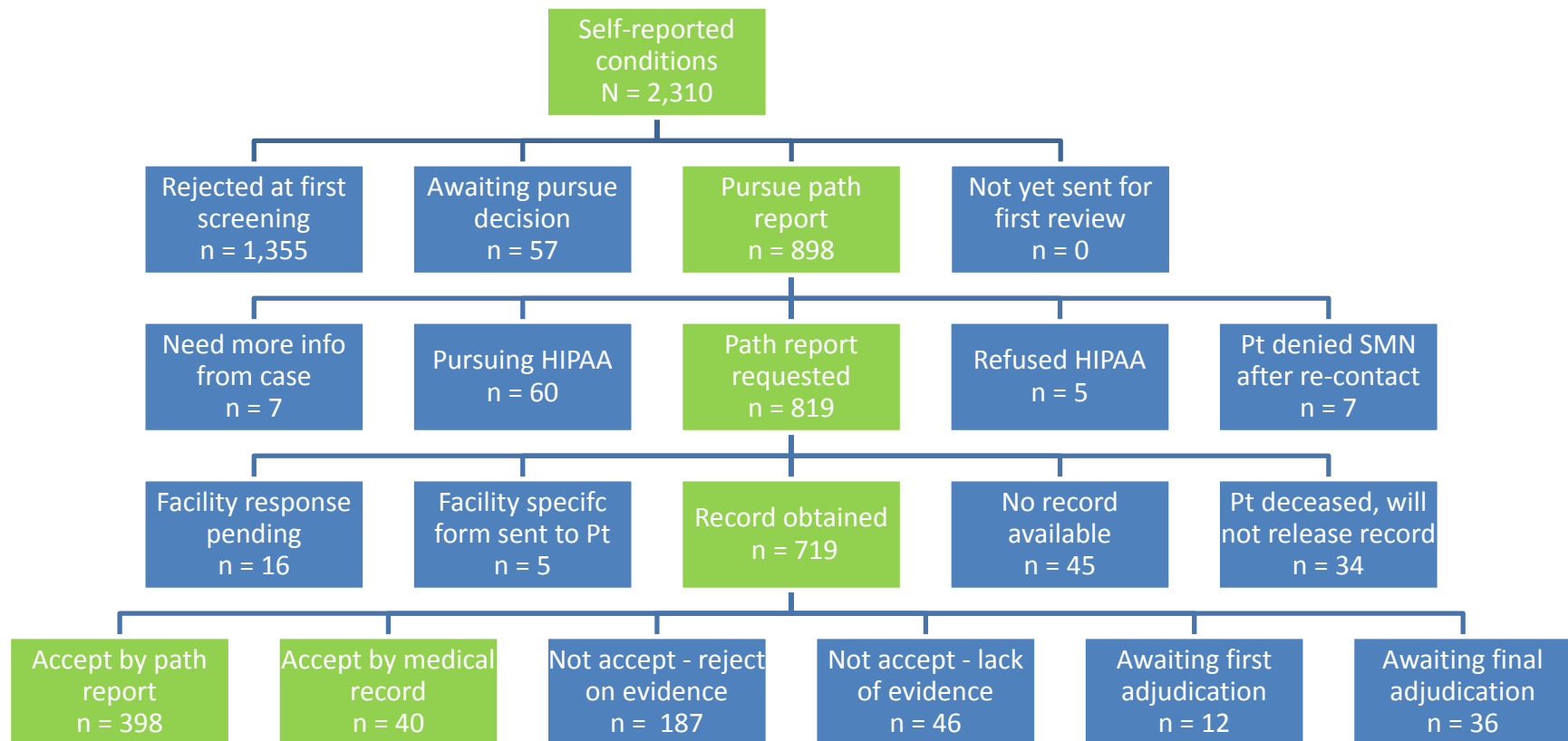
Kits Sent	Original Cohort Cases (n = 8,447)		Original Cohort Siblings (n = 2,710)	
	<i>n</i>	<i>% of Sent</i>	<i>n</i>	<i>% of Sent</i>
Returned	4,550	53.9%	1,014	37.4%
Refused	776	9.2%	173	6.4%
Pending	2,179	25.8%	1,061	39.2%
In Tracing	789	9.3%	454	16.8%
Deceased	153	1.8%	8	0.3%

Kits Sent	Expanded Cohort Cases (n = 1,998)	
	<i>n</i>	<i>% of Sent</i>
Returned	1,363	68.2%
Refused	91	4.6%
Pending	439	22.0%
In Tracing	101	5.1%
Deceased	4	0.2%

*Oragene kits have not yet been mailed to expanded cohort siblings

Report date: 5/2015

Expansion Cohort Subsequent Neoplasm Confirmation – Baseline Survey



Report Date: 5/2015

Subsequent Neoplasms by Primary Cancer Diagnosis – Expansion Cohort

Subsequent Neoplasm*	Primary Cancer Diagnosis								Total
	Leukemia	CNS	HD	NHL	Kidney	Neuro-blastoma	Soft tissue sarcoma	Bone cancer	
Breast	1	2	33	2	–	–	–	7	45
Meningioma	6	16	1	–	–	3	1	–	27
Other CNS	14	19	0	2	–	–	2	1	38
Thyroid	11	12	18	3	2	5	1	4	56
Soft tissue sarcoma	1	15	4	5	2	4	4	3	38
Leukemia	10	2	2	2	–	1	1	3	21
Bone	2	–	3	–	–	2	1	1	9
Melanoma	1	3	1	3	–	–	–	4	12
Lymphoma	1	1	3	3	1	1	–	2	12
Renal carcinoma	2	1	1	1	–	2	1	–	8
Other carcinoma	7	6	7	2	1	–	–	7	30
NMSC	42	22	19	2	1	9	–	6	101
All others	4	12	4	2	2	5	3	4	36
Total	102	111	96	27	9	32	14	42	433

*Includes in-situ breast cancer and non-invasive melanoma

Report Date: 5/2015

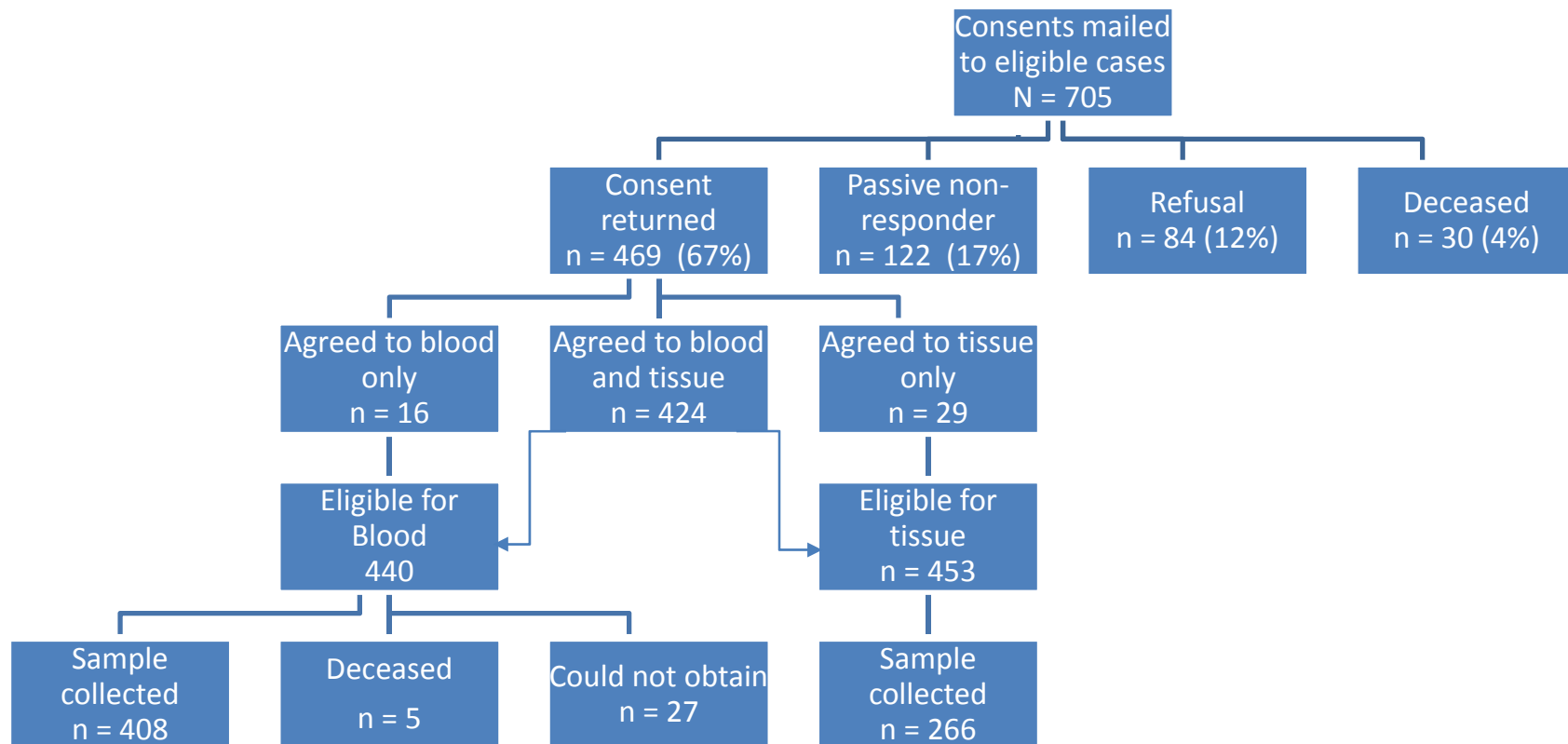
Subsequent Neoplasms by Primary Cancer Diagnosis – Overall Cohort

Primary Cancer Diagnosis									
Subsequent Neoplasm*	Leukemia	CNS	HD	NHL	Kidney	Neuro-blastoma	Soft tissue sarcoma	Bone cancer	Total
Breast	30	7	249	15	11	3	18	46	379
Meningioma	113	93	4	8	–	3	7	2	230
Other CNS	59	45	9	7	1	2	7	3	133
Thyroid	46	29	69	14	5	15	10	17	205
Soft tissue sarcoma	17	29	30	9	11	12	26	11	145
Leukemia	23	5	20	7	2	6	5	10	78
Bone	7	5	9	6	6	2	14	11	60
Melanoma	12	10	14	4	2	–	10	14	66
Lymphoma	11	5	23	7	1	3	4	3	57
Renal carcinoma	5	3	5	4	1	11	3	3	35
Other carcinoma	38	17	42	15	8	5	21	20	166
NMSC	416	148	562	83	31	17	40	45	1342
All others	24	22	46	11	5	9	13	18	148
Total	801	418	1082	190	84	88	178	203	3044

*Includes in-situ breast cancer and non-invasive melanoma

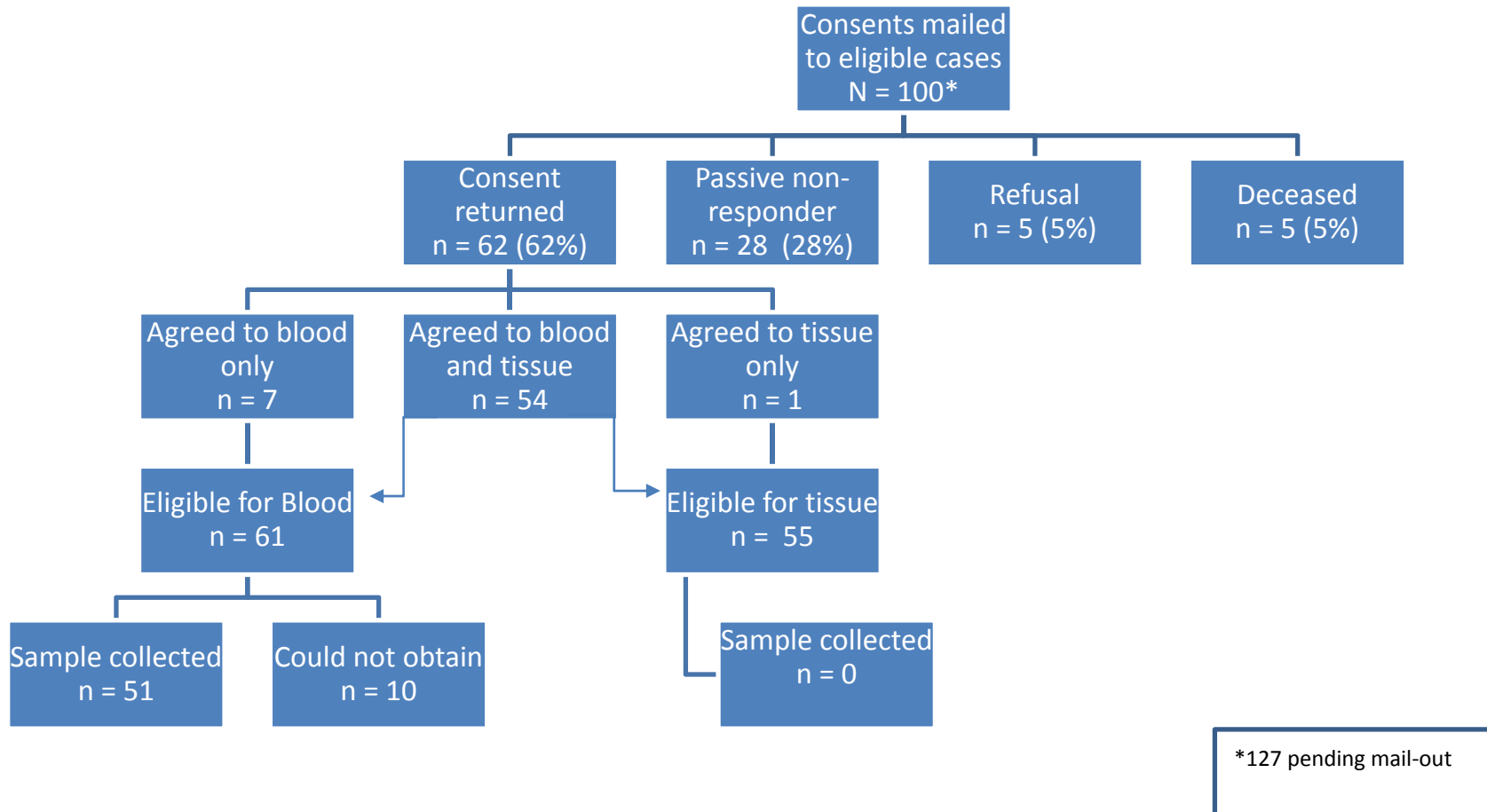
Report Date: 5/2015

Blood and Tissue Collection for Cases with a Confirmed SMN - Original Cohort



Report date: 5/2015

Blood and Tissue Collection for Cases with a SMN – Expansion Cohort



Report Date: 5/2015

Distribution of Biologic Material Available for Invasive SMN Cases

SMN	Total cases reported	Total with path reports	# with host tissue			Host tissue (any kind) and MRAF data	Total with MRAF data	Total with SMN tissue	Number of Cases with Tissue Type			
			Buccal cells	Oragene	Blood				H&E Slides	Unstained Slides	Scrolls	Blocks
Breast	275	253	136	114	113	167	242	67	43	55	39	15
Meningioma*	230	204	121	106	99	138	184	38	11	36	13	14
Other CNS	123	96	26	17	16	29	87	17	7	16	4	0
Thyroid	203	192	79	71	74	107	145	42	25	38	25	7
Sarcoma	103	96	31	22	24	38	77	13	6	13	7	3
Leukemia	73	49	14	10	9	15	45	7	3	6	3	0
Bone	60	49	13	9	10	15	42	5	3	4	2	0
Melanoma	56	49	21	17	21	28	44	8	3	8	3	0
Lymphoma	57	49	19	18	19	26	41	7	3	5	4	1
Renal Cell	34	33	15	16	11	17	25	0	0	0	0	0
Other Carcinoma	137	129	49	34	39	59	112	26	16	25	12	4
NMSC*	1342	1209	795	684	295	878	1174	2	2	1	1	0
All Other	123	55	32	11	11	30	85	3	0	3	1	0
TOTALS	2,816	2,463	1,351	1,129	741	1,547	2,303	235	122	210	114	44

*includes all invasive and non-invasive cases.

Report Date: 5/2015

RT Data/Analyses Summary as of May 2015

Study (Proposal #)	Study PI	Number exposed to RT or in study	Dosimetry required	Dosimetry status
Case control studies				
CNS SMNs	<i>Neglia</i>	452	Dose to specific tumor locations	Complete Sept 2003
Thyroid SMNs	<i>Sigurdson</i>	293	Dose to thyroid and pituitary.	Complete Mar 2003
Breast SMNs	<i>Inskip</i>	463	Dose to specific breast locations	Complete Jul 2005
Pregnancy Outcomes	<i>Boice</i>	2100	Dose to gonads, uterus, pituitary	Complete Jul 2004
Bone/ Soft Tissue SMNs	<i>Henderson</i>	438	Dose to specific tumor locations	Complete Apr 2007
Non-melanoma Skin Ca	<i>Mertens</i>	612	Dose to specific tumor locations	Complete Apr 2010
Renal carcinoma	<i>Wilson / Ness</i>	~8500	Average kidney doses (left and right reported separately)	Complete Aug 2011
Breast SMNs/original cohort - more cases	<i>Inskip</i>	167 cases 717 controls	Dose to specific breast locations	In progress
Cohort studies				
Thyroid Function	<i>Sklar</i>	1415	Dose to thyroid	Complete Mar 1999
Obesity	<i>Oeffinger</i>	3931	Brain dose in 500 cGy categories	Complete Nov 2000
CNS Non-Neurological Outcomes	<i>Gurney</i>	1219	Dose categories for brain, spine, thyroid, ovaries	Complete Oct 2001
CNS Neurological Outcomes	<i>Packer</i>	1219	Dose to 4 regions of brain	Complete Oct 2001
CNS Psychological	<i>Zebrack & Turk</i>	1219	Dose to 4 regions of the brain	Complete Aug 2002
Pregnancy Outcomes	<i>Green</i>	1327	Pituitary dose categories: females	Complete Sept 2002
Growth Hormone	<i>Sklar</i>	176	Dose for pituitary and direct spine	Complete Sept 2002
Premature Menopause	<i>Sklar</i>	1565	Pituitary, uterus and ovaries.	Complete Mar 2003
Stroke	<i>Oeffinger</i>	8583	Dose to 4 brain regions	Complete Dec 2003
Low birth weight and premature births	<i>Boice</i>	728	Proximity of gonads to treatment field	Complete Jun 2004
Ovarian Failure	<i>Sklar</i>	203	Dose to ovaries, uterus & pituitary	Complete Aug 2004
Wilms	<i>Breslow</i>	678	Dose to chest, abdomen, pelvis	Complete Jan 2004
Growth hormone use and meningiomas	<i>Sklar</i>	~8500	Maximum dose to any part of the brain	Complete Jul 2005
Pulmonary Function	<i>Mertens</i>	~8500	First-pass regions treated	Complete 2005

Study (Proposal #)	Study PI	Number exposed to RT or in study	Dosimetry required	Dosimetry status
Osteoporosis and avascular necrosis	<i>Kadan-Lottick</i>	~8500	Dose to gonads and pituitary and maximum brain dose	Complete Dec 2005
Fertility among survivors	<i>Green</i>	5624	Dose to gonads and pituitary	Complete Oct 2005, Jan 2006, Sept 2007
Bone Marrow Transplant	<i>Baker/ Chow</i>	379	Dose to cranium	Complete Mar 2006
Dental Outcomes	<i>Kaste</i>	5632	Total average dose to the teeth	Complete Nov 2006
Thyroid exposure /ALL patients	<i>Chow</i>	2389	Dose to thyroid and pituitary	Complete Feb 2007
Stillbirth and neonatal death	<i>Boice / Signorello</i>	2805	Dose to ovaries, uterus, testes, pituitary	Complete Jun 2006
Menarche timing	<i>Armstrong</i>	299	Dose to ovaries and pituitary	Complete Feb 2007
Hodgkin Disease Outcomes	<i>Castellino</i>	1551	Dose range to body regions	Complete Jun 2007
Carotid Artery Dose	<i>Ness/Gurney</i>	50	Dose to the carotid artery	Complete Jul 2007
Thyroid exposure /entire cohort	<i>Bhatti / Sigurdson</i>	8494	Dose to thyroid	Complete Nov 2007
BRIEF neuro-psych outcomes	<i>Ness</i>	~8500	Dose to 4 brain regions	Complete Nov 2007
Cardiac outcomes	<i>Mulrooney</i>	~8500	Average dose to heart	Complete Feb 2008
Cataract cohort	<i>Chodick / Inskip</i>	~8500	Dose to lens	Complete Feb 2008
Visual complications	<i>Mertens / Whelan</i>	~8500	Dose to eye and brain	Complete Feb 2008
Breast screening	<i>Oeffinger</i>	3913	Yes/No and body region treated	Complete Feb 2008
Pain	<i>Ness</i>	~8300	Body sites, dose to 4 brain regions	Complete Apr 2008
Salivary gland tumors	<i>Inskip</i>	~8500	Dose to salivary glands or sites of treatment	Complete May 2008
Psychosexual outcomes/ females	<i>Sklar</i>	1412	Dose to ovaries and pituitary	Complete Feb 2009
Wilms Tumor long term follow-up	<i>Termuhlen</i>	717	Dose to heart and kidneys	Complete Oct 2009
TBI/BMT Leukemia Cohort	<i>Baker and Chow</i>	2722	Dose to thyroid, gonads, brain, spine	Complete Jan 2010
Obesity	<i>Green</i>	5632	Pituitary	Complete Jan 2010
Fertility	<i>Green</i>	4023	Ovaries and pituitary	Complete Jan 2010

Study (Proposal #)	Study PI	Number exposed to RT or in study	Dosimetry required	Dosimetry status
GI second cancers	<i>Henderson</i>	46	SMN site in/near/out treatment field	Complete Jan 2010
ECHOS	<i>Cox / Hudson</i>	883	Treatment dose and body region	Complete Jun 2010
Pregnancies during treatment	<i>Mulvihill</i>	16	Therapy records	Complete Sept 2010
GU complications	<i>Shnorhavorian / Sklar</i>	8507	Dose to kidneys, ureters, bladder	Complete Dec 2010
Stroke – first and recurrent	<i>Fullerton / Mueller</i>	8633	Maximum dose to brain – existing dosimetry CNS, HD, Leukemia	Complete Dec 2010
Functional Outcomes	<i>Ness / Marina</i>	1094	Maximum dose to limb, pelvis, chest	Complete Feb 2011
Pulmonary complications	<i>Huang</i>	1876	Average dose to heart and lungs for CNS patients	Complete Apr 2011
Cranial Radiation	<i>Brinkman</i>	6875	Maximum TD by brain region	Complete May 2011
Oocyte radiosensitivity	<i>Hamish</i>	4324	Dose to ovaries	Complete Mar 2011
CNS Longitudinal Patterns of Late Effects	<i>Hardie</i>	923	Maximum TD by brain region	Complete Oct 2011
Longitudinal Changes in Health Status	<i>Hudson / Oeffinger</i>	8507	Used existing maximum TD by region	Complete Feb 2011
Male Infertility	<i>Seidel</i>	7717	Dose to testes and pituitary	Complete Mar 2011
Obesity among ALL survivors	<i>Kamdar</i>	1215	Maximum TD to spine and brain regions	Complete Nov 2011
Cardiac Outcomes – Risk model	<i>Chow</i>	8507	Maximum TD to chest and abdomen, heart average	Complete Jan 2012
BCC SMN – Genetic Risk	<i>Davies</i>	1282	Maximum TD by body region and brain region	Complete Nov 2012
NCI-GWA SMN risk	<i>Morton</i>	8507	Maximum TD by body region and brain region + specific organs and ABM for GWAS group	Complete - Body region dosimetry Dec 2013, other organs Dec 2014, ABM for GWAS subgroup Feb 2014
NCI-GWA – methods (13-16)	<i>Morton</i>	8507	Comparison of radiation dose reconstruction methods for SMN studies	Complete - Body region dosimetry Dec 2013, other organs Dec 2014

Study (Proposal #)	Study PI	Number exposed to RT or in study	Dosimetry required	Dosimetry status
Lifestyle factors and pregnancy outcomes	<i>Gawade</i>	3567	Females. Ovary, uterus and pituitary dose previous run.	Complete Oct 2012
HL-Health Status	<i>Effinger</i>	1675	Maximum TD by body region-update	Complete Nov2012
Ewings – Longitudinal (12-09)	<i>Neyssa Marina</i>	575	Maximum TD by body region	Complete Jul 2013
Exercise	<i>Lee Jones</i>	14370	Maximum TD by body region	Complete Aug 2013
Intestinal obstruction (13-07)	<i>Arin Mandenci</i>	14370	Maximum TD by body region	Complete Aug 2013
STS chronic disease (13-04)	<i>Emily Mueller</i>	1726	Maximum TD by body region	Complete Oct 2013
Pulmonary (13-11)	<i>Andrew Dietz</i>	12846	Maximum TD by body region +lung dose	Complete Mar 2014
Testicular SMN	<i>Oeffinger</i>	14370	Maximum TD by body region + testes dose and testes proximity to nearest treatment field	Complete Dec 2013
Disease Burden (14-03)	<i>Jennifer Yeh</i>	14364	Maximum TD by body region +heart dose	Complete Mar 2014
Alcohol consumption (13-20)	<i>Tara Brinkman</i>	3806	Maximum TD to brain segments + TBI	Complete Apr 2014
Cost Effectiveness of COG LTFU screening guidelines for breast (12-14)	<i>Lennie Wong</i>	6645 (females)	Maximum TD to the chest, pelvis, TBI dose, Mantle Y/N, typical breast quadrant for patients with mantle treatments	Complete Aug 2014
Endocrine (14-02)	<i>Sogol Mostoufi-Moab</i>	14290	Maximum TD to body regions + thyroid, pituitary and gonads	Complete Sept 2014
Mortality update	<i>Armstrong</i>	Expanded cohort	Maximum TD by body region + cranial/spinal summary	Updated Mar 2015
Cardiac outcomes update		Expanded cohort	Dose to heart	In progress
Diabetes (15-08)	<i>Denielle Freidman</i>	Complete cohort	Dose to pancreas	In progress
Esophageal Disease (15-02)	<i>Asdahl</i>	Original cohort	Dose to esophagus or chest maximum TD, thyroid & heart?	In progress
Male Health (15-05)	<i>Lillian Meacham</i>	Original cohort	Dose to testes & hypothalamus/pituitary	In progress
Changes in HL outcomes (15-07)8	<i>Oeffinger</i>	Complete cohort	Treatment summaries with treatment field types and doses	In progress

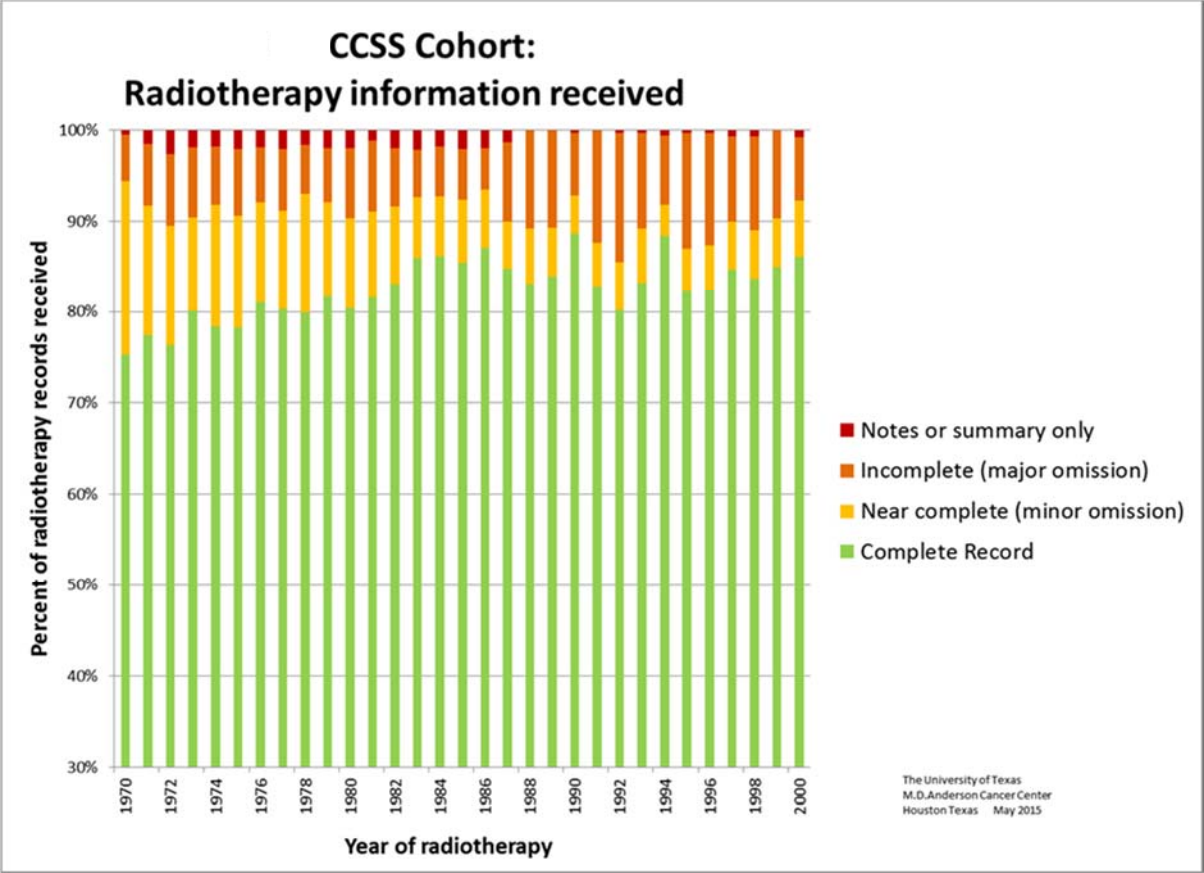
Radiation Therapy Record Status as of May 2015: Original (diagnosed 1970-1986) & Expanded (diagnosed 1987-1999) Cohorts*

INSTITUTION (#)	Records received		Records processed ¹		Dosimetry status ²	
	Cohort: Original	Expanded	Original	Expanded	Original	Expanded
Children's Hospital at Stanford University (04)	386	144	386	143	Complete	Ongoing
Nationwide Children's Hospital (16)	391	174	391	172	Complete	Ongoing
Children's Hospital of Los Angeles (22)	279	172	279	171	Complete	Ongoing
Children's Hospital of Philadelphia (20)	493	356	493	354	Complete	Ongoing
Children's Hospital of Pittsburgh (03)	387	253	387	252	Complete	Ongoing
Children's National Medical Center (07)	113	9	113	9	Complete	Ongoing
City of Hope (29)	-	55	-	55	-	Ongoing
Dana-Farber Cancer Institute (05)	427	240	427	236	Complete	Ongoing
Emory University (06)	68	226	68	225	Complete	Ongoing
Mayo Clinic	299	-	299	-	Complete	Ongoing
Memorial Sloan-Kettering Cancer Center (09)	377	216	377	216	Complete	Ongoing
Minneapolis Children's Medical Center (19)	145	183	145	181	Complete	Ongoing
Riley Hospital for Children, IN University (24)	209	191	209	188	Complete	Ongoing
Roswell Park Cancer Institute (17)	221	99	221	99	Complete	Ongoing
Seattle Children's Hospital (12)	274	271	274	269	Complete	Ongoing
St. Jude Children's Research Hospital (15)	977	941	977	689	Complete	Ongoing
St. Louis Children's Hospital (21)	228	132	228	132	Complete	Ongoing
Texas Children's (Baylor) (28)	220	107	220	103	Complete	Ongoing
Children's Hospital Colorado (02)	377	181	377	180	Complete	Ongoing
Toronto Hospital for Sick Children	697	-	697	-	Complete	-
U.T.M.D. Anderson Cancer Center (08)	408	185	408	184	Complete	Ongoing
UAB/The Children's Hospital of Alabama (25)	97	91	97	90	Complete	Ongoing
UCLA Mattel Children's Hospital (23)	250	21	250	21	Complete	Ongoing
University of California at San Francisco (11)	236	98	236	97	Complete	Ongoing
University of Michigan - Mott Children's Hospital (26)	431	213	431	212	Complete	Ongoing
University of Minnesota (01)	370	84	370	84	Complete	Ongoing
UT - Southwestern Medical Center (27)	147	175	147	175	Complete	Ongoing
Cook Children's Medical Center (33)	-	94	-	91	-	Ongoing
Total by cohort	8507	4911	8507 (100%)	4628 (94%)	8507 (100%)	4537 (92%)
Combined Total	13418		13135 (98%)		13044 (97%)	

* Counts are for "participants" only. Prospective participants who are in the recruitment process are not included in the counts.

[1] "Processed" includes all steps in data management, such as coding, quality control, computer entry, and verification.

[2] "Dosimetry" includes maximum treatment dose by body region in the 5 years following primary diagnosis. Organ or site specific dosimetry is provided as requested.



Applications of Intent (AOI) to Conduct Research

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CANCER CONTROL						
05.21.08	The Influence of Geographical Proximity to a Cancer Center on Risk Based Care among Childhood Cancer Survivors	Caplin/Utah Oeffinger/MSKCC		06.10.08	Approved	Approved
05.27.08	Longitudinal Changes in Health Status	Hudson/SJCRH	Chronic Disease Psychology	07.16.08	Approved	Approved
06.02.08	Risk-Based Health Evaluation of CCSS Participants (CPIR)	Green/SJCRH	Chronic Disease	07.16.08	Approved	Approved
06.05.08	A Comparison of Functional Outcomes between Sarcoma Survivors with Surgery or Radiation As Their Local Control	Marina/Stanford	Chronic Disease	07.16.08	Approved	Approved
06.05.08	Physical Activity in Lower Extremity Sarcoma Survivors with Amputation	Ness/SJCRH	Chronic Disease	07.16.08	Approved	Approved
06.05.08	A Comparison of Functional Outcomes between UE and LE Sarcoma Survivors	Marina/Stanford	Chronic Disease	07.16.08	Approved	Approved
06.05.08	Neurocognitive Problems and Health Behavior Outcomes	Krull/SJCRH	Psychology	07.16.08	Approved	Approved
06.18.08	Understanding Health Care Utilization Patterns and Changes Occurring over a Decade: A Report from the Childhood Cancer Survivor Study	Casillias/UCLA		07.16.08	Approved	Approved
10.14.08	Investigating the Needs of Childhood Cancer Survivors: Understanding Residual Treatment Effects (INSURE), Ancillary Study	Cox/SJCRH	Chronic Disease	11.12.08	Approved	Approved
04.07.09	Predictors of Smokeless Tobacco Use among Survivors of Childhood Cancer	Klosky/SJCRH		05.12.09	Approved	Approved
06.21.09	Mental Health and Tobacco Use Among Childhood Cancer Survivors: A Longitudinal Analysis	Lown/Alcohol Research Group	Psychology	07.10.09	Approved	Approved

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CANCER CONTROL (continued)						
08.06.09	Identifying Intervention Targets to Increase Mammography Screening among At-Risk Childhood Cancer Survivors	Cox/SJCRH	SMN	09.09.09	Approved	Approved
11.13.09	Prevalence and Predictors of Smoking Cessation in Childhood Cancer Survivors	Gibson/SJCRH		12.22.09	Approved	Approved
02.12.10	Mental Health, Tobacco & Alcohol use in Survivors and Siblings (Ancillary Study)	Lown/Alcohol Research Group		03.03.10	Approved	Not Funded
03.08.10	Determinants of Employment	Stone/UCLA			Withdrawn due to overlap	_____
06.10.10	Longitudinal assessment of physical activity	Ness/SJCRH	Chronic Disease Psychology	06.25.10	Approved	Approved
03.16.11	Diet and insulin resistance in survivors of childhood leukemia	Tonorezos/Sloan Kettering	Chronic Disease	03.29.11	Approved	Not Approved
03.16.11	Risk reduction strategies to prevent subsequent skin cancer	Geller/Harvard	SMN Epi/Biostats	03.29.11	Approved	Pending
03.22.11	Longitudinal changes of Health Risk Factor Clusters and Relationship to Morbidity in Adult Survivors of Childhood Cancer	Hijjiya/Northwestern	Chronic Disease Psychology	04.13.11	Approved	Approved
04.13.11	Modifiable lifestyle factors and risk of a secondary breast cancer	Rosenberg/Harvard	SMN		Withdrawn	_____
04.14.11	Cost-effectiveness of Colorectal Cancer Screening Among Survivors Treated with Abdominal Radiation Therapy	Hodgson/Princess Margaret Hospital	SMN	05.30.11	Approved	Pending
06.15.11	Chronic Health Conditions and Employment Status Transitions for Childhood Cancer Survivors	Kirchhoff/Huntsman Cancer Institute Salt Lake City	Chronic Disease	07.26.11	Approved	Approved
06.30.11	The impact of location and type of follow-up care on morbidity and mortality in childhood cancer survivors	Nathan/Sick Kids	Chronic Disease Epi/Biostats	07.13.11	Approved	Withdrawn

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CANCER CONTROL (continued)						
08.01.11	Health behaviors and Mammogram Utilization in the CCSS	Rosenberg/Harvard School of Public Health	Psychology	08.16.11	Approved	Approved
09.09.11	The Health System Use and Cost Implications of Amputation vs. Limb Salvage Surgery	Conti/University of Chicago	Psychology	09.23.11	Approved	Withdrawn
09.29.11	Colorectal Screening Practices of Survivors of Childhood Cancer at Risk for Secondary Colorectal Malignancies	Kohler/UAB	SMN Psychology	11.07.11	Approved	Approved
12.02.11	Health Status Outcomes in Survivors of Hodgkin Lymphoma	Marina/Stanford			Withdrawn	_____
12.06.11	Evaluation of the association between lifestyle factors and pregnancy outcomes	Gawade/SJCRH	Epi/Biostats Psychology	01.04.12	Approved	Approved
12.09.11	Information Needs of Childhood Cancer Survivors and their Families	Mendonca/U. of Wisconsin	Epi/Biostats	01.04.12	Approved	Not Approved
01.27.12	Influence of lifestyle on site-specific cumulative incidence for second primary malignancies in five-year survivors of a childhood cancer	Kovalchik/NIH	SMN	03.07.12	Withdrawn	_____
03.01.12	Tobacco Use Among Adult Siblings of Childhood Cancer Survivors	Buchbinder/CHOC	Psychology	03.21.12	Approved	Approved
04.26.12	Association Between Exercise Behavior and Incidence of non-cancer Chronic Health Conditions	Jones/Duke	Chronic Disease Psychology		Approved	Approved
06.07.12	Receipt of a Treatment Summary and its relationship to morbidities and premature mortality	Ford/MSKCC		07.16.12	Approved	Approved
06.07.12	Association of Surgical Procedure to Health Status in Sarcoma Survivors	Avedian/Stanford	Chronic Disease	07.16.12	Approved	Approved
06.20.12	The Consequences of Childhood Cancer on Employer-Sponsored Health Insurance and Social Security Benefits	Kirchhoff/Utah		07.16.12	Approved	Approved

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CANCER CONTROL (continued)						
07.11.12	Survival Burden in Childhood Cancer Survivors	Henderson/Univ. of Chicago	Chronic Disease SMN	08.28.12	Withdrawn	-----
09.11.12	Longitudinal Evaluation of Chronic Disease and Health Perceptions in Soft Tissue Sarcoma Survivors	Mueller/Univ. of Michigan	Chronic Disease Psychology	09.18.12	Approved	Approved
09.17.12	The Socio-economic Outcomes of Siblings of Childhood Cancer Survivors	Henderson/ Univ. of Chicago		10.05.12	Approved	On Hold
10.24.12	Cancer Screening in Childhood Cancer Survivors: Grounded Theory and Discourse Analysis	Tripp/MD Anderson		11.20.12	Approved	Withdrawn
11.01.12	Evaluating socioeconomic and health-related pathways that predict smoking in survivors of childhood cancer	Erinosho/UNC	Psychology	11.20.12	Approved	Withdrawn
11.19.12	Health Beliefs and Behaviors: Cohort Studies in Childhood Cancer Survivors Ancillary Study (KO7)	Henderson/University of Chicago	SMN	01.10.13	Approved	Pending
05.21.13	The impact of chronic disease on health care utilization in the CCSS cohort	Nathan/Sick Kids		05.30.13	Approved	Approved
05.21.13	Health Status Among Adult Survivors of Childhood Cancer by Treatment Era	Ness/SJCRH		05.30.13	Approved	Approved
06.10.13	Social Outcomes in Aging Hodgkin Lymphoma Survivors	Effinger/Stanford		07.23.13	Not Approved	-----
07.07.13	EQUAL: Exercise and QUality diet After Leukemia	Tonorezos/MSKCC	SMN/Psychology	07.24.13	Approved	Pending
08.05.13	Longitudinal Evaluation of Health Status and Social Functioning in Survivors of Pediatric Astrocytomas	Effinger/Stanford	Chronic Disease Psychology	08.19.13	Approved	Approved
08.06.13	Examining the Role of Transitional Care in Facilitating Quality Clinical Health Care and Preventive Services for Adults Survivors of Childhood Cancer	Mertens/Emory			On Hold	On Hold

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CANCER CONTROL (continued)						
08.09.13	Health Care Utilization for Childhood Cancer Survivors	Mueller/U. of Michigan	Chronic Disease	08.19.13	Approved	Approved
08.30.13	The impact of endocrine disorders on physical activity and functional outcomes	Pradhan/ Riley	Psychology Chronic Disease	09.26.13	Approved	Approved
09.24.13	Behavioral and Psychosocial Predictors of Health Behaviors among Adolescent/Young Adult Survivors	Wu/ Univ. of Utah	Psychology	10.07.13	Withdrawn	—
10.23.13	Social support and health care utilization	Wu/Univ. of Utah	Psychology Chronic Disease	11.07.13	Approved	Pending
11.02.13	Stages of Change and Predictors of Mammography Practices of Female Survivors of Childhood Cancer and Siblings	Szalda/CHOP		12.05.13	Approved	Approved
01.06.14	Longitudinal Mammogram Practices	Moskowitz/MSKCC	SMN	02.11.14	Approved	Approved
01.05.14	Does intention to undergo screening mammography predict future screening?	Ford/MSKCC	SMN	02.11.14	Approved	Pending
04.23.14	EMPOWER Study: Promoting BC Screening in Women Who Survived Childhood Cancer, Ancillary Study	Oeffinger/MSKCC	SMN	04.23.14	Approved	Approved
04.23.14	ECHOS, Ancillary Study	Hudson/ST. Jude		04.23.14	Approved	Approved
09.02.14	Patient-reported Concerns	Gibson/SJCRH	Epi/Biostats Psychology	09.21.14	Approved	Approved
10/06.14	Physical Functioning in Pediatric Leukemia and Lymphoma Survivors	Le/Yale		10.06.14	Approved	Pending
10.17.14	Financial Burden of Medical Care	Fair/University of Utah	Chronic Disease	10.06.14	Approved	Pending
11.24.14	Understanding Experiences of Childhood Cancer Survivors after ACA Implementation, Ancillary Study	Park/Harvard	Chronic Disease	12.17.14	Approved	Pending

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CANCER CONTROL (continued)						
11.24.14	Financial Burden in Survivors of Childhood Cancer	Nip/Harvard		12.17.14	Approved	Pending
12.05.14	Health Status in Extremity Sarcoma Survivors	Marina/Stanford	Chronic Disease	12.23.14	Approved	Pending
12/05.14	Trajectory of Mammography and Breast MRI among High Risk Women	Ford/MSKCC		12.23.14	Approved	Pending
CHRONIC DISEASE						
05.02.08	Genitourinary Complications in Survivors of Childhood Cancer	Shnorhavorian/FHRC		06.10.08	Approved	Approved
06.05.08	The Risk of Osteoporosis and Fracture among Survivors of Childhood Cancer	Kadan-Lottick/Yale University			Approved	Approved
06.06.08	Cardiovascular Risk Factors and CV Events	Meacham/Emory University	Epi/Biostats	07.16.08	Approved	Approved
06.06.08	Solid Organ Transplantation in 5-year Survivors of Childhood Cancer.	Termuhlen/Nationwide Children's Hospital		07.11.08	Approved	Approved
06.11.08	Infectious Complications in Childhood Cancer Survivors	Perkins/Children's Hospitals & Clinics of Minnesota		07.11.08	Approved	Approved
06.12.08	A Comparison of Mortality and Morbidity in Hodgkin's Survivors of Contemporary Therapy	Castellino/Wake Forest University	SMN	07.11.08	Approved	Pending
06.13.08	Determination of Risk Factors for Stroke Among Survivors of Childhood Hodgkin's Disease - A Case: Control Study	Bowers/U.T. Southwestern Medical Center at Dallas		07.11.08	Approved	Withdrawn
07.01.08	Adverse Neurologic Sequelae Are Predictors of Poor Outcome in Survivors of Childhood Central Nervous System Tumors and Leukemia: A Report from the Childhood Cancer Survivor Study	Ulrich/Children's Hospital Boston/Dana-Farber Cancer Center	Psychology	08.11.08	Approved	Withdrawn
09.02.08	Long-term Outcomes in Adult Survivors of Childhood Cancer: A Comparison of Conventional Therapy and Hematopoietic Cell Transplantation (HCT)	Armenian/City of Hope	Psychology Cancer Control Epi/Biostats	09.19.08	Approved	Approved

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CHRONIC DISEASE (continued)						
09.25.08	Fertility of Female Survivors of Acute Lymphoblastic Leukemia	Green/SJCRH		10.14.08	Approved	Approved
11.11.08	Late DVT Risk in Cancer Survivors	Setia/Memorial Sloan Kettering		12.02.08	Approved	Withdrawn
03.11.09	Creation of a Risk Score Algorithm to Predict Individual Risk of Future Serious Cardiovascular Disease	Chow/FHRC	Cancer Control	04.03.09	Approved	Approved
06.11.09	Outcome of Pregnancies Exposed to Cancer Therapy	Mulvihill/U. of Oklahoma	Genetics	07.10.09	Approved	Approved
06.19.09	The Multifactorial Etiology of Obesity among CCSS Participants	Green/SJCRH	Psychology	07.10.09	Approved	Approved
07.14.09	Renal Outcomes	Nottage/SJCRH			Withdrawn due to overlap	_____
09.08.09	Pulmonary complications in Long-term Survivors of Childhood CNS Tumors with Craniospinal Irradiation	Tein/SJCRH	Psychology	10.06.09	Approved	Approved
11.09.09	Diseases of the Thyroid Gland Associated with Radiation Therapy: A Report from the Childhood Cancer Survivor Study	Viega/NCI	SMN		Approved	Approved
01.29.10	Longitudinal Assessment of Chronic Health Conditions	Armstrong/SJCRH		02.12.10	Approved	Approved
02.26.10	Health and Functional Status of Long Term Adult Medulloblastoma Survivors	King/Wash. U.	Psychology SMN	03.31.10	Approved	Approved
03.04.10	Health Status of Older Adult Survivors of Childhood Cancer	Kenney/DFCI	Psychology Epi/Biostats	03.31.10	Approved	Pending
04.20.10	Scoring Alkylating Agent Exposure: Evaluation of the Cyclophosphamide Equivalent Dose Score	Green/SJCRH	SMN Epi/Biostat	5.18.10	Approved	Approved
05.12.10	Evaluation of Long-term Outcomes in Ewing Sarcoma Survivors	Marina/Stanford	SMN	6.17.10	Approved	Approved

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CHRONIC DISEASE (continued)						
06.10.10	Neurologic and Neurosensory Deficits in Long-term Survivors of Childhood Brain Tumors: Occurrence of New Deficits and Effects of Aging in Occurrence as Assessed in 2007 Survey	Wells/Children's National	SMN Psychology	6.25.10	Approved	Approved
06.24.10	Premature Menopause in Survivors of Childhood Cancer	Levine/Columbia		07.06.10	Approved	Approved
11.05.10	Infertility and Use of Fertility Treatments	Barton/Brigham & Women's		11.23.10	Approved	Approved
02.18.11	BMI and Diabetes Mellitus in Survivors of ALL	Tonorezos/MSKCC	Cancer Control	03.16.11	Approved	Not Approved
04.22.11	Changes in BMI Among Adult Survivors of Childhood CNS Tumors	Chang/MD Anderson	Psychology	05.03.11	Approved	Approved
05.23.11	Longitudinal Analysis of Outcomes for Acute Lymphoblastic Leukemia Survivors	Dilley/Northwestern	Cancer Control	05.30.11	On Hold	Pending
05.06.12	Chronic Medical Conditions Among Long-term Survivors of Pediatric Non-Hodgkin Lymphoma	Bluhm/Washington Hospital	Epi/Biostats Psychology		On Hold	_____
06.07.12	Longitudinal Pulmonary Complications in Survivors of Childhood Cancer	Dietz/UCSD	Epi/Biostats	07.16.12	Approved	Approved
06.07.12	Using the Cumulative Illness Rating Scale to characterize the burden of chronic conditions among childhood cancer survivors	Esbenshade/SJCRH	Epi/Biostats	07.16.12	Approved	Approved
06.07.12	Increasing risk of chronic endocrine disorders in aging survivors of childhood cancer	Mostoufi-Moab		07.16.12	Approved	Approved
06.15.12	Medical and Psychosocial Outcomes of Survivors of AYA Cancer	Suh/U. of Chicago	Cancer Control Psychology	07.16.12	Approved	Approved
06.16.12	Morbidity and Mortality Associated with the Diagnosis of Subsequent Meningiomas – Is it Necessary to Screen Adult Survivors of Childhood Cancer Survivors for Meningiomas?	Bowers/ UT Southwestern	SMN	07.16.12	Approved	Approved
08.20.12	Long-term Risk of Small Bowel Obstruction in Pediatric Patients with Primary Abdominal Tumors	Diller/Harvard	Epi/Biostats	08.28.12	Approved	Approved

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CHRONIC DISEASE (continued)						
05.31.13	Changes in Long-Term Outcomes in Hodgkin Lymphoma Survivors with Contemporary Risk-Adapted Therapy	Oeffinger/MSKCC	Epi/Biostats SMN Cancer Control	07.23.13	Approved	Approved
06.10.13	Effects of Body Mass Index on Aging Childhood Cancer Survivors	Effinger/Stanford	Cancer Control	07.23.13	Not Approved	_____
07.31.13	Predictors of Hypertension in Adult Survivors of Childhood Cancer	Ojha/SJCRH	Psychology Epi/Biostats	08.19.13	Approved	Pending
09.27.13	Anthracycline Equivalence	Feijen/Emma Children's	Epi/Biostats	10.14.13	Approved	Approved
09.27.13	Fertility following Contemporary Chemotherapy	Chow/ Univ. of Washington		10.14.13	Approved	Approved
11/07/13	Estimating the burden of disease associated with late-effects among childhood cancer survivors	Yeh/Harvard		12.05.13	Approved	Approved
11.16.13	Updated prevalence of long-term survivors of childhood cancer and estimated burden of morbidity using SEER and CCSS	Phillips/NCI	Psychology	12.05.13	Approved	Approved
12.11.13	Analysis of dose response for circulatory disease in the Childhood Cancer Survivor Study Cohort with a focus on non-cardiac doses	Little/NCI	Epi/Biostats	01.16.14	Approved	Pending
09.02.14	Chronic Health Conditions in Survivors Treated with Abdominal Radiation	Friedman/MSKCC	SMN	09.21.14	Approved	Approved
10.16.14	Comparison of Risks of Long-Term Outcomes with the British CCSS	Fidler/University of Birmingham, UK	SMN Epi/Biostats	10.28.14	Approved	Approved
11.11.14	Long term cardiovascular mortality of childhood cancer survivors - safety and efficacy of percutaneous coronary interventions (PCI)	Iliescu/MD Anderson	Epi/Biostats	12.01.14	Approved	Pending
11.11.14	Esophageal strictures after childhood cancer therapy: Experience from three childhood cancer survivor cohorts	Asdahl/Aarhus University		12.01.14	Approved	Approved
11.25.14	Racial variations in Renal Function after nephrectomy for Wilms Tumor	Christison-Legay/Yale		12.23.14	Approved	Pending
12/05.14	BMI in Survivors Diagnosed 1970-99 and Siblings: Prevalence and Risk Factors	Patterson/Emory		12.23.14	Approved	Pending
12.05.14	Long-term Morbidity in Survivors of CML	Hijiya/Northwestern			On Hold	

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CHRONIC DISEASE (continued)						
12.19.14	Improving Assessment and Treatment of Cardiovascular Risk Factors, Ancillary Study	Chow/Univ. of Washington	Cancer Control	01.15.15	Approved	Pending
01.27.14	Cardiac Outcomes in Long-Term Survivors of Childhood Cancer	Mulrooney/SJCRH	Epi/Biostats	2.22.15	Approved	Pending
01.27.15	Chronic Health Conditions in Survivors of Non-Hodgkin Lymphoma	Ehrhardt/SJCRH	Epi/Biostats	2.22.15	Approved	Pending
05.05.15	Assessment of Hearing Impairment in Long-Term Survivors of Childhood Cancer	Brown/Baylor	Epi/Biostats			
EPIDEMIOLOGY / BIOSTATISTICS						
04.21.08	Conditional Survival in Pediatric and Adolescent Malignancies	Wasilewski-Masker/Emory/CHOA		06.10.08	Approved	Approved
04.21.08	Analysis of Late Mortality by Treatment Era: Brief Report	Armstrong/SJCRH		06.10.08	Approved	Not Approved
06.19.08	Cardiac Mortality	Armstrong/SJCRH		07.16.08	Approved	Approved
09.23.08	Assessing Bias Associated with Missing Data from the Childhood Cancer Survivor Study	Huang/SJCRH		10.14.08	Approved	Hold
02.12.09	Predicting Late Effects of Individual Cancer Survivors: A Pilot Methodological Study, Ancillary Study	Yasui/Edmonton Alberta		03.16.09	Approved	Approved
05.12.09	Impact of Health Behaviors and Health Perceptions on Subsequent Mortality in Childhood Cancer Survivors, Ancillary Study	Cox/SJCRH		05.28.09	Approved	Approved
05.26.09	Cost Effectiveness of Cardiac Guideline for Survivors of Pediatric Cancers	Wong/City of Hope		06.10.09	Approved	Approved
10.07.09	Computational Dose Reconstruction for Breast Cancer Patients after Hodgkin Lymphoma: Dose Comparison and Sensitivity Study	Lee/NCI	SMN	11.05.09	Not Approved	—
11.16.09	Congenital Heart Disease	Gruber/U. of Michigan	Genetics	12.22.09	Approved	Not Approved
11.19.10	Exercise and prevention of late cardiac outcomes after anthracyclines	Ryerson/Emory	Chronic Disease Cancer Control	12.10.10	Approved	Approved

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EPI / BIOSTAT (continued)						
06.18.10	Long-term outcomes in survivors of retinoblastoma (the New York cohort): a comparison of survivors versus non-cancer controls	Dunkel/MSKCC		07.01.10	Approved	Approved
10.27.10	Prediction of Risk of Serious Health Conditions	Salz/MSKCC		11.10.10	Approved	Pending
05.16.11	Cost Effectiveness of COG Breast Cancer Screening Guidelines for Female Survivors of Pediatric Cancers	Wong/City of Hope	SMN Cancer Control	06.02.11	Approved	Approved
06.13.11	Predictors of Healthy Aging	Ness/SJCRH	SMN/ Chronic Disease Genetics Psychology Cancer Control	07.13.11	Approved	Pending
09.08.11	Statistical Analysis of a Mixture of Recurrent Event and Panel Count data	Zhu/SJCRH		09.23.11	Approved	Approved
10.06.11	Estimating long-term risks in children newly diagnosed with ALL based on survivor clusters in the CCSS cohort	Essig/University of Bern	Cancer Control Chronic Disease SMN	11.07.11	Approved	Approved
05.15.12	Predicting the risk of SMN among childhood cancer survivors with NMSC as a second malignancy	Ojha/SJCRH	SMN	06.13.12	Withdrawn	_____
07.16.12	Access to Health Information Technology and Health Information Seeking in Adult Survivors of Childhood Cancer	Mertens/SJCRH	Cancer Control	08.28.12	Approved	Approved
12.12.12	Estimation of risk ratios in the presence of statistical interactions	Satagopan/MSKCC		01.10.13	Approved	Approved
01.14.14	Risk of Cardiovascular disease and Second Malignancies attributable to therapeutic exposures by Treatment Era	Bhatia/UAB	SMN/Chronic Disease	02.11.14	Approved	Pending
01.14.14	Association between key therapeutic exposures and outcomes - gaps in knowledge	Bhatia/UAB	SMN/Chronic Disease	02.11.14	Approved	Pending
01.20.14	Late Mortality by Treatment Era	Armstrong/SJCRH		02.11.14	Approved	Approved

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EPI / BIOSTAT (continued)						
04.02.14	Differences in participant characteristics and changes in treatment characteristics from the original to the expanded cohorts	Mertens/Emory		04.23.14	Approved	Approved
04.05.14	Tiled study design: using temporal overlap as a method to extend longitudinal follow-up among carefully selected time-limited cohorts	Chow/University of Washington	Chronic Disease	04.23.14	Approved	Pending
05.19.14	Use of an incentive to increase biologic sample (Oragene) return rate	McDonald/SJCRH		06.20.14	Approved	Pending
08.15.14	Differences in Long-Term Outcomes by Race/Ethnicity in Childhood Cancer Survivors	Liu/University of Alberta		09.04.14	Approved	Approved
11.11.14	Relationships of persistent symptoms with relapse, SMN, and mortality	Huang/ St. Jude	SMN, Chronic Disease, Psychology	12.01.14	Approved	Pending
04.02.15	Dosimetric Uncertainty in Radiation Dose Reconstruction Method used for CCSS	Howell/MD Anderson		04.26.15	Approved	Pending
GENETICS						
-	GWAS of SMNs after Hodgkin Lymphoma	Onel/U. of Chicago	SMN	-	Approved	Approved
-	Genetic Epidemiology of Basal Cell Carcinoma in Childhood Cancer Survivors	Davies/Cincinnati	SMN	-	Approved	Approved
-	Susceptibility Genes for RT-induced Breast Cancer after Hodgkin Lymphoma	Van Leeuwen/Netherlands Cancer Institute	SMN		Approved	Approved
-	Radiation-related Thyroid Cancer	Nikiforov/U. of Pittsburgh	SMN		Approved	Approved
05.02.08	Characterization of Genomic Alterations in Radiation-Related Breast Cancer Using Array CGH (Comparative Genomic Hybridization)	Yang/NCI	SMN	06.02.08	Approved	Approved
05.27.08	Incidence of Familial Hodgkin Lymphoma	Metzger/SJCRH			Approved	Hold
06.05.08	Genetic Predictors of Impaired and Enhanced Neurocognitive and Psychological Functioning among Survivors of Childhood Leukemia and Lymphoma	Kadan-Lottick/Yale University	Psychology	03.16.09	Approved	Pending

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
GENETICS (continued)						
06.25.08	Genetic Polymorphisms and Metabolic Outcomes in Childhood Leukemia Survivors	Kamdar/Texas Children's Hospital	Chronic Disease	08.11.08	Approved	Ancillary Study Approved
09.25.08	Late Effects in Childhood Cancer Survivors and Vitamin D Polymorphisms	Ocku/Baylor	SMN	10.14.08	Approved	Not Approved
11.13.08	Long-Term Morbidity in Childhood Cancer Survivors with Down Syndrome	Raber/UCSF	Chronic Disease	12.02.08	Approved	Approved
12.02.08	Evaluation of SNPs in the EWS Breakpoint Region in People with and without Ewing Sarcoma	DuBois/UCSF		12.18.08	Approved	Ancillary Study Approved
06.15.09	Telomere Length and Risk for Second Malignancy in Pediatric Cancer Survivors	Gramatges/Baylor	SMN	07.10.09	Approved	Approved
10.15.09	Polymorphisms of Cardiomyocyte Genes in CCSS Participants with Congestive Heart Failure or Subclinical Left Ventricular Dysfunction After Treatment with Anthracyclines	Green/SJCRH		11.05.09	Approved	Withdrawn
07.28.10	Detecting Germ Cell Mutation by Family DNA Sequencing	Mulvihill/OU				Pending
08.21.10	Genetic Alterations in Second Malignant Neoplasms	Nakamura/UCSF	SMN	11.10.10	Approved	Approved
12.15.10	Multiple SMNs & Genomic Instability/DNA Repair	Bhatia/UAB	Epi/Biostats SMN	02.03.11	Approved	Pending
02.09.11	Molecular variation between spontaneous breast cancers and breast cancers induced by radiation in survivors of Hodgkin's Lymphoma	Pelloski/Ohio State	SMN	03.09.11	Approved	Withdrawn
04.04.11	Genome-Wide Association Study of Subsequent Malignancies	Morton/NCI	SMN Epi/Biostats	04.21.11	Approved	Approved
04.14.11	Identification of susceptibility loci in radiation-induced breast cancer by exome and CNV analysis	Hodgson/Princess Margaret Hospital	SMN	05.03.11	Approved	Pending
05.03.11	Genetic susceptibility to anthracycline-related CHF	Bhatia/UAB	Chronic Disease Epi/Biostats	06.02.11	Approved	Approved

Date Received	Title	Author/ Institution	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
GENETICS (continued)						
07.08.11	Genetic Susceptibilities to Second Cancers	Onel/University of Chicago	SMN	08.16.11	Approved	Pending
07.08.11	PRDM1 and Somatic Mutations in SMNs after Hodgkin Lymphoma	Onel/University of Chicago	SMN	08.16.11	Approved	Pending
10.05.11	Host and demographic factors associated with solid second malignant neoplasms in un-irradiated childhood cancer survivors	Henderson/University of Chicago	SMN	11.07.11	Withdrawn	—
10.18.12	Epigenomic Profiling of Metabolic Outcomes in Childhood Leukemia Survivors	Lupo/Baylor	Cancer Control	11.20.12	Approved	Approved
09.26.13	Evaluation of the intrinsic molecular profiles of radiation-preceded breast cancer	Barcellos-Hoff/NYU	SMN	10.14.13	Approved	Pending
03.25.14	Shortened telomere length and defects in telomere maintenance associated with thyroid SMNs in childhood cancer survivors, Ancillary Study	Gramatges/Baylor	SMN, Epi/Biostats	04.14.14	Approved	Pending
04.01.14	Neurofibromatosis and Second Neoplasms, Ancillary Study	Bhatia/UAB			Approved	Pending
06.20.14	Improving delivery of genetic services to high risk childhood cancer survivors, Ancillary Study	Henderson/ University of Chicago	Cancer Control	10.28.14	Approved	Pending
02.19.15	Exome Sequencing to Discover Genetic Variants that Predispose to the Development of Subsequent Neoplasms	Morton/NCI	SMN, Epi/Biostats	04.26.15	Approved	Approved
05.01.15	Validation of Interactome-based Biomarkers of Inherited Susceptibility to Radiation Induced Carcinogenesis, Ancillary Study	Amundson/Columbia University	SMN		Pending	Pending
PSYCHOLOGY						
05.05.08	Psychosexual Adjustment in Long-Term Female Survivors of Childhood Cancer	Carpentier/ Indiana University School of Medicine			Withdrawn	—
06.05.08	Predictors of Future QOL in Adolescent Survivors of Childhood Cancer	Nolan/SJCRH	Chronic Disease	07.11.08	Approved	Approved
06.07.08	Quality of Life Associated with Fertility Status in Childhood Cancer Survivors	Warwick/Medical College of Wisconsin	Chronic Disease	07.11.08	Withdrawn	—

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PSYCHOLOGY (continued)						
06.09.08	QOL in Long-Term Survivors	Schapmire/University of Louisville		07.11.08	Withdrawn	_____
06.11.08	Health Behaviors and Chronic Disease	Hudson/SJCRH			Withdrawn	_____
07.10.08	The Psychological and General Health Status Impact of Late Sibling Death: A Report from the Childhood Cancer Survivor Study	Raber/UCSF Children's Hospital		08.11.08	Withdrawn	_____
08.25.08	Impact of Chronic Disease on Neurocognitive and Psychosocial Functions	Krull/ SJCRH	Chronic Disease	09.19.08	Approved	Approved
10.10.08	An Examination of the Relationship Between Fatigue/Sleep Disturbance and Neurocognitive Functioning in Adult Survivors of Childhood Cancer	Clanton/Baylor		11.12.08	Approved	Approved
11.24.08	Outcome after Stroke among Long-Term Survivors of Childhood Leukemia and Brain Tumors	Fullerton/UCSF	Chronic Disease	12.18.08	Approved	Approved
01.26.09	Localization of CNS Directed Radiotherapy and Neurocognitive, Psychological and Quality of Life Outcomes in Survivors of CNS Tumors	Armstrong/SJCRH		02.12.09	Approved	Approved
01.27.09	Chronic Pain and Psychosexual Function in Adult Survivors of Childhood Cancer	Randolph-Frye/SJCRH		02.12.09	Withdrawn	_____
05.05.09	Dermatological Issues in Adult Survivors of Childhood Cancer	Kinahan/Northwestern	Cancer Control	05.28.09	Approved	Approved
06.16.09	Predictors of Psychoactive Medication Use	Brinkman/SJCRH	Epi/Biostats	07.10.09	Approved	Approved
08.12.09	Causal Associations Between Psychological and Quality of Life Outcomes in CCSS	Krull/SJCRH		09.09.09	Approved	Withdrawn
08.15.09	Health Related Quality of Life in Adult Survivors of Relapsed ALL	Essig/U. of Bern		09.09.09	Withdrawn	_____
01.18.10	Psychological and Neurocognitive outcomes in those diagnosed with cancer as adolescent and young adults in the CCSS	Prasad/Vanderbilt		02.12.10	Approved	Approved

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PSYCHOLOGY (continued)						
09.29.10	Longitudinal Patterns of Late Effects in Adult Survivors of Childhood Brain Tumors	Hardie/Drexel	Epi/Biostats Chronic Disease	10.21.10	Approved	Approved
10.21.10	Longitudinal Psychological Distress	Brinkman/SJCRH		11.10.10	Approved	Approved
04.22.11	Sensory-motor problems and associated functional outcomes in survivors of childhood central nervous system (CNS) tumors	Walsh/ Children's National Medical Center	Chronic Disease	05.03.11	Approved	Pending
06.23.11	Physical Activity and Risky Behavior Patterns Among Teenage Survivors of Childhood Cancers	Devine/U. of Rochester	Cancer Control	07.13.11	Approved	Approved
07.23.11	Measurement invariance in health-related quality of life between young adult survivors of childhood cancer and their siblings	Huang/ University of Florida	Epi/Biostats	08.16.11	Approved	Approved
01.19.12	Post-traumatic stress symptoms, adherence to screening guidelines and health-related behaviors in adult survivors of childhood cancer	Kimberg/SJCRH	Cancer Control		Hold	Hold
01.19.12	Health Related Locus of Control	Kimberg/SJCRH	Cancer Control	02.02.11	Approved	Approved
03.27.12	Chronic alcohol consumption and neurocognitive function in adult survivors of childhood cancer	Brinkman/SJCRH	Cancer Control	04.26.12	Approved	Approved
04.25.12	Psychosocial and physical factors influencing fatigue in survivors of childhood Hodgkin Lymphoma	Crabtree/SJCRH	Epi/Biostats	05.15.12	Approved	Approved
05.07.12	Identifying Longitudinal Predictors of Quality of Life in Adolescent Survivors of Pediatric Cancer	Stern/VCU		06.13.12	Approved	Approved
05.08.12	Fatigue reported by childhood cancer survivors and its relationship to health outcomes	Lai/Northwestern University	Epi/Biostats	06.13.12	Approved	Pending
10.03.12	Locus of Control and Survivorship Care	Mays/Georgetown		11.20.12	Approved	Withdrawn
10.06.12	Psychosocial Outcomes of Pediatric Cancer Survivors	Nellen/University of Virginia		10.26.12	Withdrawn	—
10.12.12	The Impact of Vision Loss Among Childhood Survivors of Central Nervous System Astroglial Tumors	De Blank/Rainbow Babies	Chronic Disease	10.26.12	Approved	Approved

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PSYCHOLOGY (continued)						
10.16.12	A Pilot Study to Investigate Stimulants to Improve Neurocognitive Impairment in Adult Survivors of Childhood Cancer	Balsamo/ Yale		10.26.12	Approved	Withdrawn
10.17.12	Posttraumatic stress and growth in survivors of recurrent pediatric blood cancers	Hoffman/University of Iowa		10.26.12	Withdrawn	_____
10.24.12	Neurocognitive and Psychosocial Difficulties in Survivors of Rhabdomyosarcomas	Schapiro/Washington University		11.20.12	Approved	Approved
10.29.12	Sleep and Fatigue in Survivors of Pediatric CNS tumors	Manley/Dana-Farber	Chronic Disease	11.20.12	Approved	Pending
10.30.12	Eating Disorder Behaviors in Survivors of Childhood Cancer	Zhang/Tufts University		11.20.12	Approved	Pending
05.01.13	Social and behavioral phenotypes of adolescent survivors of childhood cancer	Brinkman/SCJRH		05.30.13	Approved	Approved
05.08.13	Exploring latent clusters of survivors using the BSI-18	D'Agostino/Princess Margaret Cancer Centre		05.30.13	Approved	Approved
08.19.13	Mental Health Care Service Availability and Utilization Among Childhood Cancer Survivors	Perez/Mass General	Cancer Control	09.26.13	Approved	Approved
08.23.13	The Impact of the Sibling Sociodemographic and Health Factors on Psychological Outcomes of Childhood Cancer Survivors	Buchbinder/CHOC		09.26.13	Approved	Pending
11.06.13	Impact of social networks on psychological and health-related quality of life outcomes on young adult survivors of childhood cancer	Galligan/Univ. of Florida		12.17.13	Withdrawn	_____
11.14.13	Neuropsychological Outcomes in Long Term Survivors of Stem Cell Transplant	Hiniker/Stanford		12.17.13	Not Approved	_____
01.20.14	Cognitive, behavioral and learning problems in survivors of childhood ALL	Jacola/SJCRH		02.11.14	Approved	Approved
01.29.14	Adult Neurobehavioral Late Effects of Pediatric Low Grade Brain Tumors	Ris/Baylor	Epi/Biostats	02.11.14	Approved	Approved
03.14.14	Antecedents and consequences of personal and interpersonal strengths in young adult survivors	Henrich/Georgia State University		03.30.14	Approved	Approved

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PSYCHOLOGY (continued)						
04.03.14	Vascular effects of cranial radiation therapy, Ancillary Study	Mueller/UCSF	Chronic Disease Epi/Biostats	04.22.14	Approved	Pending
06.30.14	Psychological Concerns Among Siblings of Childhood Cancer Survivors	Buchbinder/CHOC		08.29.14	Approved	Pending
10.06.14	Effects of administration modes on patient-reported outcomes assessment in CCSS	Huang/SJCRH	Epi/Biostats	10.28.14	Approved	Approved
03.05.14	Neurocognitive Function in Survivors of Osteosarcoma	Kadan-Lottick/ Yale		04.26.15	Approved	Pending
SECOND MALIGNANT NEOPLASMS						
04.10.08	Multiple Subsequent Neoplasms	Robison/SJCRH		04.20.08	Approved	Approved
06.20.08	GH Therapy and Brain Tumors as SMNs	Patterson/Emory University	Chronic Disease	03.16.09	Approved	Not Approved
12.18.08	Colorectal Cancer as SMN	Henderson/Univ. of Chicago		01.12.09	Approved	Approved
09.11.09	Late Occurring Secondary Leukemia's in Survivors of Childhood Cancers	Nottage/SJCRH		10.06.09	Approved	Approved
05.25.10	Melanoma as a second malignant neoplasm	Pappo/SJCRH	Genetics	06.14.10	Approved	Approved
06.18.10	Breast cancer following chest RT	Oeffinger/MSKCC	Chronic Disease	07.01.10	Approved	Approved
10.28.10	Primary Tumor Recurrence and SMN After Pregnancy	Rokitka/Roswell Park		11.10.10	Approved	Pending
11.09.10	SMN After Diabetes Mellitus	Chang/UCSF	Chronic Disease	11.23.10	Approved	Pending
11.11.10	Breast Cancer Risk Factors	Inskip/NCI		12.07.10	Approved	Approved
11.16.10	Radiation Dose and Risk of Meningioma	Rajaraman/NCI	Epi/Biostats		Hold	—
02.03.11	Renal Cell Carcinoma	Wilson/SJCRH		03.09.11	Approved	Approved
04.13.11	Gynecological Malignancies	Nathan/Sick Kids		05.03.11	Approved	Pending
04.20.11	Development and validation of an absolute risk prediction model for thyroid cancer in childhood cancer survivors	Ronckers/Netherlands	Epi/Biostats	05.03.11	Approved	Approved
04.27.11	Testicular Cancer Following Pediatric Cancer	Oeffinger/MSKCC	Chronic Disease	05.10.11	Approved	Pending
05.03.11	Development of Radiobiologic Models of Second Cancer Risk for Childhood Cancer Patients Treated with Radiation Therapy	Hodgson/Princess Margaret	Epi/Biostats	06.02.11	Approved	Pending

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SMN (continued)						
05.09.11	Risk of Breast Cancer in Survivors Not Exposed to Chest Radiation	Henderson/Univ. of Chicago	Genetics	06.02.11	Approved	Approved
05.30.11	Breast Cancer Following Spinal Radiation	Moskowitz/MSKCC	Cancer Control Epi/Biostats	06.22.11	Approved	Approved
08.11.11	Subsequent neoplasms in adult survivors of childhood cancer in relation to weight and physical activity	George/NCI	Cancer Control Epi/Biostats Psychology	08.21.11	Approved	Not Approved
08.31.11	Lymphoma as SMN	Suh/University of Chicago		09.21.11	Approved	Not Approved
04.03.12	Late Second Neoplasms in Long-Term Survivors of Childhood Cancer	Turcotte/University of Minnesota	Epi/Biostats	04.26.12	Approved	Approved
06.07.12	Second Malignant Neoplasm in Down syndrome survivors of childhood cancer	Xavier/MUSC	Genetics	07.16.12	Approved	Pending
07.03.12	Pooled International Study of Radiation Related Intracranial Tumors	Inskip/NCI		07.16.12	Approved	Approved
09.18.12	Exposure-specific absolute risks of second primary cancer and cardiovascular disease for five-year survivors of childhood Hodgkin's lymphoma	Kovalchik/NCI	Cancer Control Chronic Disease	10.05.12	Approved	Pending
11.27.12	Subsequent Neoplasms in Survivors of Medulloblastoma at St. Jude Children's Research Hospital	Tsui/SJCRH	Chronic Disease	01.10.13	Approved	Approved
01.08.13	Beyond radiation: Understanding thyroid cancer risk in childhood cancer	Turcotte/University of Minnesota	Epi/Biostats	04.02.13	Approved	Pending
04.14.13	Comparison of radiation dose reconstruction methods for subsequent neoplasm studies	Morton/NCI	Epi/Biostats Genetics	5.15.13	Approved	Approved
07.24.13	HPV-related SMNs in childhood cancer survivors	Alexander/University of Chicago		08.19.13	Approved	Pending
10.02.13	Radiation Dose Reconstruction Methods for Intensity Modulated Radiation Therapy (IMRT)	Howell/MD Anderson	Epi/Biostats Chronic Disease	10.14.13	Approved	Withdrawn

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SMN (continued)						
01.16.14	Changing Patterns of Second Neoplasms in Childhood Cancer Survivors: Comparison of Survivor Cohorts	Turcotte/University of Minnesota	Epi.biostats	02.11.14	Approved	Approved
01.14.14	NF1 and Second Malignant Neoplasms, Ancillary Study	Bhatia/UAB	Genetics	02.19.14	Approved	Pending
01.30.14	Breast Cancer in the Modern Treatment Era	Henderson/Univ. of Chicago		02.11.14	Approved	Pending
04.23.14	Prediction Model: Breast Cancer in Women Irradiated for a Pediatric Malignancy, Ancillary	Moskowitz/MSKCC	Cancer Control		Approved	Approved
12.05.14	Changing Patterns of Non-Melanoma Skin Cancer in Childhood Cancer Survivors Who Received Radiation Therapy	Griffith/University of Miami	Epi/Biostats	01.15.15	Approved	Pending
12.25.14	The Impact of Radiation Dose Uncertainty and Heterogeneity on Subsequent Breast Cancer Risk	Berrington/NCI	Epi/Biostats	01.15.15	Approved	Pending
02.09.15	Cause-specific Mortality among Survivors with Thyroid Subsequent Malignant Neoplasm	Barnea/MSKCC	Cancer Control	04.26.15	Approved	Pending

Statistical Center Current Project List

Concept	Project	Investigator	Stat Center Contact	Secondary/Sr. Statistician	Status
Submitted & Draft Manuscripts					
09-16	Recurrent Stroke in Childhood cancer survivors	Sabine Mueller/Heather Fullerton	Kayla	Wendy	Revised resubmitted - Neurology
12-18	Second neoplasms in 5th and 6th decades of life	Lucie Turcotte/Joe Neglia	John	Wendy	Revised resubmitted - JCO
12-19	Health-related locus of control in childhood cancer survivors	Cara Kimberg	Nan Zhang	Kumar	Submitted-Cancer
13-07	Risk factors for intestinal obstruction requiring surgical intervention among patients with primary abdominal tumors	Arin Madenci	Stacey Fisher/Qi Liu	Yutaka	Revised resubmitted - JCO
14-01	Derivation of anthracycline equivalence to doxorubicin in relation to late cardiotoxicity	Lieke Feijen	Kayla/Lieke	Wendy	Revised resubmitted- JCO
12-01	Measurement invariance in health-related quality of life between survivors and siblings	I-Chan Huang	Wendy	I-Chan Huang	Submitted
11-23	Health behaviors and mammogram utilization	Shoshana Rosenberg	Wendy	Chaya Moskowitz (MSKCC)	Submitted - Under Revision
11-24	Male sexual health	Chad Ritenour/Lillian Meacham	Kristy	Wendy	Under revision
14-12	Longitudinal Smoking analysis	Todd Gibson	Wei	Kumar	Submitted - Cancer
11-13	Risk of Breast Cancer Following Spinal Irradiation for a Pediatric Malignancy	Chaya Moskowitz	Wendy	Chaya Moskowitz (MSKCC)	Under Revision - Rad and Onc
11-19	Breast Cancer in Survivors Not Exposed to Chest Radiation	Tara Henderson	Wendy	Chaya Moskowitz (MSKCC)	Submitted - JCO
13-12	Tobacco use among adult siblings of CSS	David Buchbinder	Conrado	Yutaka	Submitted - Annals of Int Med
12-09	Longitudinal Evaluation chronic Health Conditions in Ewings Sarcoma survivors	Neyssa Marina	Qi Liu	Yutaka	Manuscript in Preparation
Internal	Missing data imputation (methodology)	Leah Martin/Qi Liu	Yutaka	Yutaka	Manuscript in Preparation
11-18	Physical Activity and Psychological Functioning Among Teenage Survivors	Katie Devine/Kevin Krull	John	Wendy	Manuscript in Preparation
07-08	Health outcomes for infant cancer survivors	Lynda Vrooman/Lisa Diller	Pam/Wendy	Julie Najita (Harvard)	Manuscript in preparation
05-09	Regional Access	Dierdre Caplin/Kevin Oeffinger	Kiri	Dierdre Caplan	Manuscript in Preparation
11-09	Inverse probability censored weighting (IPCW) to adjust for selection bias and drop out	Chonghzi Di	Toana / Kayla	Wendy	Manuscript in Preparation
11-10	Neurologic/neurosensory sequelae in CNS survivors	Elizabeth Wells	Kristy	Wendy	Manuscript in Preparation
11-03	Morbidity in Survivors of Childhood Leukemia with Down Syndrome	Shannon Raber/Rob Goldsby	Kayla	Wendy	Manuscript in Preparation
12-10	Health Status Outcomes in HL survivors	Karen Effinger	Wendy	Alice Whittemore (Stanford)	Manuscript in Preparation

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Submitted & Draft Manuscripts (con't)					
14-08	Adult Neuropsychological Late-Effects in Childhood Low Grade Brain Tumors	Doug Ris	Pam	Wendy/Chongzhi Di	Manuscript in Preparation (Paper 1)
09-15	Genitourinary outcomes in childhood cancer survivors	Margarett Shnorhavian	Pam	Wendy	Manuscript in Preparation
11-02	Non-Surgical Premature Menopause in CCSS Update	Levine/Sklar	John	Wendy	Manuscript in Preparation
12-16	Perceptions of risk for Male Health Problems (infertility component)	Jordan Gilleland	Kristy	Wendy	Manuscript in Preparation
12-11	Health and Functional Status of Adult Medulloblastoma Survivors	Allison King	Kristy	Wendy/Chongzhi	Manuscript in Preparation
13-09	Health outcomes among survivors of adolescent and young adult cancer	Eugene Suh	Wendy	Kayla	Manuscript in Preparation
13-13	Patterns and predictors of clustered risky health behaviors	Nobuko Hijiya	Nan Zhang	Kumar	Manuscript in Preparation
13-11	Longitudinal analysis of pulmonary complications	Drew Dietz	Yan Chen	Yutaka	Manuscript in Preparation
13-17	Chronic alcohol consumption, neurocognitive dysfunction and psychological distress	Tara Brinkman	Chenghong Li	Kumar	Manuscript in Preparation
13-04	Longitudinal Eval of Chronic Disease and Health Status in Soft Tissue Sarcoma Survivors	Emily Mueller	Pam	Wendy	Manuscript in Preparation
14-18	Cognitive and academic difficulties in survivors of head/neck rhabdomyosarcomas	Melissa Shapiro	Wei Liu	Kumar	Manuscript in preparation
09-01	Impact of Chronic disease on NCQ and psychosocial functions	Kevin Krull (was N. Jain)	Chenghong Li	Kumar	Manuscript in preparation
14-19	Differences in Long-Term Outcomes by Race/Ethnicity	Qi Liu	Yutaka	Yutaka/Wendy	Manuscript in preparation
Analyses Ongoing					
Ancillary	MDM2 risk factor for BC	Stella Davies	John	Wendy	Analyses completed
Ancillary	ARL111 risk for multiple SMN	Stella Davies	Kayla	John / Wendy	Analyses completed
04-15	Psychosocial sequelea after cancer in infancy vs. after infancy	Marc Bornstein (Axia)	John / Wendy	NCI Statistician	Analyses Ongoing
04-12	BCC risks due to sun exposure and radiation	Ann Mertens	Wendy	Wendy	Analyses Ongoing
14-15	Breast cancer risk calculator after chest radiation	Chaya Moskowitz	Wendy	Chaya (MSKCC)	Analyses Ongoing
07-01	Incidence of cataract in relation of radiation dose	Gabriel Chodick	Yan Chen /Yutaka	Gabriel / Peter Inskip	Data sent. Analyses Ongoing
11-11	Longitudinal Patterns of Late Effects in Adult Survivors of Childhood Brain Tumors	Thomas Hardie	Kristy	Penn Statistician	Data sent.
Ancillary	MSK Retinoblastoma survivor study w/sibling data from CCSS	Ira Dunkel	Kayla	Yuelin Li /Joanne Chou (MSKCC)	Programs and Data Sent.
10-05	Outcomes of Pregnancies Exposed to Cancer Therapy	John Mulvihill	John	Wendy	Data sent.

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Analyses Ongoing (con't)					
10-04	Predicting cardiovascular disease; creation of a risk score model, Paper 2	Eric Chow	Yan Chen	Yutaka	Analyses Ongoing
11-22	Chronic Health Conditions and Employment Status Transitions	Anne Kirchhoff	Wendy	Anne K.	Analyses Ongoing
11-12	Direct and indirect effects of anthracycline exposure on cardiac outcomes	Blythe Ryerson	Wendy/Kayla	Blythe Ryerson	Data sent.
11-16	Joint effects of treatment and host factors on second primary breast cancers	Peter Inskip	Wendy	Chaya/John	Case / control Data sent, dosimetry underway
Ancillary	Thyroid cancer SNP study	Yuri Nikiforov/Smita Bhatia	John	Wendy	Case / Control selection, data sent.
Ancillary	Genetic susceptibility to Obesity After Treatment for Childhood Cancer	Kala Kamdar	Kristy	Local Statistician	Subjects selected, data sent.
11-20	Solid Organ transplant after Childhood Cancer	Drew Dietz	Kristy	Wendy	Analyses ongoing / Linkage with UNOS complete
12-03	GWAS of Subsequent Neoplasms in CCSS	Lindsey Morton	Wendy	NCI group	Analyses ongoing
12-12	Access to Health Information technology and Health Information Seeking	Mechelle Claridy	Wendy	Ann Mertens	Data sent
Ancillary	Breast Cancer after HL collaboration with Dutch group	Smita Bhatia	John	Wendy	Data sent.
12-17	Longitudinal predictors of QOL in Adolescent survivors	Claire Russell/Kevin Krull	Zhenghong/Kiri	Kiri	Analyses under review
13-05	Breast Cancer in Childhood Cancer Survivors: The impact of screening on morbidity	Tara Henderson	Chaya		Analyses ongoing.
13-08	Psychosocial and physical factors influencing fatigue in survivors of childhood HL	Amanda Rach	Zhenghong Li	Kumar	Analysis complete
13-10	Body Mass Index trajectories among adult survivors of childhood central nervous system tumors	Maria Chang	Wendy		Data sent.
13-17	Morbidity and Mortality Associated with Meningiomas following Cranial Radiation Exposure	Daniel Bowers	Wendy	Chaya	Data sent.
13-15	Predictors of receipt of a treatment summary, and its relationship to receipt of risk-based health care, incidence of morbidities and premature mortality.	Jennifer Ford/Tara Henderson	Wendy	Chaya	Data sent.
13-16	Comparison of radiation dose reconstruction methods for SN studies	Lindsey Morton	NCI analysts	Wendy	Data sent.
14-03	Estimating the burden of disease associated with late-effects among childhood cancer survivors	Jennifer Yeh	Wendy/Pam	Jennifer Yeh/Harvard Statistician	Data sent.
14-02	Chronic endocrine disorders in adult survivors of childhood cancer	Sogol Mostoufi-Moab	Kristy	Wendy	Analyses ongoing

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Analyses Ongoing (con't)					
12-14	Cost Effectiveness of Breast Cancer Screening Guidelines for Female Survivors	Lennie Wong	Yan Chen	Yutaka/Wendy	Data sent
14-06	Exploring latent clusters of survivors using the BSI-18 (original and expansion cohorts)	Norma D'Agostino	Nan Zhang	Kumar	Finalizing analyses
14-05	Fertility following contemporary chemotherapy in CCS (original and expansion cohorts)	Eric Chow	Kayla	Wendy	Analyses ongoing
14-11	Mortality by era and treatment (original and expansion cohorts)	Greg Armstrong	Yan Chen	Yutaka	Analyses ongoing
14-10	Health Status by Era (original and expansion cohorts)	Kiri Ness	Kendra	Kiri	Analyses ongoing
14-07	Social and behavioral phenotypes of adolescent survivors of childhood cancer (original and expansion cohort proposal)	Brinkman/Krull	Chengong Li	Kumar	Finalizing analyses
14-20	Exercise and risk of major health outcomes	Lee Jones		Yutaka	Analyses ongoing
13-16	Longitudinal Health Status among Astrocytoma survivors	Karen Effinger	Kayla / Karen Effinger	Wendy / Stanford Statistician	Data sent
14-22	Characteristics of the Expanded Childhood Cancer Survivor Study Cohort: 5-Year Survivors Diagnosed from 1970-1999	Mertens/Leisenring	John	Wendy	Analyses ongoing
14-09	Epigenomic profiling of metabolic outcomes	Philip Lupo	Yutaka	Yutaka/Philip	Analyses ongoing
14-26	Predictors and outcomes of personal strengths in young adult cancer survivors	Aurelie Weinstein	Kayla	Wendy/Local Statistician	Data sent
14-28	Cognitive, behavior and learning problems in adolescent survivors of childhood acute lymphoblastic leukemia (ALL)	Lisa Jacola	Nan Zhang	Kumar	Analyses ongoing
15-06	Exome sequencing to discover genetic variants that increase risks of subsequent neoplasm	Lindsay Morton	Wendy/Yutaka	NCI Statistician	Analyses ongoing
15-04	Risk of breast and thyroid cancer after radiotherapy for Hodgkin's Lymphoma: Can reconstructed dosimetry data be used to predict secondary malignancies	David Hodgson	Pam	Wendy	Data sent
14-17	Mental healthcare service availability and utilization among childhood cancer survivors	Giselle Perez / Park	Wendy/Kayla	Wendy/Local Statistician	Preparing data set
15-01	Using the Cumulative Illness Rating Scale to characterize the burden of chronic conditions	Adam Esbenshade	Kiri/Lu Lu	Kiri / Wendy	Analyses ongoing
15-03	Comparison of risks of mortality (all-cause, cause-specific) and invasive second or subsequent cancers: CCSS and BCSS	Miranda Fidler	Qi/Yutaka	Miranda Fidler	Preparing data set

Concept	Project	Investigator	Stat Center Contact	Secondary/Sr. Statistician	Status
Approved Concepts in Queue					
13-01	Pooled International Study of Radiation related Tumors of the Brain and Nervous System	Peter Inskip	NCI statisticians		
13-18	Impact of health insurance on utilization of outpatient and inpatient health care services	Emily Mueller	Wendy		
14-25	Impact of chronic disease on health care utilization (original and expansion cohorts)	Paul Nathan	Wendy		
14-21	Impact of Endocrine disorders on HRQL and Physical Activity	Kamnesh Pradhan	Wendy		
14-23	Changing patterns of second neoplasms in CCSS (original and expansion cohorts)	Lucie Turcotte	Yutaka/Wendy		
14-24	Patient-reported concerns in survivors of childhood cancer.	Todd Gibson	Kumar		
15-02	Esophageal disease after childhood cancer therapy: Experience from three childhood cancer survivor cohorts	Peter Asdahl	Wendy		
15-05	Cyclophosphamide Equivalent Dosing and Male Health Late Effects	Lillian Meacham	Wendy		
15-07	Changes in Long-Term Outcomes in Hodgkin Lymphoma Survivors with Contemporary Risk-Adapted Therapy	Kevin Oeffinger	Wendy		
15-08	Impact of Radiation Dose and Volume to the Pancreas on Risk of Diabetes Mellitus in Survivors Treated with Abdominal Radiation	Danielle Novetsky/Friedman	Wendy/Chaya		
Proposals Under Development					
	Prediction of risk of serious health conditions among survivors	Talya Salz	Wendy/Chaya		
	Risk of SMN in long-term survivors of childhood cancer with Diabetes mellitus	Rob Goldsby	Wendy		
13-15	Evaluation of molecular profiles of radiation-preceded breast cancer	Helen Barcellos-Hoff	Yutaka/Wendy		
	Second malignant neoplasm in Down syndrome survivors of childhood cancer	Ana Xavier	Wendy		
12-15	BMI and physical activity in relation to risk of SMN	Stephanie George	Wendy		
	Predictors of healthy aging in childhood cancer survivors	Kiri Ness	Wendy/Yutaka		

Concept	Project	Investigator	Stat Center Contact	Secondary/Sr. Statistician	Status
Proposals Under Development (con't)					
	Eating disorder behaviors in adolescent survivors of childhood cancer	Fang Fang Zhang	Wendy		
	Impact of preceived social support on long term medical follow up	Yelena Wu	Wendy		
	Health Care Financial Burden and Missed Opportunities for Care	Doug Fair	Wendy		
	Financial Burden in Survivors	Ryan Nipp	Wendy		
	Dosimetric Uncertainty in Radiation Dose Reconstruction Method	Rebecca Howell	Wendy		
	Use of an incentive to increase biologic sample (Oragene) participation	Aaron McDonald	Wendy		
Ancillary Study Grant Proposals					
	Adult Neuropsychological Late-Effects in Childhood Low Grade Brain Tumors	Doug Ris	Wendy		Analyses partially complete, manuscript being drafted.
	Evaluation of Cardiac Outcomes in Survivors (ECHOS)	Melissa Hudson/Cheryl Cox	Kayla/Wendy		First manuscript published, second in analysis
	Insure (Needs Assessment) - Ancillary	Cheryl Cox	Wendy		Published
	Projecting breast cancer risk	Chaya Moskowitz/Kevin Oeffinger	Chaya		Funded, one manuscript published
	Efficacy of Tobacco Quit Line for Cancer Survivors	Bob Klesges	Wei/Kumar		Published
	Are Childhood Cancer Survivors Underinsured?	Elyse Park	Wendy		Several Publications
	EQUAL: Exercise And QUality diet After Leukemia	Emily Tonorezos	Chaya		Enrolling
Data Management					
	Coding of Expansion Baseline chronic conditions to CTCAE	Kevin Oeffinger and others	Kayla	Wendy	Underway,
	Validation, Cleaning and Freezing of Expansion Cohort SMN	Greg Armstrong/Joe Neglia	John Whitton	John, Aaron,	Completed April, 2015
	Conversion of SMN data from ICDO-2 to ICDO-3	Greg Armstrong/Joe Neglia	Pam Goodman	John, Wendy	Completed January, 2015
	Cleaning and freezing of expansion mortality data	Greg Armstrong/Joe Neglia	Pam Goodman	John, Wendy	Completed November 2014, Updated April 2015
	Creation of Frozen data sets for baseline expansion	John Whitton	John/Wendy	Sandrine, Pam, Aaron, Chris	Completed November 2014, Updated April 2015
	Creation of Frozen data set for expansion MRAF and MDA RT data	Kayla Stratton	Kayla/Pam/Wendy	Wendy, Aaron, Chris	Completed November 2014, Updated April 2015
	Audit and freeze of audited SMN Data	John Whitton	Joe/Lucie	Wendy	Completed Dec, 2012

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Data Management (con't)					
	Cleaning of Elyse Park RO1 Insurance Study Data	Elyse Park	John/Chris Vukadinovich	Wendy	Most recent freeze May, 2013
	Created Frozen data through FU2007 data (Q's, Mortality 2007, SMN)	John Whitton	Kiri/Aaron	Wendy	Data frozen, Jan, 2011
	CCSS MHQ data error check	John/Chris	John	Kumar/Wendy	Complete.
	Creation of Web based Public Use tables	Jim Gurney	Kayla	John	Complete - Tables on St Jude Website
	"Toolbox" variable creation	John Whitton	John	Pam/Kayla/Kristy	Ongoing.
	Documentation of all data sets	John Whitton	Pam/Kayla	Wendy	Developing comprehensive documentation for Q'naires.
	Creation of Chest RT/ Breast Ca related database	Kevin Oeffinger	John	Wendy	Data set created May, 2010.
	Creating frozen data set on participation for use in Consort diagrams	Kayla Stratton	Kayla/Aaron McDonald	Wendy	Survivors and siblings complete.
	Creation of frozen data set for DNA samples	Stella Davies	Sue Huang/Lu Lu	Kiri	Data Frozen June, 2014

Publications and Manuscripts

Peer-reviewed Manuscripts and Reviews

1. Rauck AM, Green DM, Yasui Y, Mertens A, Robison LL. Marriage in the survivors of childhood cancer: A preliminary description from the Childhood Cancer Survivor Study. *Med Pediatr Oncol*, 1999; 33(1): 60-3.
2. Yasui Y, Whitton J. Problems in using age-stratum-specific reference rates for indirect standardization. *J Clin Epidemiol*, 1999; 52(5): 393-8.
3. Sklar C, Whitton J, Mertens A, Stovall M, Green D, Marina N, Greffe B, Wolden S, Robison L. Abnormalities of the thyroid in survivors of Hodgkin's disease: Data from the Childhood Cancer Survivor Study. *J Clin Endocrinol Metab*, 2000; 85(9): 3227-32.
4. Neglia JP, Friedman DL, Yasui Y, Mertens AC, Hammond S, Stovall M, Donaldson SS, Meadows AT, Robison LL. Second malignant neoplasms in five-year survivors of childhood cancer: Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2001; 93(8): 618-29.
5. Mertens AC, Yasui Y, Neglia JP, Potter JD, Nesbit ME Jr, Ruccione K, Smithson WA, Robison LL. Late mortality experience in five-year survivors of childhood and adolescent cancer: The Childhood Cancer Survivor Study. *J Clin Oncol*, 2001; 19(13): 3163-72.
6. Emmons K, Li FP, Whitton J, Mertens AC, Hutchinson R, Diller L, Robison LL. Predictors of smoking initiation and cessation among childhood cancer survivors: A Report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2002; 20(6): 1608-16.
7. Kadan-Lottick NS, Robison LL, Gurney JG, Neglia JP, Yasui Y, Hayashi R, Hudson M, Greenberg M, Mertens AC. Childhood cancer survivors' knowledge about their past diagnosis and treatment: Childhood Cancer Survivor Study. *JAMA*, 2002; 287(14): 1832-9.
8. Robison LL, Mertens AC, Boice JD, Breslow NE, Donaldson SS, Green DM, Li FP, Meadows AT, Mulvihill JJ, Neglia JP, Nesbit ME, Packer RJ, Potter JD, Sklar CA, Smith MA, Stovall M, Strong LC, Yasui Y, Zeltzer LK. Study design and cohort characteristics of the Childhood Cancer Survivor Study: A multi-institutional collaborative project. *Med Pediatr Oncol*, 2002; 38(4): 229-39.
9. Sklar CA, Mertens AC, Mitby P, Occhiogrosso G, Qin J, Heller G, Yasui Y, Robison LL. Risk of disease recurrence and second neoplasms in survivors of childhood cancer treated with growth hormone: A report from the Childhood Cancer Survivor Study. *J Clin Endocrinol Metab*, 2002; 87(7): 3136-41.
10. Zebrack BJ, Zeltzer LK, Whitton J, Mertens AC, Odom L, Berkow R, Robison LL. Psychological outcomes in long-term survivors of childhood leukemia, Hodgkin's disease and non-Hodgkin's lymphoma: A report from the Childhood Cancer Survivor Study. *Pediatrics*, 2002; 110(1 Pt 1): 42-52.
11. Green DM, Whitton JA, Stovall M, Mertens AC, Donaldson SS, Ruymann FB, Pendergrass TW, Robison LL. Pregnancy outcome of female survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Am J Obst Gynecol*, 2002; 187(4): 1070-80.
12. Mertens AC, Yasui Y, Liu Y, Stovall M, Hutchinson R, Ginsberg J, Sklar C, Robison LL. Pulmonary complications in survivors of childhood and adolescent cancer: A report from the Childhood Cancer Survivor Study. *Cancer*, 2002; 95(11): 2431-41.
13. Gurney JG, Kadan-Lottick NS, Packer RJ, Neglia JP, Sklar CA, Punyko JA, Stovall M, Yasui Y, Nicholson HS, Wolden S, McNeil DE, Mertens AC, Robison LL. Endocrine and cardiovascular late effects among adult survivors of childhood brain tumors: Childhood Cancer Survivor Study. *Cancer*, 2003; 97(3): 663-73.
14. Green DM, Whitton JA, Stovall M, Mertens AC, Donaldson SS, Ruymann FB, Pendergrass TW, Robison LL. Pregnancy outcome of partners of male survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2003; 21(4): 716-21.
15. Mitby PA, Robison LL, Whitton JA, Zevon MA, Gibbs IC, Tersak JM, Meadows AT, Stovall M, Zeltzer LK, Mertens AC. Utilization of special education services and educational attainment among long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Cancer*, 2003; 97(4): 1115-26.

16. Oeffinger KC, Mertens AC, Sklar CA, Yasui Y, Fears T, Stovall M, Vik TA, Inskip PD, Robison LL. Obesity in adult survivors of childhood acute lymphoblastic leukemia: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2003; 21(7): 1359-65.
17. Nagarajan R, Neglia JP, Clohisey DR, Yasui Y, Greenberg M, Hudson M, Zevon MA, Tersak JM, Ablin A, Robison LL. Education, employment, insurance, and marital status among 694 survivors of pediatric lower extremity bone tumors: A report from the Childhood Cancer Survivor Study. *Cancer*, 2003; 97(10): 2554-64.
18. Boice JD Jr, Tawn EJ, Winther JF, Donaldson SS, Green DM, Mertens AC, Mulvihill JJ, Olsen JH, Robison LL, Stovall M. Genetic effects of radiotherapy for childhood cancer. *Health Phys*, 2003; 85(1): 65-80.
19. Packer RJ, Gurney JG, Punyko JA, Donaldson SS, Inskip PD, Stovall M, Yasui Y, Mertens AC, Sklar CA, Nicholson HS, Zeltzer LK, Neglia JP, Robison LL. Long-term neurologic and neurosensory sequelae in adult survivors of a childhood brain tumor: Childhood Cancer Survivor Study. *J Clin Oncol*, 2003; 21(17): 3255-61.
20. Hudson MM, Mertens AC, Yasui Y, Hobbie W, Chen H, Gurney JG, Yeazel M, Recklitis CJ, Marina N, Robison LL, Oeffinger KC. Health status of adult long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *JAMA*, 2003; 290(12): 1583-92.
21. 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; 88(10): 4731-9.
22. Kadan-Lottick NS, Friedman DL, Mertens AC, Whitton JA, Yasui Y, Strong LC, Robison LL. Self-reported family history of cancer: The utility of probing questions. *Epidemiology*, 2003; 14(6): 737-40.
23. Emmons KM, Butterfield RM, Puleo E, Park ER, Mertens A, Gritz ER, Lahti M, Li FP. Smoking among participants in the Childhood Cancer Survivors Cohort: The Partnership for Health Study. *J Clin Oncol*, 2003; 21(2): 189-96.
24. Yasui Y, Liu Y, Neglia JP, Friedman DL, Bhatia S, Meadows AT, Diller LR, Mertens AC, Whitton J, Robison LL. A methodological issue in the analysis of second-primary cancer incidence in long-term survivors of childhood cancers. *Am J Epidemiol*, 2003; 158(11): 1108-13.
25. Yeazel MW, Oeffinger KC, Gurney JG, Mertens AC, Hudson MM, Emmons KM, Chen H, Robison LL. The cancer screening practices of adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Cancer*, 2004; 100(3): 631-40.
26. Oeffinger KC, Mertens AC, Hudson MM, Gurney JG, Casillas J, Chen H, Whitton J, Yeazel M, Yasui Y, Robison LL. Health care of young adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Ann Fam Med*, 2004; 2(1): 61-70.
27. Butterfield RM, Park ER, Puleo E, Mertens A, Gritz ER, Li FP, Emmons K. Multiple risk behaviors among smokers in the Childhood Cancer Survivor Study cohort. *Psychooncology*, 2004; 13(9): 619-29.
28. Zebrack BJ, Gurney JG, Oeffinger K, Whitton J, Packer RJ, Mertens A, Turk N, Castleberry R, Dreyer Z, Robison LL, Zeltzer LK. Psychological outcomes in long-term survivors of childhood brain cancer: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2004; 22(6): 999-1006.
29. Yeazel MW, Gurney JG, Oeffinger KC, Mitby PA, Mertens AC, Hudson MM, Robison LL. An examination of the dental utilization practices of adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Public Health Dent*, 2004; 64(1):50-4.
30. Ross JA, Oeffinger KC, Davies SM, Mertens AC, Langer EK, Kiffmeyer WR, Sklar CA, Stovall M, Yasui Y, Robison LL. Genetic variation in the leptin receptor gene and obesity in survivors of childhood acute lymphoblastic leukemia: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2004; 22(17): 3558-62.
31. Brownstein CM, Mertens AC, Mitby PA, Stovall M, Qin J, Heller G, Robison LL, Sklar CA. Factors that affect final height and change in height standard deviation scores in survivors of childhood cancer treated with growth hormone: A report from the Childhood Cancer Survivor Study. *J Clin Endocrinol Metab*, 2004; 89(9): 4422-7.
32. Stovall M, Donaldson SS, Weathers RE, Robison LL, Mertens AC, Winther JF, Olsen JH, Boice JD Jr. Genetic effects of radiotherapy for childhood cancer: Gonadal dose reconstruction. *Int J Radiat Oncol Biol Phys*, 2004; 60(2): 542-52.

33. Kenney LB, Yasui Y, Inskip PD, Hammond S, Neglia JP, Mertens AC, Meadows AT, Friedman D, Robison LL, Diller L. Breast cancer after childhood cancer: A report from the Childhood Cancer Survivor Study. *Ann Intern Med*, 2004; 141(8): 590-7.
34. Mertens AC, Walls RS, Taylor L, Mitby PA, Whitton J, Inskip PD, Potter JD, Robison LL. Characteristics of childhood cancer survivors predicted their successful tracing. *J Clin Epidemiol*, 2004; 57(9): 933-44.
35. Mertens AC, Mitby PA, Radloff G, Jones IM, Perentesis J, Kiffmeyer WR, Neglia JP, Meadows A, Potter JD, Friedman D, Yasui Y, Robison LL, Davies SM. XRCC1 and glutathione-S-transferase gene polymorphisms and susceptibility to radiotherapy-related malignancies in survivors of Hodgkin disease. *Cancer*, 2004; 101(6): 1463-72.
36. Nagarajan R, Clohisey DR, Neglia JP, Yasui Y, Mitby PA, Sklar C, Finklestein JZ, Greenberg M, Reaman GH, Zeltzer L, Robison LL. Function and quality-of-life of survivors of pelvic and lower extremity osteosarcoma and Ewing's sarcoma: The Childhood Cancer Survivor Study. *Br J Cancer*, 2004; 91(11): 1858-65.
37. Robison LL, Green DM, Hudson M, Meadows AT, Mertens AC, Packer RJ, Sklar CA, Strong LC, Yasui Y, Zeltzer LK. Long-term outcomes of adult survivors of childhood cancer. *Cancer*, 2005; 104(11 Suppl): 2557-64.
38. 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 of the Childhood Cancer Survivor Study. *Cancer*, 2005; 103(8): 1730-9.
39. Emmons KM, Puleo E, Park E, Gritz ER, Butterfield RM, Weeks JC, Mertens A, Li FP. Peer-delivered smoking counseling for childhood cancer survivors increases rate of cessation: The Partnership for Health Study. *J Clin Oncol*, 2005; 23(27): 6516-23.
40. Sigurdson AJ, Ronckers CM, Mertens AC, Stovall M, Smith SA, Liu Y, Berkow RL, Hammond S, Neglia JP, Meadows AT, Sklar CA, Robison LL, Inskip PD. Primary thyroid cancer after a first tumour in childhood (The Childhood Cancer Survivor Study): A nested case-control study. *Lancet*, 2005; 365(9476): 2014-23.
41. Park ER, Li FP, Liu Y, Emmons KM, Ablin A, Robison LL, Mertens AC. Health insurance coverage in survivors of childhood cancer: The Childhood Cancer Survivor Study. *J Clin Oncol*, 2005; 23(36): 9187-97.
42. 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; 143(9): 639-47.
43. Bowers DC, McNeil DE, Liu Y, Yasui Y, Stovall M, Gurney JG, Hudson MM, Donaldson SS, Packer RJ, Mitby PA, Kasper CE, Robison LL, Oeffinger KC. Stroke as a late treatment effect of Hodgkin's disease: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2005; 23(27): 6508-15.
44. Castellino SM, Casillas J, Hudson MM, Mertens AC, Whitton J, Brooks SL, Zeltzer LK, Ablin A, Castleberry R, Hobbie W, Kaste S, Robison LL, Oeffinger KC. Minority adult survivors of childhood cancer: A comparison of long-term outcomes, health care utilization, and health-related behaviors from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2005; 23(27): 6499-507.
45. Friedman DL, Kadan-Lottick NS, Whitton J, Mertens AC, Yasui Y, Liu Y, Meadows AT, Robison LL, Strong LC. Increased risk of cancer among siblings of long-term childhood cancer survivors: A report from the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*, 2005; 14(8): 1922-7.
46. Perkins JL, Liu Y, Mitby PA, Neglia JP, Hammond S, Stovall M, Meadows AT, Hutchinson R, Dreyer ZE, Robison LL, Mertens AC. Nonmelanoma skin cancer in survivors of childhood and adolescent cancer: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2005; 23(16): 3733-41.
47. Punyko JA, Mertens AC, Gurney JG, Yasui Y, Donaldson SS, Rodeberg DA, Raney RB, Stovall M, Sklar CA, Robison LL, Baker KS. Long-term medical effects of childhood and adolescent rhabdomyosarcoma: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2005; 44(7): 643-53.
48. Robison LL. The Childhood Cancer Survivor Study: a resource for research of long-term outcomes among adult survivors of childhood cancer. *Minn Med*, 2005; 88(4): 45-9.
49. Kadan-Lottick NS, Kawashima T, Tomlinson G, Friedman DL, Yasui Y, Mertens AC, Robison LL, Strong LC. The risk of cancer in twins: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2006; 46(4): 476-81.

50. Chemaitilly W, Mertens AC, Mitby P, Whitton J, Stovall M, Yasui Y, Robison LL, Sklar CA. Acute ovarian failure in the Childhood Cancer Survivor Study. *J Clin Endocrinol Metab*, 2006; 91(5): 1723-8.
51. Bassal M, Mertens AC, Taylor L, Neglia JP, Greffe BS, Hammond S, Ronckers CM, Friedman DL, Stovall M, Yasui YY, Robison LL, Meadows AT, Kadan-Lottick NS. Risk of selected subsequent carcinomas in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2006; 24(3): 476-83.
52. Recklitis CJ, Parsons SK, Shih MC, Mertens A, Robison LL, Zeltzer LK. Factor structure of the Brief Symptom Inventory-18 in adult survivors of childhood cancer: Results from the Childhood Cancer Survivor Study. *Psychol Assess*, 2006; 18(1): 22-32.
53. Sklar CA, Mertens AC, Mitby P, Whitton J, Stovall M, Kasper C, Mulder J, Green D, Nicholson HS, Yasui Y, Robison LL. Premature menopause in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2006; 98(13): 890-6.
54. Ergun-Longmire B, Mertens AC, Mitby P, Qin J, Heller G, Shi W, Yasui Y, Robison LL, Sklar CA. Growth hormone treatment and risk of second neoplasms in the childhood cancer survivor. *J Clin Endocrinol Metab*, 2006; 91(9): 3494-8.
55. Signorello LB, Cohen SS, Bosetti C, Stovall M, Kasper CE, Weathers RE, Whitton JA, Green DM, Donaldson SS, Mertens AC, Robison LL, Boice JD Jr. Female survivors of childhood cancer: Preterm birth and low birth weight among their children. *J Natl Cancer Inst*, 2006; 98(20): 1453-61.
56. Ronckers CM, Sigurdson AJ, Stovall M, Smith SA, Mertens AC, Liu Y, Hammond S, Land CE, Neglia JP, Donaldson SS, Meadows AT, Sklar CA, Robison LL, Inskip PD. Thyroid cancer in childhood cancer survivors: A detailed evaluation of radiation dose response and its modifiers. *Radiat Res*, 2006; 166(4): 618-28.
57. Oeffinger KC, Mertens AC, Sklar CA, Kawashima T, Hudson MM, Meadows AT, Friedman DL, Marina N, Hobbie W, Kadan-Lottick NS, Schwartz CL, Leisenring W, Robison LL. Chronic health conditions in adult survivors of childhood cancer. *N Engl J Med*, 2006; 355(15): 1572-82.
58. Neglia JP, Robison LL, Stovall M, Liu Y, Packer RJ, Hammond S, Yasui Y, Kasper CE, Mertens AC, Donaldson SS, Meadows AT, Inskip PD. New primary neoplasms of the central nervous system in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2006; 98(21): 1528-37.
59. Bowers DC, Liu Y, Leisenring W, McNeil E, Stovall M, Gurney JG, Robison LL, Packer RJ, Oeffinger KC. Late-occurring stroke among long-term survivors of childhood leukemia and brain tumors: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2006; 24(33): 5277-82.
60. 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; 107(6): 1303-12.
61. Park ER, Puleo E, Butterfield RM, Zorn M, Mertens AC, Gritz ER, Li FP, Emmons KM. A process evaluation of a telephone-based peer-delivered smoking cessation intervention for adult survivors of childhood cancer: The Partnership for Health Study. *Prev Med*, 2006; 42(6): 435-42.
62. 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; 49(5): 704-15.
63. Zebrack BJ, Zevon MA, Turk N, Nagarajan R, Whitton J, Robison LL, Zeltzer LK. Psychological distress in long-term survivors of solid tumors diagnosed in childhood: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2007; 49(1): 47-51.
64. Punyko JA, Gurney JG, Scott Baker K, Hayashi RJ, Hudson MM, Liu Y, Robison LL, Mertens AC. Physical impairment and social adaptation in adult survivors of childhood and adolescent rhabdomyosarcoma: A report from the Childhood Cancer Survivors Study. *Psychooncology*, 2007; 16(1): 26-37.
65. Henderson TO, Whitton J, Stovall M, Mertens AC, Mitby P, Friedman D, Strong LC, Hammond S, Neglia JP, Meadows AT, Robison L, Diller L. Secondary sarcomas in childhood cancer survivors: A report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2007; 99(4): 300-8.

66. Chow EJ, Friedman DL, Yasui Y, Whitton JA, Stovall M, Robison LL, Sklar CA. Decreased adult height in survivors of childhood acute lymphoblastic leukemia: A report from the Childhood Cancer Survivor Study. *J Pediatr*, 2007; 150(4): 370-5, 375.e1.
67. Florin TA, Fryer GE, Miyoshi T, Weitzman M, Mertens AC, Hudson MM, Sklar CA, Emmons K, Hinkle A, Whitton J, Stovall M, Robison LL, Oeffinger KC. Physical inactivity in adult survivors of childhood acute lymphoblastic leukemia: A report from the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*, 2007; 16(7): 1356-63.
68. 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; 25(24): 3649-56.
69. 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; 49(7): 975-81.
70. Davies SM. Subsequent malignant neoplasms in survivors of childhood cancer: Childhood Cancer Survivor Study (CCSS) studies. *Pediatr Blood Cancer*, 2007; 48(7): 727-30.
71. Mertens AC. Cause of mortality in 5-year survivors of childhood cancer. *Pediatr Blood Cancer*, 2007; 48(7): 723-6.
72. Mertens AC, Sencer S, Myers CD, Recklitis C, Kadan-Lottick N, Whitton J, Marina N, Robison LL, Zeltzer L. Complementary and alternative therapy use in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2008; 50(1): 90-7.
73. Pang JW, Friedman DL, Whitton JA, Stovall M, Mertens AC, Robison LL, Weiss NS. Employment status among adult survivors in the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2008; 50(1): 104-10.
74. Dinu I, Liu Y, Leisenring W, Mertens AC, Neglia JP, Hammond S, Robison LL, Yasui Y. Prediction of second malignant neoplasm incidence in a large cohort of long-term survivors of childhood cancers. *Pediatr Blood Cancer*, 2008; 50(5): 1026-31.
75. Chow EJ, Friedman DL, Yasui Y, Whitton JA, Stovall M, Robison LL, Sklar CA. Timing of menarche among survivors of childhood acute lymphoblastic leukemia: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2008; 50(4): 854-8.
76. 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. *Sleep*, 2008; 31(2): 271-81.
77. 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; 89(1): 128-36.
78. 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; 17(2): 435-46.
79. Mulrooney DA, Dover DC, Li S, Yasui Y, Ness KK, Mertens AC, Neglia JP, Sklar CA, Robison LL, Davies SM. Twenty years follow-up among survivors of childhood and young adult acute myeloid leukemia: A report from the Childhood Cancer Survivor Study. *Cancer*, 2008; 112(9): 2071-9.
80. Bluhm EC, Ronckers C, Hayashi RJ, Neglia JP, Mertens AC, Stovall M, Meadows AT, Mitby PA, Whitton JA, Hammond S, Barker JD, Donaldson SS, Robison LL, Inskip PD. Cause-specific mortality and second cancer incidence after non-Hodgkin lymphoma: A report from the Childhood Cancer Survivor Study. *Blood*, 2008; 111(8): 4014-21.
81. Mody R, Li S, Dover DC, Sallan S, Leisenring W, Oeffinger KC, Yasui Y, Robison LL, Neglia JP. Twenty-five-year follow-up among survivors of childhood acute lymphoblastic leukemia: A report from the Childhood Cancer Survivor Study. *Blood*, 2008; 111(12): 5515-23.
82. Blanco JG, Leisenring WM, Gonzalez-Covarrubias VM, Kawashima TI, Davies SM, Relling MV, Robison LL, Sklar CA, Stovall M, Bhatia S. Genetic polymorphisms in the carbonyl reductase 3 gene CBR3 and the NAD(P)H: quinone oxidoreductase 1 gene NQO1 in patients who developed anthracycline-related congestive heart failure after childhood cancer. *Cancer*, 2008; 112(12): 2789-95.

83. Kadan-Lottick NS, Dinu I, Wasilewski-Masker K, Kaste S, Meacham LR, Mahajan A, Stovall M, Yasui Y, Robison LL, Sklar CA. Osteonecrosis in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2008; 26(18): 3038-45.
84. Lown EA, Goldsby R, Mertens AC, Greenfield T, Bond J, Whitton J, Korcha R, Robison LL, Zeltzer LK. Alcohol consumption patterns and risk factors among childhood cancer survivors compared to siblings and general population peers. *Addiction*, 2008; 103(7): 1139-48.
85. 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; 30(11): 815-22.
86. Garmey EG, Liu Q, Sklar CA, Meacham LR, Mertens AC, Stovall MA, Yasui Y, Robison LL, Oeffinger KC. Longitudinal changes in obesity and body mass index among adult survivors of childhood acute lymphoblastic leukemia: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2008; 26(28): 4639-45.
87. 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; 26(27): 4401-9.
88. 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; 113(8): 2188-97.
89. Mertens AC, Liu Q, Neglia JP, Wasilewski K, Leisenring W, Armstrong GT, Robison LL, Yasui Y. Cause-specific late mortality among 5-year survivors of childhood cancer: The Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2008; 100(19): 1368-79.
90. Cox CL, Montgomery M, Oeffinger KC, Leisenring W, Zeltzer L, Whitton JA, Mertens AC, Hudson MM, Robison LL. Promoting physical activity in childhood cancer survivors: Results from the Childhood Cancer Survivor Study. *Cancer*, 2009; 115(3): 642-54.
91. Emmons KM, Puleo E, Mertens A, Gritz ER, Diller L, Li FP. Long-Term Smoking Cessation Outcomes Among Childhood Cancer Survivors in The Partnership for Health Study. *J Clin Oncol*, 2009; 27(1): 52-60.
92. Ness KK, Leisenring W, Goodman P, Kawashima T, Mertens AC, Oeffinger KC, Armstrong GT, Robison LL. Assessment of selection bias in clinic-based populations of childhood cancer survivors: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2009; 52(3): 379-86.
93. 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; 3(1): 59-65.
94. Cox CL, Hudson MM, Mertens A, Oeffinger K, Whitton J, Montgomery M, Robison LL. Medical screening participation in the childhood cancer survivor study. *Arch Intern Med*, 2009; 169(5): 454-62.
95. Cox CL, Oeffinger KC, Montgomery M, Hudson MM, Mertens AC, Whitton J, Robison LL. Determinants of mammography screening participation in adult childhood cancer survivors: Results from the Childhood Cancer Survivor Study. *Oncol Nurs Forum*, 2009; 36(3): 335-344.
96. Ness KK, Leisenring WM, Huang S, Hudson MM, Gurney JG, Whelan K, Hobbie WL, Armstrong GT, Robison LL, Oeffinger KC. Predictors of inactive lifestyle among adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Cancer*, 2009; 115(9): 1984-94.
97. Oeffinger KC, Ford JS, Moskowitz CS, Diller LR, Hudson MM, Chou JF, Smith SM, Mertens AC, Henderson TO, Friedman DL, Leisenring WM, Robison LL. Breast cancer surveillance practices among women previously treated with chest radiation for a childhood cancer. *JAMA*, 2009; 301(4): 404-14.
98. Green DM, Kawashima T, Stovall M, Leisenring W, Sklar CA, Mertens AC, Donaldson SS, Byrne J, Robison LL. Fertility of female survivors of childhood cancer. A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2009; 27(16): 2677-85.
99. Armstrong GT, Whitton JA, Gajjar A, Kun LE, Chow EJ, Stovall M, Leisenring W, Robison LL, Sklar CA. Abnormal timing of menarche in survivors of central nervous system tumors: A report from the Childhood Cancer Survivor Study. *Cancer*, 2009; 115(11): 2562-70.

100. Chow EJ, Friedman DL, Stovall M, Yasui Y, Whitton JA, Robison LL, Sklar CA. Risk of thyroid dysfunction and subsequent thyroid cancer among survivors of acute lymphoblastic leukemia: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2009; 53(3): 432-7.
101. Inskip PD, Robison LL, Stovall M, Smith SA, Hammond S, Mertens AC, Whitton JA, Diller L, Kenney L, Donaldson SS, Meadows AT, Neglia JP. Radiation dose and breast cancer risk in the Childhood Cancer Survivor Study. *J Clin Oncol*, 2009; 27(24): 3901-7.
102. Nathan PC, Ness KK, Greenberg ML, Robison LL, Oeffinger KC. Medical care in adult survivors of childhood cancer: Data from the Childhood Cancer Survivor Study. *Am J Hematol Oncol*, 2009; 8(5): 231-238.
103. Meacham LR, Sklar CA, Li S, Liu Q, Gimpel N, Yasui Y, Whitton JA, Stovall M, Robison LL, Oeffinger KC. Diabetes Mellitus in Long-Term Survivors of Childhood Cancer. Increased Risk Associated with Radiation Therapy: A Report from the Childhood Cancer Survivor Study. *Arch Intern Med*, 2009; 169(15): 1381-8.
104. Kaste SC, Goodman P, Leisenring W, Stovall M, Hayashi RJ, Yeazel M, Beiraghi S, Hudson MM, Sklar CA, Robison LL, Baker KS. Impact of radiation and chemotherapy on risk of dental abnormalities: A report from the Childhood Cancer Survivor Study. *Cancer*, 2009; 115(24): 5817-27.
105. Armstrong GT, Liu Q, Yasui Y, Huang S, Ness KK, Leisenring W, Hudson MM, Donaldson SS, King AA, Stovall M, Krull KR, Robison LL, Packer RJ. Long-term outcomes among adult survivors of childhood central nervous system malignancies in the Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2009; 101(13): 946-58.
106. Buchanan N, Leisenring W, Mitby PA, Meadows AT, Robison LL, Hudson MM, Mertens AC. Behaviors associated with ultraviolet radiation exposure in a cohort of adult survivors of childhood and adolescent cancer: A report from the Childhood Cancer Survivor Study. *Cancer*, 2009; 115(18 Suppl): 4374-84.
107. Ellenberg L, Liu Q, Gioia G, Yasui Y, Packer RJ, Mertens A, Donaldson SS, Stovall M, Kadan-Lottick N, Armstrong G, Robison LL, Zeltzer LK. Neurocognitive status in long-term survivors of childhood CNS malignancies: A report from the Childhood Cancer Survivor Study. *Neuropsychology*, 2009; 23(6): 705-17.
108. Robison LL. Treatment-associated subsequent neoplasms among long-term survivors of childhood cancer: The experience of the Childhood Cancer Survivor Study. *Pediatr Radiol*, 2009; 39 Suppl 1:S32-7.
109. Robison LL, Armstrong GT, Boice JD, Chow EJ, Davies SM, Donaldson SS, Green DM, Hammond S, Meadows AT, Mertens AC, Mulvihill JJ, Nathan PC, Neglia JP, Packer RJ, Rajaraman P, Sklar CA, Stovall M, Strong LC, Yasui Y, Zeltzer LK. The Childhood Cancer Survivor Study: A National Cancer Institute-Supported resource for outcome and intervention research. *J Clin Oncol*, 2009; 27(14): 2308-18.
110. Leisenring WM, Mertens AC, Armstrong GT, Stovall MA, Neglia JP, Lanctot JQ, Boice JD Jr, Whitton JA, Yasui Y. Pediatric cancer survivorship research: Experience of the Childhood Cancer Survivor Study. *J Clin Oncol*, 2009; 27(14): 2319-27.
111. Armstrong GT, Liu Q, Yasui Y, Neglia JP, Leisenring W, Robison LL, Mertens AC. Late mortality among 5-year survivors of childhood cancer: A summary from the Childhood Cancer Survivorship Study. *J Clin Oncol*, 2009; 27(14): 2328-38.
112. Diller L, Chow EJ, Gurney JG, Hudson MM, Kadan-Lottick NS, Kawashima TI, Leisenring WM, Meacham LR, Mertens AC, Mulrooney DA, Oeffinger KC, Packer RJ, Robison LL, Sklar CA. Chronic disease in the Childhood Cancer Survivor Study cohort: A review of published findings. *J Clin Oncol*, 2009; 27(14): 2339-55.
113. Meadows AT, Friedman DL, Neglia JP, Mertens AC, Donaldson SS, Stovall M, Hammond S, Yasui Y, Inskip PD. Second neoplasms in survivors of childhood cancer: findings from the Childhood Cancer Survivor Study cohort. *J Clin Oncol*, 2009; 27(14): 2356-62.
114. 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. *J Clin Oncol*, 2009; 27(14): 2363-73.
115. Green DM, Sklar CA, Boice JD Jr, Mulvihill JJ, Whitton JA, Stovall M, Yasui Y. Ovarian failure and reproductive outcomes after childhood cancer treatment: Results from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2009; 27(14): 2374-81.
116. 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. *J Clin Oncol*, 2009; 27(14): 2382-9.

117. 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. *J Clin Oncol*, 2009; 27(14): 2390-5.
118. Zeltzer LK, Recklitis C, Buchbinder D, Zebrack B, Casillas J, Tsao JC, Lu Q, Krull K. Psychological status in childhood cancer survivors: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2009; 27(14): 2396-404.
119. Hudson MM, Mulrooney DA, Bowers DC, Sklar CA, Green DM, Donaldson SS, Oeffinger KC, Neglia JP, Meadows AT, Robison LL. High-risk populations identified in Childhood Cancer Survivor Study Investigations: Implications for risk-based surveillance. *J Clin Oncol*, 2009; 27(14): 2405-14.
120. Laverdiere C, Liu Q, Yasui Y, Nathan PC, Gurney JG, Stovall M, Diller LR, Cheung NK, Wolden S, Robison LL, Sklar CA. Long-term outcomes in survivors of Neuroblastoma: A report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2009; 101(16): 1131-40.
121. Janson C, Leisenring W, Cox C, Termuhlen AM, Mertens AC, Whitton JA, Goodman P, Zeltzer L, Robison LL, Krull KR, Kadan-Lottick NS. Predictors of marriage and divorce in adult survivors of childhood cancers: A report from the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*, 2009; 18(10): 2626-35.
122. Wasilewski-Masker K, Liu Q, Yasui Y, Leisenring W, Meacham LR, Hammond S, Meadows AT, Robison LL, Mertens AC. Late recurrence in pediatric cancer: A report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2009; 101(24): 1709-20.
123. Mulrooney DA, Yeazel MW, Kawashima T, Mertens AC, Mitby P, Stovall M, Donaldson SS, Green DM, Sklar CA, Robison LL, Leisenring WM. Cardiac outcomes in a cohort of adult survivors of childhood and adolescent cancer: Retrospective analysis of the Childhood Cancer Survivor Study cohort. *BMJ*, 2009; 339:b4606.
124. Recklitis CJ, Diller LR, Li X, Najita J, Robison LL, Zeltzer L. Suicide ideation in adult survivors of childhood cancer: a report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2010; 28(4): 655-61.
125. Lansdale M, Castellino S, Marina N, Goodman P, Hudson MM, Mertens AC, Smith SM, Leisenring W, Robison LL, Oeffinger KC. Knowledge of hepatitis C virus screening in long-term pediatric cancer survivors: a report from the Childhood Cancer Survivor Study. *Cancer*, 2010; 116(4): 974-82.
126. Goldsby RE, Liu Q, Nathan PC, Bowers DC, Yeaton-Massey A, Raber SH, Hill D, Armstrong GT, Yasui Y, Zeltzer L, Robison LL, Packer RJ. Late-occurring neurologic sequelae in adult survivors of childhood acute lymphoblastic leukemia: a report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2010; 28(2): 324-31.
127. Whelan KF, Stratton K, Kawashima T, Waterbor JW, Castleberry RP, Stovall M, Sklar CA, Packer RJ, Mitby P, Aitken CL, Blatt J, Robison LL, Mertens AC. Ocular late effects in childhood and adolescent cancer survivors: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2010; 54(1): 103-9.
128. Green DM, Kawashima T, Stovall M, Leisenring W, Sklar CA, Mertens AC, Donaldson SS, Byrne J, Robison LL. Fertility of male survivors of childhood cancer. A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2010; 28(2): 332-9.
129. 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; 19(1): 170-81.
130. Breslow NE, Lange JM, Friedman DL, Green DM, Hawkins MM, Murphy MF, Neglia JP, Olsen JH, Peterson SM, Stiller CA, Robison LL. Secondary Malignant Neoplasms after Wilms Tumor: An International Collaborative Study. *Int J Cancer*, 2010; 127(3): 657-66.
131. Kahalley LS, Robinson LA, Tyc VL, Hudson MM, Leisenring W, Stratton K, Zeltzer L, Mertens AC, Robison LL, Hinds PS. Attentional and executive dysfunction as predictors of smoking within the Childhood Cancer Survivor Study cohort. *Nicotine Tob Res*, 2010; 12(4): 344-54.
132. Krull KR, Huang S, Gurney JG, Klosky JL, Leisenring W, Termuhlen A, Ness KK, Kumar Srivastava D, Mertens A, Stovall M, Robison LL, Hudson MM. Adolescent behavior and adult health status in childhood cancer survivors. *J Cancer Surviv*, 2010; 4(3): 210-7.
133. Stuber ML, Meeske KA, Krull KR, Leisenring W, Stratton K, Kazak AE, Huber M, Zebrack B, Uijtdehaage SH, Mertens AC, Robison LL, Zeltzer LK. Prevalence and predictors of posttraumatic stress disorder in adult survivors of childhood cancer. *Pediatrics*, 2010; 125(5): e1124-34.

134. Kirchhoff AC, Leisenring W, Krull KR, Ness KK, Friedman DL, Armstrong GT, Stovall M, Park ER, Oeffinger KC, Hudson MM, Robison LL, Wickizer T. Unemployment among adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Med Care*, 2010; 48(11): 1015-25.
135. Kadan-Lottick NS, Zeltzer LK, Liu Q, Yasui Y, Ellenberg L, Gioia G, Robison LL, Krull KR. Neurocognitive functioning in adult survivors of childhood non-central nervous system cancers. *J Natl Cancer Inst*, 2010; 102(12): 881-93.
136. 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; 55(1): 165-70.
137. Signorello LB, Mulvihill JJ, Green DM, Munro HM, Stovall M, Weathers RE, Mertens AC, Whitton JA, Robison LL, Boice JD Jr. Stillbirth and neonatal death in relation to radiation exposure before conception: a retrospective cohort study. *Lancet*, 2010; 376(9741): 624-30.
138. Friedman DL, Whitton J, Leisenring W, Mertens AC, Hammond S, Stovall M, Donaldson SS, Meadows AT, Robison LL, Neglia JP. Subsequent neoplasms in 5-year survivors of childhood cancer: The Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2010; 102(14): 1083-95.
139. Smith SM, Ford JS, Rakowski W, Moskowitz CS, Diller L, Hudson MM, Mertens AC, Stanton AL, Henderson TO, Leisenring WM, Robison LL, Oeffinger KC. Inconsistent Mammography Perceptions and Practices Among Women at Risk of Breast Cancer Following a Pediatric Malignancy: A Report from the Childhood Cancer Survivor Study. *Cancer Causes Control*, 2010; 21(10): 1585-95.
140. Bhatti P, Veiga LH, Ronchers CM, Sigurdson AJ, Stovall M, Smith SA, Weathers R, Leisenring W, Mertens AC, Hammond S, Friedman DL, Neglia JP, Meadows AT, Donaldson SS, Sklar CA, Robison LL, Inskip PD. Risk of second primary thyroid cancer after radiotherapy for a childhood cancer in a large cohort study: An update from the Childhood Cancer Survivor Study. *Radiat Res*, 2010; 174(6): 741-52.
141. Nathan PC, Ness KK, Mahoney MC, Li Z, Hudson MM, Ford JS, Landier W, Stovall M, Armstrong GT, Henderson TO, Robison LL, Oeffinger KC. Screening and surveillance for second malignant neoplasms in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Ann Intern Med*, 2010; 153(7): 442-51.
142. 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; 102(16): 1272-83.
143. Armstrong GT, Jain N, Liu W, Merchant TE, Stovall M, Srivastava DK, Gurney JG, Packer RJ, Robison LL, Krull KR. Region-Specific Radiotherapy and Neuropsychological Outcomes in Adult Survivors of Childhood CNS Malignancies. *Neuro Oncol*, 2010; 12(11): 1173-86.
144. Armstrong GT, Stovall M, Robison LL. Long-Term Effects of Radiation Exposure among Adult Survivors of Childhood Cancer: Results from the Childhood Cancer Survivor Study. *Radiat Res*, 2010; 174(6): 840-50.
145. Armstrong GT. Long-term survivors of childhood central nervous system malignancies: The experience of the Childhood Cancer Survivor Study. *Eur J Paediatr Neurol*, 2010; 14(4): 298-303.
146. Nagarajan R, Kamruzzaman A, Ness KK, Marchese VG, Sklar C, Mertens A, Yasui Y, Robison LL, Marina N. Twenty years of follow-up of survivors of childhood osteosarcoma: A report from the Childhood Cancer Survivor Study. *Cancer*, 2011; 117(3): 625-34.
147. Montgomery M, Huang S, Cox CL, Leisenring WM, Oeffinger KC, Hudson MM, Ginsberg J, Armstrong GT, Robison LL, Ness KK. Physical therapy and chiropractic use among childhood cancer survivors with chronic disease: impact on health-related quality of life. *J Cancer Surviv*, 2011; 5(1): 73-81.
148. Casillas J, Castellino SM, Hudson MM, Mertens AC, Lima IS, Liu Q, Zeltzer LK, Yasui Y, Robison LL, Oeffinger KC. Impact of insurance type on survivor-focused and general preventive health care utilization in adult survivors of childhood cancer: The Childhood Cancer Survivor Study (CCSS). *Cancer*, 2011; 117(9): 1966-75.
149. Castellino SM, Geiger AM, Mertens AC, Leisenring WM, Tooze JA, Goodman P, Stovall M, Robison LL, Hudson MM. Morbidity and mortality in long-term survivors of Hodgkin lymphoma: A report from the Childhood Cancer Survivor Study. *Blood*, 2011; 117(6): 1806-16.

150. Kunin-Batson A, Kadan-Lottick N, Zhu L, Cox C, Bordes-Edgar V, Srivastava DK, Zeltzer L, Robison LL, Krull KR. Predictors of Independent Living Status in Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2011; 57(7): 1197-203.
151. Oeffinger KC, Hudson MM, Mertens AC, Smith SM, Mitby PA, Eshelman-Kent DA, Ford JS, Jones JK, Kamani S, Robison LL. Increasing rates of breast cancer and cardiac surveillance among high-risk survivors of childhood Hodgkin Lymphoma following a mailed, one-page survivorship care plan. *Pediatr Blood Cancer*, 2011; 56(5): 818-24.
152. Nottage K, Lancot J, Li Z, Neglia JP, Bhatia S, Hammond S, Leisenring W, Meadows A, Srivastava D, Robison LL, Armstrong GT. Long-term risk for subsequent leukemia after treatment for childhood cancer: A report from the Childhood Cancer Survivor Study. *Blood*, 2011; 117(23): 6315-8.
153. Zhu L, Sun J, Srivastava DK, Tong X, Leisenring W, Zhang H, Robison LL. Semiparametric transformation models for joint analysis of multivariate recurrent and terminal events. *Stat Med*, 2011, 30(25): 3010-23.
154. Goldsby R, Chen Y, Raber S, Li L, Diefenbach K, Shnorhavorian M, Kadan-Lottick N, Kastrinos F, Yasui Y, Stovall M, Oeffinger K, Sklar C, Armstrong GT, Robison LL, Diller L. Survivors of childhood cancer have increased risk of gastrointestinal complications later in life. *Gastroenterology*, 2011; 140(5): 1464-71.
155. Whelan K, Stratton K, Kawashima T, Leisenring W, Hayashi S, Waterbor J, Blatt J, Sklar CA, Packer R, Mitby P, Robison LL, Mertens AC. Auditory complications in childhood cancer survivors: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2011; 57(1): 126-34.
156. Green DM, Nolan VG, Kawashima T, Stovall M, Donaldson SS, Srivastava D, Leisenring W, Robison LL, Sklar CA. Decreased fertility among female childhood cancer survivors who received 22-27 Gy hypothalamic/pituitary irradiation: A report from the Childhood Cancer Survivor Study. *Fertil Steril*, 2011; 95(6): 1922-7.
157. Termuhlen AM, Tersak JM, Liu Q, Yasui Y, Stovall M, Weathers R, Deutsch M, Sklar CA, Oeffinger KC, Armstrong G, Robison LL, Green DM. Twenty-five year follow-up of childhood Wilms tumor: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2011; 57(7): 1210-6.
158. Krull KR, Annett RD, Pan Z, Ness KK, Nathan PC, Srivastava DK, Stovall M, Robison LL, Hudson MM. Neurocognitive functioning and health-related behaviours in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Eur J Cancer*, 2011; 47(9): 1380-8
159. Clanton NR, Klosky JL, Li C, Jain N, Srivastava DK, Mulrooney D, Zeltzer L, Stovall M, Robison LL, Krull KR. Fatigue, vitality, sleep and neurocognitive functioning in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Cancer*, 2011; 117(11): 2559-68.
160. Buchbinder D, Casillas J, Krull KR, Goodman P, Leisenring W, Recklitis C, Alderfer MA, Robison LL, Armstrong GT, Kunin-Batson A, Stuber M, Zeltzer LK. Psychological outcomes of siblings of cancer survivors: A report from the Childhood Cancer Survivor Study. *Psychooncology*, 2011; 20(12): 1259-68.
161. Stuber ML, Meeske KA, Leisenring W, Stratton K, Zeltzer LK, Dawson K, Kazak AE, Zebrack B, Mertens AC, Robison LL, Krull KR. Defining medical posttraumatic stress among young adult survivors in the Childhood Cancer Survivor Study. *Gen Hosp Psychiatry*, 2011; 33(4): 347-53
162. Best T, Li D, Skol AD, Kirchhoff T, Jackson SA, Yasui Y, Bhatia S, Strong LC, Domcheck SM, Nathanson KL, Olopade OI, Huang RS, Mack TM, Conti DV, Offit K, Cozen W, Robison LL, Onel K. Variants at 6q21 implicated *PRDM1* in the etiology of therapy-induced second malignancies after Hodgkin's lymphoma. *Nat Med*, 2011; 17(8): 941-3.
163. Armstrong GT, Liu W, Leisenring W, Yasui Y, Hammond S, Bhatia S, Neglia JP, Stovall M, Srivastava D, Robison LL. Occurrence of multiple subsequent neoplasms in long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2011; 29(22): 3056-3064.
164. Armenian SH, Sun CL, Kawashima T, Arora M, Leisenring W, Sklar CA, Baker KS, Francisco L, Teh JB, Mills G, Wong FL, Rosenthal J, Diller LR, Hudson MM, Oeffinger KC, Forman SJ, Robison LL, Bhatia S. Long-term health-related outcomes in survivors of childhood cancer treated with HSCT versus conventional therapy: A report from the Bone Marrow Transplant Survivor Study (BMTSS) and the Childhood Cancer Survivor Study (CCSS). *Blood*, 2011; 118(5): 1413-20.

165. Kirchhoff AC, Krull KR, Ness KK, Armstrong GT, Park ER, Stovall M, Robison LL, Leisenring W. Physical, mental and neurocognitive status and employment outcomes in the Childhood Cancer Survivor Study cohort. *Cancer Epidemiol Biomarkers Prev*, 2011; 20(9): 1838-49.
166. Lu Q, Krull KR, Leisenring W, Owen JE, Kawashima T, Tsao JC, Zebrack B, Mertens A, Armstrong GT, Stovall M, Robison LL, Zeltzer LK. Pain in long-term adult survivors of childhood cancers and their siblings: A report from the Childhood Cancer Survivor Study. *Pain*, 2011; 152(11): 2616-24.
167. Kirchhoff AC, Krull KR, Ness KK, Park ER, Oeffinger KC, Hudson MM, Stovall M, Robison LL, Wickizer T, Leisenring W. Occupational outcomes of adult childhood cancer survivors: A report from the Childhood Cancer Survivor Study. *Cancer*, 2011; 117(13): 3033-44.
168. Cox CL, Zhu L, Finnegan L, Steen BD, Hudson MM, Robison LL, Oeffinger KC. Survivor profiles predict health behavior intent: The Childhood Cancer Survivor Study. *Psychooncology*, 2012; 21(5): 469-78.
169. Wampler MA, Galatino ML, Huang S, Gilchrist LS, Marchese VG, Morris GS, Scalzitti DA, Hudson MM, Oeffinger KC, Stovall M, Leisenring WM, Armstrong GT, Robison LL, Ness KK. Physical activity among adult survivors of childhood lowerextremity sarcoma. *J Cancer Surviv*, 2012; 6(1): 45-53.
170. DuBois SG, Goldsby R, Segal M, Woo J, Copren K, Kane JP, Pullinger CR, Matthay KK, Witte J, Lessnick SL, Robison LL, Bhatia S, Strong LC. Evaluation of polymorphisms in EWSR1 and risk of Ewing sarcoma: A report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2012; 59(1): 52-6.
171. 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. *Pediatr Blood Cancer*, 2012; 59(1): 126-32.
172. Signorello LB, Mulvihill JJ, Green DM, Munro HM, Stovall M, Weathers RE, Mertens AC, Whitton JA, Robison LL, Boice JD Jr. Congenital anomalies in the children of cancer survivors: A report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2012; 30(3): 239-45.
173. Green DM, Cox CL, Zhu L, Krull KR, Srivastava DK, Stovall M, Nolan VG, Ness KK, Donaldson SS, Oeffinger KC, Meacham LR, Sklar CA, Armstrong GT, Robison LL. Risk Factors for Obesity in Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2012; 30(3): 246-55.
174. Veiga LH, Bhatti P, Ronckers CM, Sigurdson AJ, Stovall M, Smith SA, Weathers R, Leisenring W, Mertens AC, Hammond S, Neglia JP, Meadows AT, Donaldson SS, Sklar CA, Friedman DL, Robison LL, Inskip PD. Chemotherapy and thyroid cancer risk: A report from the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*, 2012; 21(1): 92-101.
175. Cozen W, Li D, Best T, Van Den Berg DJ, Gourraud PA, Cortessis VK, Skol AD, Mack TM, Glaser SL, Weiss LM, Nathwani BN, Bhatia S, Schumacher FR, Edlund CK, Hwang AE, Slager SL, Fredericksen ZS, Strong LC, Habermann TM, Link BK, Cerhan JR, Robison LL, Conti DV, Onel K. A genome-wide meta-analysis of Nodular Sclerosing Hodgkin Lymphoma identifies risk loci at 6p21.32. *Blood*, 2012; 119(2): 469-75.
176. Klosky JL, Howell CR, Li Z, Foster RH, Mertens AC, Robison LL, Ness KK. Risky health behavior among adolescents in the Childhood Cancer Survivor Study cohort. *J Pediatr Psychol*, 2012; 37(6): 634-46.
177. Kahalley LS, Robinson LA, Tyc VL, Hudson MM, Leisenring W, Stratton K, Mertens AC, Zeltzer L, Robison LL, Hinds PS. Risk factors for smoking among adolescent survivors of childhood cancer: A report from the Childhood Cancer Survivorship Study. *Pediatr Blood Cancer*, 2012; 58(3): 428-434.
178. Wilson CL, Dille 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 Childhood Cancer Survivor Study. *Cancer*, 2012; 118(23): 5920-8.
179. Park ER, Kirchhoff AC, Zallen JP, Weissman JP, Pajolek H, Mertens AC, Armstrong GT, Robison LL, Donelan K, Recklitis CJ, Diller LR, Kuhlthau KA. Childhood Cancer Survivor Study participants' perceptions and knowledge of health insurance coverage: Implications for Affordable Care Act. *J Cancer Surviv*, 2012; 6(3): 251-9.

180. Buchbinder D, Mertens AC, Zeltzer LK, Leisenring W, Goodman P, Lown EA, Alderfer MA, Recklitis C, Oeffinger K, Armstrong GT, Hudson M, Robison LL, Casillas J. Cancer Prevention and Screening Practices of Siblings of Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*, 2012; 21(7): 1078-88.
181. Kinahan KE, Sharp LK, Seidel K, Leisenring W, Didwania A, Lacouture ME, Stovall M, Haryani A, Robison LL, Krull KR. Scarring, disfigurement and quality of life in long-term survivors of childhood cancer: A Report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2012; 30(20): 2466-74.
182. Henderson TO, Oeffinger KC, Whitton J, Leisenring W, Neglia J, Meadows A, Crotty C, Dubin DT, Diller L, Inskip P, Smith SA, Stovall M, Constine LS, Hammond S, Armstrong GT, Robison LL, Nathan PC. Secondary Gastrointestinal Cancer in Childhood Cancer Survivors: A Cohort Study. *Ann Intern Med*, 2012; 156(11): 757-66.
183. Brackett J, Krull KR, Scheurer ME, Liu W, Srivastava DK, Stovall M, Merchant TE, Packer RJ, Robison LL, Okcu MF. Antioxidant Enzyme Polymorphisms and Neuropsychological Outcomes in Medulloblastoma Survivors: A Report from the Childhood Cancer Survivor Study. *Neuro Oncol*, 2012; 14(8): 1018-25.
184. Watt TC, Inskip PD, Stratton K, Smith SA, Kry SF, Sigurdson AJ, Stovall M, Leisenring W, Robison LL, Mertens AC. Radiation-Related Risk of Basal Cell Carcinoma: A Report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2012; 104(16): 1240-50.
185. Henderson TO, Rajaraman P, Stovall M, Constine LS, Olive A, Smith SA, Mertens A, Meadows A, Neglia JP, Hammond S, Whitton J, Inskip PD, Robison LL, Diller L. Risk factors associated with secondary sarcomas in Childhood Cancer Survivors: A report from the Childhood Cancer Survivor Study. *Int J Radiat Oncol Bio Phys*, 2012; 84(1): 224-30.
186. Zebrack BJ, Stuber ML, Meeske KA, Phipps S, Krull KR, Liu Q, Yasui Y, Parry C, Hamilton R, Robison LL, Zeltzer LK. Perceived positive impact of cancer among long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *Psychooncology*, 2012; 21(6): 630-9.
187. Cox CL, Zhu L, Hudson MM, Steen BD, Robison LL, Oeffinger KC. Survivor Typologies Predict Medical Surveillance Participation: The Childhood Cancer Survivor Study. *Psychooncology*, 2013; 22(7): 1534-42.
188. Lown EA, Mertens AC, Korcha RA, Leisenring W, Hudson MM, Greenfield TK, Robison LL, Zeltzer LK. Prevalence and Predictors of Risky and Heavy Alcohol Consumption Among Adult Siblings of Childhood Cancer Survivors. *Psychooncology*, 2013; 22(5): 1134-43.
189. Zhu L, Tong X, Zhao H, Sun J, Srivastava DK, Leisenring W, Robison LL. Statistical analysis of mixed recurrent event data with application to cancer survivor study. *Stat Med*, 2013; 32(11): 1954-63.
190. Cox CL, Sherrill-Mittleman DA, Riley BB, Hudson MM, Williams LJ, Leisenring WM, Zacher MG, Robison LL. Development of a comprehensive health-related needs assessment for adult survivors of childhood cancer. *J Cancer Surviv*, 2013; 7(1): 1-19.
191. Boukheris H, Stovall M, Gilbert ES, Stratton KL, Smith SA, Weathers R, Hammond S, Mertens AC, Donaldson SS, Armstrong GT, Robison LL, Neglia JP, Inskip PD. Risk of Salivary Gland Cancer After Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Int J Radiat Oncol Biol Phys*, 2013; 85(3): 776-83.
192. Brinkman TM, Ullrich NJ, Zhang N, Green DM, Zeltzer LK, Lommel KM, Brouwers P, Srivastava DK, Jain N, Robison LL, Krull KR. Prevalence and predictors of prescription psychoactive medication use in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. *J Cancer Surviv*, 2013; 7(1): 104-14.
193. Wilson CL, Ness KK, Neglia JP, Hammond S, Shnorhavorian M, Leisenring WL, Stovall M, Robison LL, Armstrong GT. Renal Carcinoma After Childhood Cancer: A Report From the Childhood Cancer Survivor Study. *J Natl Cancer Inst*, 2013; 105(7): 504-8.
194. Klosky JL, Hum AM, Zhang N, Ali KS, Srivastava DK, Klesges RC, Emmons KM, Ness KK, Stovall M, Robison LL, Hudson MM. Smokeless and dual tobacco use among males surviving childhood cancer: A Report from the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*, 2013; 22(6): 1025-9.
195. Marina N, Hudson MM, Jones KE, Mulrooney DA, Avedian R, Donaldson SS, Popat R, West DW, Fisher P, Leisenring W, Stovall M, Robison LL, Ness KK. Changes in health status among aging survivors of pediatric upper and lower extremity sarcoma: A Report from the Childhood Cancer Survivor Study. *Arch Phys Med Rehabil*, 2013; 94(6): 1062-73.

196. Chow EJ, Liu W, Srivastava K, Leisenring WM, Hayashi RJ, Sklar CA, Stovall M, Robison LL, Baker KS. Differential effects of radiotherapy on growth and endocrine function among acute leukemia survivors: A Childhood Cancer Survivor Study report. *Pediatr Blood Cancer*, 2013; 60(1): 110-5.
197. Kirchhoff AC, Kuhlthau K, Pajolek H, Leisenring W, Armstrong GT, Robison LL, Park ER. Employer-Sponsored Health Insurance Coverage Limitations: Results from the Childhood Cancer Survivor Study. *Support Care Cancer*, 2013; 21(2): 377-83.
198. Pappo AS, Armstrong GT, Liu W, Srivastava DK, McDonald A, Leisenring WM, Hammond S, Stovall M, Neglia JP, Robison LL. Melanoma as a subsequent neoplasm in adult survivors of childhood cancer: A Report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2013; 60(3): 461-6.
199. Brinkman TM, Zhang N, Ullrich NJ, Brouwers P, Green DM, Srivastava DK, Zeltzer LK, Stovall M, Robison LL, Krull KR. Psychoactive medication use and neurocognitive function in adult survivors of childhood cancer: A Report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2013; 60(3): 486-93.
200. Kovalchik SA, Ronckers CM, Veiga LH, Sigurdson AJ, Inskip PD, de Vathaire F, Sklar CA, Donaldson SS, Anderson H, Bhatti P, Hammond S, Leisenring WM, Mertens AC, Smith SA, Stovall M, Tucker MA, Weathers RE, Robison LL, Pfeiffer R. Absolute risk prediction of second primary thyroid cancer among 5-year survivors of childhood cancer. *J Clin Oncol*, 2013; 31(1): 119-27.
201. Steele JR, Wall M, Salkowski N, Mitby P, Kawashima T, Yeazel MW, Hudson MM, Robison LL, Mertens AC. Predictors of Risk-based Medical Follow-up: A Report from the Childhood Cancer Survivor Study. *J Cancer Surviv*, 2013; 7(3): 379-91.
202. Mueller S, Fullerton HJ, Stratton K, Leisenring W, Weathers RE, Stovall M, Armstrong GT, Goldsby RE, Packer RJ, Sklar CA, Bowers DC, Robison LL, Krull KR. Radiation, atherosclerotic risk factors, and stroke risk in survivors of pediatric cancer: A Report from the Childhood Cancer Survivor Study. *Int J Radiat Oncol Biol Phys*, 2013; 86(4): 649-55.
203. Barton SE, Najita JS, Ginsburg ES, Leisenring WM, Stovall M, Weathers RE, Sklar CA, Robison LL, Diller L. Infertility, Infertility Treatment, and Achievement of Pregnancy in Female Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study Cohort. *Lancet Oncol*, 2013; 14(9): 873-81.
204. Armstrong GT, Oeffinger KC, Chen Y, Kawashima T, Yasui Y, Leisenring W, Stovall M, Chow EJ, Sklar CA, Mulrooney DA, Mertens AC, Border W, Durand JB, Robison LL, Meacham L. Modifiable Risk Factors and Major Cardiac Events Among Adult Survivors of Childhood Cancer. *J Clin Oncol*, 2013; 31(29): 3673-80.
205. Brinkman TM, Zhu L, Zeltzer LK, Recklitis CJ, Kimberg C, Zhang N, Muriel AC, Stovall M, Srivastava DK, Robison LL, Krull KR. Longitudinal Patterns of Psychological Distress in Adult Survivors of Childhood Cancer. *Br J Cancer*, 2013; 109(5): 1373-81.
206. Tong X, Zhu L, Leng C, Leisenring W, Robison LL. A General Semiparametric Hazards Regression Model: Efficient Estimation and Structure Selection. *Stat Med*, 2013; 32(28): 4980-94.
207. Klosky JL, Foster RH, Li Z, Peasant C, Howell CR, Mertens AC, Robison LL, Ness KK. Risky Sexual Behavior in Adolescent Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Health Psychol*, 2014; 33(8): 868-77.
208. Armstrong GT, Kawashima T, Leisenring W, Stratton K, Stovall M, Hudson MM, Sklar CA, Robison LL, Oeffinger KC. Aging and Risk of Severe, Disabling, Life-Threatening, and Fatal Events in the Childhood Cancer Survivor Study. *J Clin Oncol*, 2014; 32(12): 1218-27.
209. Patterson BC, Chen Y, Sklar CA, Neglia J, Yasui Y, Mertens A, Armstrong GT, Meadows A, Stovall M, Robison LL, Meacham LR. Growth hormone exposure as a risk factor for the development of subsequent neoplasms of the central nervous system: A Report from the Childhood Cancer Survivor Study. *J Clin Endocrinol Metab*, 2014; 99(6): 2030-7.
210. Mertens AC, Brand S, Ness KK, Li Z, Mitby PA, Riley A, Patenaude AF, Zeltzer L. Health and Well-Being in Adolescent Survivors of Early Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Psychooncology*, 2014; 23(3): 266-75.

211. Gramatges MM, Liu Q, Yasui Y, Okcu MF, Neglia JP, Strong LC, Armstrong GT, Robison LL, Bhatia S. Telomere Content and Risk of Second Malignant Neoplasm in Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Clin Cancer Res*, 2014; 20(4): 904-11.
212. Green DM, Nolan VG, Goodman PJ, Whitton JA, Srivastava D, Leisenring WM, Neglia JP, Sklar CA, Kaste SC, Hudson MM, Diller LR, Stovall M, Donaldson SS, Robison LL. The Cyclophosphamide Equivalent Dose as an Approach for Quantifying Alkylating Agent Exposure: A Report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2014; 61(1): 53-67.
213. Huang TT, Chen Y, Dietz AC, Yasui Y, Donaldson SS, Stokes DC, Stovall M, Leisenring WM, Sklar CA, Diller LR, Mertens AC, Armstrong GT, Green DM, Robison LL, Ness KK. Pulmonary Outcomes in Survivors of Childhood Central Nervous System Malignancies: A Report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*, 2014; 61(2): 319-25.
214. Klosky JL, Krull KR, Kawashima T, Leisenring W, Randolph ME, Zebrack B, Stuber ML, Robison LL, Phipps S. Relations between Posttraumatic Stress and Posttraumatic Growth in Long-Term Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Health Psychol*, 2014; 33(8): 878-82.
215. Brinkman TM, Zhang N, Recklitis CJ, Kimberg C, Zeltzer LK, Muriel AC, Stovall M, Srivastava DK, Sklar CA, Robison LL, Krull KR. Suicide ideation and associated mortality in adult survivors of childhood cancer. *Cancer*, 2014; 120(2): 271-7.
216. Schultz KA, Chen L, Chen Z, Kawashima T, Oeffinger KC, Woods WG, Nicholson HS, Neglia JP. Health Conditions and Quality of Life in Survivors of Childhood Acute Myeloid Leukemia Comparing Post Remission Chemotherapy to BMT: A Report from the Children's Oncology Group. *Pediatr Blood Cancer*, 2014; 61(4): 729-36.
217. Perkins JL, Chen Y, Harris A, Diller L, Stovall M, Armstrong GT, Yasui Y, Robison LL, Sklar CA. Infections Among Long-Term Survivors of Childhood and Adolescent Cancer: A Report from the Childhood Cancer Survivor Study. *Cancer*, 2014; 120(16): 2514-21.
218. Nolan VG, Krull KR, Gurney JG, Leisenring W, Robison LL, Ness KK. Predictors of Future Health-Related Quality of Life in Survivors of Adolescent Cancer. *Pediatr Blood Cancer*, 2014; 61(10): 1891-4.
219. Moskowitz CS, Chou JF, Wolden SL, Bernstein JL, Malhotra J, Novetsky Friedman D, Mubdi NZ, Leisenring WM, Stovall M, Hammond S, Smith SA, Henderson TO, Boice JD, Hudson MM, Diller LR, Bhatia S, Kenney LB, Neglia JP, Begg CB, Robison LL, Oeffinger KC. Breast Cancer After Chest Radiation Therapy for Childhood Cancer. *J Clin Oncol*, 2014; 32(21): 2217-23.
220. Cox CL, Nolan VG, Leisenring W, Yasui Y, Ogg SW, Mertens AC, Neglia JP, Ness KK, Armstrong GT, Robison LL. Noncancer-Related Mortality Risks in Adult Survivors of Pediatric Malignancies: The Childhood Cancer Survivor Study. *J Cancer Surviv*, 2014; 8(3): 460-71.
221. Wong FL, Bhatia S, Landier W, Francisco L, Leisenring W, Hudson MM, Armstrong GT, Mertens A, Stovall M, Robison LL, Lyman GH, Lipshultz SE, Armenian SH. Cost-Effectiveness of the Children's Oncology Group Long-Term Follow-up Screening Guidelines for Childhood Cancer Survivors at Risk for Treatment-Related Heart Failure. *Ann Intern Med*, 2014; 160(10): 672-83.
222. Wasilewski-Masker K, Seidel KD, Leisenring W, Mertens AC, Shnorhavorian M, Ritenour CW, Stovall M, Green DM, Sklar CA, Armstrong GT, Robison LL, Meacham LR. Male Infertility in Long-Term Survivors of Pediatric Cancer: A Report from the Childhood Cancer Survivor Study. *J Cancer Surviv*, 2014; 8(3): 437-47.
223. Zhu L, Tong X, Sun J, Chen M, Srivastava DK, Leisenring W, Robison LL. Regression Analysis of Mixed Recurrent-Event and Panel-Count Data. *Biostatistics*, 2014; 15(3): 555-68.
224. Cozen W, Timofeeva MN, Li D, Diepstra A, Hazelett D, Delahaye-Sourdeix M, Edlund CK, Franke L, Rostgaard K, Van Den Berg DJ, Cortessis VK, Smedby KE, Glaser SL, Westra HJ, Robison LL, Mack TM, Ghesquieres H, Hwang AE, Nieters A, de Sanjose S, Lightfoot T, Becker N, Maynadie M, Foretova L, Roman E, Benavente Y, Rand KA, Nathwani BN, Glimelius B, Staines A, Boffetta P, Link BK, Kiemeny L, Ansell SM, Bhatia S, Strong LC, Galan P, Vatten L, Habermann TM, Duell EJ, Lake A, Veenstra RN, Visser L, Liu Y, Urayama KY, Montgomery D, Gaborieau V, Weiss LM, Byrnes G, Lathrop M, Cocco P, Best T, Skol AD, Adami HO, Melbye M, Cerhan JR, Gallagher A, Taylor GM, Slager SL, Brennan P, Coetzee GA, Conti DV, Onel K, Jarrett RF, Hjalgrim H, van den Berg A, McKay JD. A Meta-Analysis of Hodgkin Lymphoma Reveals 19p13.3 *TCF3* as a Novel Susceptibility Locus. *Nat Commun*, 2014; 5: 3856.

225. Wilson CL, Stratton K, Leisenring WM, Oeffinger KC, Nathan PC, Wasilewski-Masker K, Hudson MM, Castellino SM, Stovall M, Armstrong GT, Brinkman TM, Krull KR, Robison LL, Ness KK. Decline in Physical Activity Level in the Childhood Cancer Survivor Study cohort. *Cancer Epidemiol Biomarkers Prev*, 2014; 23(8): 1619-27.
226. Ford JS, Kawashima T, Whitton J, Leisenring W, Laverdiere C, Stovall M, Zeltzer L, Robison LL, Sklar CA. Psychosexual Functioning Among Adult Female Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2014; 32(28): 3126-36.
227. Mertens AC, Liu W, Ness KK, McDonald A, Hudson MM, Wasilewski-Masker K, Bhatia S, Nathan PC, Leonard M, Srivastava K, Robison LL, Green DM. Factors Associated with Recruiting Adult Survivors of Childhood Cancer into Clinic-Based Research. *Pediatr Blood Cancer*, 2014; 61(10): 1846-51.
228. Essig S, Li Q, Chen Y, Hitzler J, Leisenring W, Greenberg M, Sklar C, Hudson MM, Armstrong GT, Krull KR, Neglia JP, Oeffinger KC, Robison LL, Kuehni CE, Yasui Y, Nathan PC. Risk of Late Effects of Treatment in Children Newly Diagnosed with Standard-Risk Acute Lymphoblastic Leukaemia: A Report from the Childhood Cancer Survivor Study Cohort. *Lancet Oncol*, 2014; 15(8): 841-51.
229. Jones LW, Liu Q, Armstrong GT, Ness KK, Yasui Y, Devine K, Tonorezos E, Soares-Miranda L, Sklar CA, Douglas PS, Robison LL, Oeffinger KC. Exercise and Risk of Major Cardiovascular Events in Adult Survivors of Childhood Hodgkin Lymphoma: A Report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2014; 32(32): 3643-50.
230. Hudson MM, Leisenring W, Stratton KK, Tinner N, Steen BD, Ogg S, Barnes L, Oeffinger KC, Robison LL, Cox CL. Increasing Cardiomyopathy Screening in At-Risk Adult Survivors of Pediatric Malignancies: A Randomized Controlled Trial. *J Clin Oncol*, 2014; 32(35): 3974-81.
231. Tsui K, Gajjar A, Li C, Srivastava D, Broniscer A, Wetmore C, Kun LE, Merchant TE, Ellison DW, Orr BA, Boop FA, Klimo P, Ross J, Robison LL, Armstrong GT. Subsequent Neoplasms in Survivors of Childhood Central Nervous System Tumors: Risk After Modern Multimodal Therapy. *Neuro Oncol*, Epub Nov 13, 2014.
232. Yang X, Killian K, Hammond S, Burke L, Wang Y, Davis S, Strong L, Neglia J, Stovall M, Robison L, Mabuchi K, Inskip P, Meltzer P. Characterization of Genomic Alterations in Radiation-related Breast Cancer Among Childhood Cancer Survivors using Comparative Genomic Hybridization Arrays. *PLOS ONE*, 2014 (In Press).
233. Armstrong GT, Ross JD. Late Cardiotoxicity in Aging Adult Survivors of Childhood Cancer. *Progress in Pediatr Cardiol*, 2014 (In Press).
234. Klesges RC, Krukowski RA, Klosky JL, Liu W, Srivastava DK, Boyett JM, Lanctot JQ, Hudson MM, Folsom C, Robison LL. Efficacy of a Tobacco Quitline among Adult Survivors of Childhood Cancer. *Nicotine Tob Res*, Epub Oct 21, 2014.
235. Gawade PL, Oeffinger KC, Sklar CA, Green DM, Krull KR, Chemaitilly W, Stovall M, Leisenring W, Armstrong GT, Robison LL, Ness KK. Lifestyle, Distress and Pregnancy Outcomes in the Childhood Cancer Survivor Cohort. *Am J Obstet Gynecol*, 2015; 212(1):47.e1-10.
236. Chow EJ, Chen Y, Kremer LC, Breslow NE, Hudson MM, Armstrong GT, Border WL, Feijen EA, Green DM, Meacham LR, Meeske KA, Mulrooney DA, Ness KK, Oeffinger KC, Sklar CA, Stovall M, van der Pal HJ, Weathers RE, Robison LL, Yasui Y. Individual Prediction of Heart Failure Among Childhood Cancer Survivors. *J Clin Oncol*, 2015; 33(5): 394-402.
237. Zhu L, Zhao H, Sun J, Leisenring W, Robison LL. Regression Analysis of Mixed Recurrent-Event and Panel-Count Data with Additive Rate Models. *Biometrics*, 2015; 71(1): 71-9.
238. Kenzik KM, Huang IC, Brinkman TM, Baughman B, Ness KK, Shenkman EA, Hudson MM, Robison LL, Krull KR. The Childhood Cancer Survivor Study-Neurocognitive Questionnaire (CCSS-NCQ) Revised: Item Response Analysis and Concurrent Validity. *Neuropsychology*, 2015; 29(1): 31-44.
239. Dong H, Robison LL, Leisenring WM, Martin LJ, Armstrong GT, Yasui Y. Estimating the Burden of Recurrent Events in the Presence of Competing Risks: The Method of Mean Cumulative Count. *Am J Epidemiol*, 2015; 181(7): 532-40.
240. Hudson MM, Oeffinger KC, Jones K, Brinkman TM, Krull KR, Mulrooney DA, Mertens A, Castellino SM, Casillas J, Gurney JG, Nathan PC, Leisenring W, Robison LL, Ness KK. Age-Dependent Changes in Health Status in the Childhood Cancer Survivor Cohort. *J Clin Oncol*, 2015; 33(5): 479-91.

241. Mertens AC, Yong J, Dietz AC, Kreiter E, Yasui Y, Bleyer A, Armstrong GT, Robison LL, Wasilewski-Masker K. Conditional Survival in Pediatric Malignancies: Analysis of Data from the Childhood Cancer Survivor Study and the Surveillance, Epidemiology and End Results Program. *Cancer*, 2015; 121(7): 1108-17.
242. Park ER, Kirchhoff AC, Perez GK, Leisenring W, Weissman JS, Donelan K, Mertens AC, Reschovsky JD, Armstrong GT, Robison LL, Franklin M, Hyland KA, Diller LR, Recklitis CJ, Kuhlthau KA. Childhood Cancer Survivor Study Participants' Perceptions and Understanding of the Affordable Care Act. *J Clin Oncol*, 2015; 33(7): 764-72.
243. Casillas J, Oeffinger KC, Hudson MM, Greenberg ML, Yeazel MW, Ness KK, Henderson TO, Robison LL, Armstrong GT, Liu Q, Leisenring W, Yasui Y, Nathan PC. Identifying Predictors of Longitudinal Decline in the Level of Medical Care Received by Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Health Serv Res*, Epub Jan 20, 2015.
244. Daniel CL, Kohler CL, Stratton KL, Oeffinger KC, Leisenring WM, Waterbor JW, Whelan KF, Armstrong GT, Henderson TO, Krull KR, Robison LL, Nathan PC. Predictors of Colorectal Cancer Surveillance among Childhood Cancer Treated with Radiation: A Report from the Childhood Cancer Survivor Study. *Cancer*, Epub Feb 3, 2015.
245. Bhatia S, Armenian SH, Armstrong GT, Broeder EVD, Hawkins M, Kremer LCM, Keuhni CE, Olsen JH, Robison LL, Hudson MM. Collaborative Research in Childhood Cancer Survivorship – the Current Landscape. *J Clin Oncol*, 2015 (In Press).
246. Phillips SM, Padgett LS, Leisenring WM, Stratton KK, Bishop K, Krull KR, Alfano CM, Gibson TM, de Moor JS, Hartigan DB, Armstrong GT, Robison LL, Rowland JH, Oeffinger KC, Mariotto AB. Survivors of Childhood Cancer in the United States: Prevalence and Burden of Morbidity. *Cancer Epidemiol Biomarkers Prev*, 2015, 24(4): 653-63.
247. Kirchhoff AC, Parsons HM, Kuhlthau KA, Leisenring W, Donelan K, Warner EL, Armstrong GT, Robison LL, Oeffinger KC, Park ER. Supplemental Security Income and Social Security Disability Insurance Coverage among Long-Term Childhood Cancer Survivors. *J Natl Cancer Inst*, 2015; 107(6).
248. Daniel CL, Armstrong GT, Keske RR, Davine JA, McDonald AJ, Sprunck-Harrild KM, Coleman C, Haneuse SJ, Mertens AC, Emmons KM, Marghoob AA, Elkin EB, Dusza SW, Robison LL, Geller AC. Advancing Survivors' Knowledge (ASK) about Skin Cancer Study: Study Protocol for a Randomized Controlled Trial. *Trials*, 2015, 16(1): 109.
249. Prasad PK, Hardy KK, Zhang N, Edelstein K, Srivastava DK, Zeltzer L, Stovall M, Seibel NL, Leisenring W, Armstrong GT, Robison LL, Krull K. Psychosocial and Neurocognitive Outcomes in Adult Survivors of Adolescent and Early Young Adult Cancer: A Report from the Childhood Cancer Survivor Study. *J Clin Oncol*, 2015 (In Press).
250. de Blank P, 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 Central Nervous System Astroglial Tumors. *Cancer*, 2015 (In Press).
251. Turcotte LM, Whitton J, Friedman DL, Hammond S, Armstrong GT, Leisenring W, Robison LL, Neglia JP. Risk of Subsequent Neoplasms in the Fifth and Sixth Decades of Life in the Childhood Cancer Survivor Study Cohort. *J Clin Oncol*, 2015 (In Press).

Manuscripts Submitted for Publication

1. Buchbinder D, Oeffinger K, Franco-Villalobos C, Yasui Y, Alderfer MA, Armstrong GT, Casillas J, Ford J, Krull KR, Leisenring W, Recklitis C, Robison LL, Zeltzer LK, Lown EA. Tobacco Use Behaviors of Siblings of Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study. Submitted
2. Dagnali CL, Morton LM, Hicks BD, Zhou W, Jacobs KB, Deng Z, Hutchinson AA, Escobar H, Blake S, Sanderson BW, Kingham BF, Nicolet CM, Sampson JN, Robison LL, Armstrong GT, Bhatia S, Radloff GA, Davies SM, Teshome K, Chowdhury S, Lashley KS, Cook MB, Tucker MA, Yeager M, Chanock SJ. Evaluation of Whole Genome Amplified DNA and Reduced Genomic DNA for High Performance of Commercial SNP Microarrays. Submitted
3. Devine KA, Mertens AC, Whitton JA, Wilson CL, Ness KK, Gilleland J, Leisenring W, Armstrong GT, Oeffinger KC, Robison LL, Krull KR. Psychological Functioning and Physical Activity Among Adolescent-Aged Survivors of Early Childhood Cancer: A Report from the Childhood Cancer Survivor Study (CCSS). Submitted
4. Feijen EAM, Leisenring WM, Stratton KL, Ness KK, Van der Pal HJH, Caron HN, Armstrong GT, Green DM, Hudson MM, Oeffinger KC, Robison LL, Stovall M, Kremer LCM, Chow EJ. Equivalence ratio for daunorubicin to doxorubicin in relation to late heart failure in childhood cancer survivors. Submitted
5. Gibson TM, Armstrong GT, Srivastava K, Hudson MM, Leisenring WM, Mertens AC, Kleges RC, Oeffinger KC, Nathan PC, Robison LL. Longitudinal Smoking Patterns in Survivors of Childhood Cancer: An Update from the Childhood Cancer Survivor Study. Submitted
6. Grünwald TGP, Bernard V, Gilardi-Hebenstreit P, Raynal V, Surdez D, Aynaud MM, Mirabeau O, Cidre-Aranaz F, Tirode F, Zaidi S, Perot G, Jonker AH, Lucchesi C, Le Deley MC, Oberlin O, Marec-Bérard P, Véron AS, Reynaud S, Lapouble E, Boeva V, Frio TR, Alonso J, Bhatia S, Pierron G, Cancel-Tassin G, Cussenot O, Cox DG, Morton LM, Machiela MJ, Chanock SJ, Charnay P, Delattre O. Chimeric oncogene regulates the *EGR2* sarcoma susceptibility gene via a GGAA-microsatellite. Submitted
7. Fullerton HJ, Stratton K, Mueller S, Leisenring W, Armstrong GT, Weathers RE, Stovall M, Sklar CA, Goldsby RE, Robison LL, Krull KR. Recurrent Stroke in Childhood Cancer Survivors. Submitted
8. Henderson TO, Moskowitz CS, Chou JF, Bradbury A, Neglia JP, Dang C, Onel K, Novetsky Friedman D, Bhatia S, Strong L, Stovall M, Kenney LB, Barnea D, Lorenzi E, Hammond S, Leisenring WM, Robison LL, Armstrong GT, Diller L, Oeffinger KC. Breast Cancer Risk in Childhood Cancer Survivors Without a History of Chest Radiotherapy: A Report from the Childhood Cancer Survivor Study (CCSS). Submitted
9. Huang IC, Brinkman TM, Armstrong GT, Leisenring W, Robison LL, Krull KR. The Mediating Role of Emotional Distress Symptoms in Comparing Quality of Life between Adult Survivors of Childhood Cancer and Siblings: A Report from the Childhood Cancer Survivor Study. Submitted
10. Madenci AL, Fisher S, Diller LR, Goldsby RE, Leisenring WM, Oeffinger KC, Robison LL, Sklar CA, Stovall M, Weathers RE, Armstrong GT, Yasui Y, Weldon CB. Intestinal Obstruction in Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. Submitted
11. Moskowitz CS, Malhotra J, Chou JF, Wolden SL, Weathers RE, Stovall M, Armstrong GT, Leisenring WM, Neglia JP, Robison LL, Oeffinger KC. Breast Cancer Following Spinal Irradiation: A Report from the Childhood Cancer Survivor Study. Submitted
12. Ritenour CWM, Seidel KD, Leisenring W, Mertens AC, Wasilewski-Masker K, Shnorhavorian M, Sklar CA, Whitton JA, Stovall M, Constine LS, Armstrong GT, Robison LL, Meacham LR. Erectile Dysfunction in Male Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. Submitted

Childhood Cancer Survivor Study (CCSS)

Presented Abstracts 1997 – 2015

Year	Number
2015	22
2014	18
2013	16
2012	14
2011	13
2010	18
2009	6
2008	25
2007	9
2006	14
2005	12
2004	16
2003	6
2002	17
2001	9
2000	2
1999	6
1998	1
1997	1

2015

A1501 Park ER, Kirchhoff AC, Perez GK, Leisenring W, Weissman JS, Donelan K, Hyland K, Armstrong GT, Robison LL, Kuhlthau KA. Childhood Cancer Survivor Study Participants' Health Insurance Coverage Experiences. 36th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, April 2015, poster presentation.

A1502 Buchbinder D, Oeffinger KC, Franco-Villalobos C, Yasui Y, Alderfer MA, Armstrong GT, Casillas J, Ford J, Krull KR, Leisenring W, Recklitis C, Robison LL, Zeltzer LK, Lown EA. Tobacco Use Behaviors of Siblings of Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study. 28th Annual Meeting of American Society of Pediatric Hematology/Oncology, May 2015, poster presentation.

A1503 Gibson TM, Liu W, Armstrong GT, Srivastava K, Hudson MM, Leisenring WM, Mertens AC, Klesges RC, Oeffinger KC, Nathan PC, Robison LL. Longitudinal smoking patterns in survivors of childhood cancer: a Childhood Cancer Survivor Study (CCSS) update. American Society of Clinical Oncology Annual Meeting, June 2015, poster presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, poster presentation.

A1504 Ness KK, Hudson MM, Jones KE, Leisenring WM, Stovall M, Green DM, Neglia JP, Henderson TO, Casillas J, Ford JS, Effinger KE, Oeffinger KC, Armstrong GT, Robison LL, Nathan PC. Temporal trends in health status among adults in the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, June 2015, poster presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, poster discussion session.

A1505 Bowers DC, Moskowitz CS, Chou JF, Mazewski CM, Neglia J, Armstrong GT, Leisenring WM, Robison LL, Oeffinger KC. Morbidity and Mortality Associated with Subsequent Meningiomas among Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, June 2015, oral presentation.

A1506 D'Agostino NM, Edelstein K, Zhang N, Recklitis CJ, Brinkman TM, Srivastava DK, Leisenring WM, Robison LL, Armstrong GT, Krull KR. Patterns and predictors of psychological distress in adult survivors of childhood cancer: A Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, June 2015, poster presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, poster presentation.

A1507 Perez G, Kirchhoff A, Krull K, Leisenring W, Recklitis C, Armstrong GT, Nathan P, Robison LL, Kuhlthau K, Park E. Mental Health Care Insurance Coverage, Utilization and Perceived Value Among Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study (CCSS). 2015 World Congress of Psycho-Oncology, July 2015, poster presentation.

A1508 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. American Society of Clinical Oncology Annual Meeting, June 2015, poster presentation.

A1509 Mostoufi-Moab S, Seidel K, Leisenring WM, Armstrong GT, Oeffinger KC, Green DM, Stovall M, Meacham LR, Ginsberg J, Robison LL, Sklar CA. Endocrine disorders in adult 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, June 2015, oral presentation.

A1510 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). American Society of Clinical Oncology Annual Meeting, June 2015, oral presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, poster presentation.

A1511 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, June 2015, oral presentation.

A1512 Brinkman, TM, Li C, Vannatta KA, Marchak JG, Lai J, Kimberg C, Prasad PK, Di C, Srivastava DK, Robison LL, Armstrong GT, Krull KR. Emotional and behavioral phenotypes of adolescent survivors in the Childhood Cancer Survivor Study (CCSS). 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, poster presentation.

A1513 Leisenring WM, Whitton J, Neglia JP, Green DM, Gibson T, Stovall M, Hudson MM, Robison LL, Armstrong GT, Yasui Y, Mertens AC. Temporal changes in treatment exposures in the Childhood Cancer Survivor Study (CCSS). 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, oral presentation.

A1514 Effinger KE, Fisher PG, Ness KK, Krull K, 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. American Society of Clinical Oncology Annual Meeting, June 2015, poster presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, oral presentation.

A1515 Schapiro M, Hayashi R, Liu W, Srivastava DK, Jeffe D, Perkins S, Armstrong GT, Robison LL, Stovall M, Leisenring W, Krull K. Neurocognitive, emotional, and quality of life outcomes in long-term survivors of rhabdomyosarcoma: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, June 2015, poster presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, poster presentation.

A1516 Madenci AL, Fisher S, Diller L, Goldsby R, Leisenring W, Oeffinger KC, Robison LL, Sklar C, Stovall M, Weathers RE, Armstrong GT, Yasui Y, Weldon CB. Intestinal obstruction in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, June 2015, poster presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, poster presentation.

A1517 Armstrong GT, Yasui Y, Chen Y, Leisenring W, Gibson TM, Mertens A, Stovall M, Hudson MM, Oeffinger KC, Bhatia S, Krull K, Nathan PC, Neglia J, Green D, Robison LL. Reduction in late mortality among five-year survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, June 2015, plenary session presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, oral presentation.

A1518 Gilleland-Marchak J, Seidel KD, Mertens AC, Ritenour CWM, Wasilewski-Masker K, Leisenring W, Sklar CA, Ford J, Krull KR, Stovall M, Robison LL, Armstrong GT, Meacham LR. Perceptions of risk for infertility among male 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, June 2015, oral presentation.

A1519 Daniel C, Armstrong GT, Keske R, Davine J, McDonald A, Sprunck-Harrild K, Coleman C, Haneuse S, Mertens A, Emmons K, Marghoob A, Elkin E, Dusza S, Robison LL, Gibson T, Geller A. Advancing Survivors' Knowledge (ASK) About Skin Cancer Study: A Randomized Intervention within the Childhood Cancer Survivor Study (CCSS). New England Cancer Survivorship Research Conference: Focus on Intervention, April 2015, poster presentation.

A1520 de Blank P, Fisher MJ, Lu L, Leisenring WM, Ness KK, Sklar CA, Stovall M, Vukadinovich CM, Robison LL, Armstrong GT, Krull KR. The Impact of Vision Loss Among Survivors of Childhood Central Nervous System Astroglial Tumors. Children's Tumor Foundation NF Conference, June 2015, poster presentation.

A1521 Mertens A, Whitton J, Gibson TM, Stovall M, Hudson MM, Robison LL, Armstrong GT, Yasui Y, Leisenring WM, Green D. Temporal changes in treatment exposures in the Childhood Cancer Survivor Study (CCSS). Children's American Society of Clinical Oncology Annual Meeting, June 2015, poster presentation.

A1522 Feijen EAM, Stratton KL, Ness KK, Van der Pal HJH, Caron HN, Armstrong GT, Green D, Hudson MM, Leisenring W, Oeffinger KC, Robison LL, Stovall M, Kremer LCM, 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, June 2015, oral presentation.

2014

A1401 Effinger KE, Leisenring W, Oeffinger KC, Hudson MM, Ness KK, Marina N, Castellino SM, Stovall M, Armstrong GT, Robison LL, Sainani K, Whittemore AS. Longitudinal Evaluation of Health Status in Aging Pediatric Hodgkin Lymphoma Survivors: Report from the Childhood Cancer Survivor Study. 2nd International Symposium on Childhood, Adolescent and Young Adult Hodgkin Lymphoma, May 2014, oral presentation.

A1402 Zhou R, Ng A, Withers R, McDonald A, Leisenring W, Goodman P, Stovall M, Armstrong G, Robison L, Hodgson D. The Evolution of Pediatric Hodgkin Lymphoma Therapy: Contemporary Protocols Significantly Reduce Radiation Exposure of Normal Tissues. 2nd International Symposium on Childhood, Adolescent and Young Adult Hodgkin Lymphoma, May 2014, oral presentation.

A1403 Suh E, Stratton KL, Ford JS, Nathan PC, Freyer DR, McNeer J, Stock W, Leisenring W, Stovall M, Krull KR, Sklar CA, Armstrong GT, Oeffinger KC, Robison LL, Henderson TO. Chronic Health Conditions and Premature Mortality in Long-Term Survivors of Cancer Diagnosed Between the Ages of 15 and 20 years: A Report from the Childhood Cancer Survivor Study. 7th Biennial Cancer Survivorship Research Conference, June 2014, poster presentation.

A1404 Chow EJ, Chen Y, Armstrong GT, Border WL, Meacham LR, Mulrooney DA, Oeffinger KC, Sklar CA, Stovall M, Robison LL, Yasui Y. Individual Risk Prediction of Major Cardiovascular Events after Cancer: A Childhood Cancer Survivor Study Report. American Society of Clinical Oncology Annual Meeting, May 2014, poster presentation.

A1405 Jones LW, Liu Q, Armstrong GT, Ness KK, Yasui Y, Devine K, Tonorezoz E, Soares-Miranda L, Sklar CA, Douglas PS, Robison LL, Oeffinger KC. Exercise and Risk of Major Cardiovascular Events in Adult Survivors of Childhood Hodgkin Lymphoma: A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, May 2014, poster presentation, European Symposium on Late Complications after Childhood Cancer (ESLCCC), September 2014, poster presentation.

A1406 King AA, Perkins SM, Seidel K, Di C, Leisenring WM, Krull KR, Green DM, Armstrong GT, Zelter LK, Wells E, Stovall M, Ullrich N, Oeffinger KC, Robison LL, Packer R. Health and Functional Status of Long Term Adult Medulloblastoma/PNET Survivors: A Report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology Annual Meeting, May 2014, poster presentation.

A1407 Henderson TO, Moskowitz CS, Onel K, Bradbury AR, Friedman DN, Chou JF, Bhatia S, Strong LC, Neglia JP, Stovall M, Leisenring WM, Robison LL, Armstrong GT, Diller L, Oeffinger KC. Breast Cancer in Childhood Cancer Survivors Not Treated with Chest-Directed Radiation in the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, May 2014, oral presentation.

A1408 Moskowitz CS, Malhotra J, Chou JF, Wolden SL, Stovall M, Armstrong GT, Leisenring WM, Neglia JP, Robison LL, Oeffinger KC. Breast Cancer Following Spinal Radiotherapy for a Childhood Cancer: A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, May 2014, poster presentation.

A1409 Huang IC, Brinkman TM, Armstrong GT, Robison LL, Krull KR. Mediating Role of Emotional Symptoms on Assessment of Health-Related Quality of Life of Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology Annual Meeting, May 2014, poster presentation.

A1410 Dietz AC, Chen Y, Ness KK, Hagood JS, Chow EJ, Yasui Y, Stovall M, Neglia JP, Oeffinger KC, Mertens AC, Robison LL, Armstrong GT, Mulrooney DA. Risk and Impact of Pulmonary Complications in Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, May 2014, poster presentation, 14th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2015, oral presentation.

A1411 Turcotte LM, Whitton J, Friedman DL, Hammond S, Armstrong GT, Leisenring WM, Robison LL, Neglia JP. Subsequent Neoplasms in the 5th and 6th Decades of Life in the Childhood Cancer Survivor Study Cohort. American Society of Clinical Oncology Annual Meeting, May 2014, poster presentation.

A1412 Cox CL, Leisenring WM, Stratton KL, Steen BD, Ogg SW, Robison LL, Hudson MM. Combining eHealth and mHealth Strategies to Promote Risk-Based Cardiovascular Screening in Adult Survivors of Childhood Cancer. 7th Biennial Cancer Survivorship Research Conference, June 2014, oral presentation.

A1413 Wells EM, Ullrich NJ, Seidel K, Leisenring W, Sklar C, Armstrong GT, Diller L, King A, Krull K, Neglia JP, Stovall M, Whelan K, Robison LL, Packer RJ. Neurologic Sequelae in Brain Tumor Survivors in the Childhood Cancer Survivor Study (CCSS). 16th International Symposium on Pediatric Neuro-Oncology (ISPNO), June 2014, oral presentation.

A1414 Hudson MM, Leisenring WM, Stratton K, Tinner N, Steen B, Ogg S, Barnes L, Robison LL, Cox CL. Increasing Cardiovascular Screening in At-Risk Adult Survivors of Pediatric Malignancies: A Randomized Controlled Trial. American Society of Clinical Oncology Annual Meeting, May 2014, oral presentation.

A1415 Cox C, Leisenring W, Stratton K, Steen B, Ogg S, Tinner N, Robison LL, Hudson MM. Motivating Behavior Change in Adult Survivors of Childhood Cancer: A Randomized Controlled Trial (RCT) from the Childhood Cancer Survivor Study (CCSS). 142nd American Public Health Association Annual Meeting and Exposition, November 2014, oral presentation.

A1416 Tsui K, Gajjar A, Li C, Srivastava D, Broniscer A, Wetmore C, Kun LE, Merchant TE, Ellison DW, Orr B, Boop FA, Klimo Jr P, Ross JD, Robison LL, Armstrong GT. Subsequent Neoplasms in Survivors of Central Nervous System Tumors: Risk After Modern Multi-modal Therapy. 16th International Symposium on Pediatric Neuro-Oncology (ISPNO), June 2014, poster presentation.

A1417 Feijen EAM, Stratton KL, Ness KK, Van der Pal HJH, Caron HN, Armstrong GT, Green D, Hudson MM, Leisenring W, Oeffinger KC, Robison LL, Stovall M, Kremer LCM, Chow EJ. Equivalence Ratio for Daunorubicin to Doxorubicin in Relation to Late Heart Failure. European Symposium on Late Complications after Childhood Cancer (ESLCCC), September 2014, poster presentation.

A1418 Ford JS, Chou JF, Moskowitz C, Candela J, Henderson TO, Nathan P, Hudson MM, Leisenring W, Robison LL, Armstrong GT, Oeffinger KC. Cancer Treatment Summaries and Long-Term Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study. European Symposium on Late Complications after Childhood Cancer (ESLCCC), September 2014, poster presentation.

2013

A1301 Kirchhoff AC, Leisenring W, Oeffinger K, Armstrong GT, Robison LL. Labor Force Transitions in the Childhood Cancer Survivor Study. 34th Annual Meeting & Scientific Sessions of the Society of Behavior Medicine, March 2013, poster presentation.

A1302 Kirchhoff AC, Kuhlthau K, Leisenring W, Warner EL, Armstrong GT, Oeffinger K, Robison LL, Park ER. Childhood Cancer Survivors and Social Security Benefit Coverage: A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Preventive Oncology, March 2013, poster presentation.

A1303 Daniel CL, Kohler C, Nathan P, Oeffinger K, Stratton K, Leisenring W, Whelan K, Waterbor J, Henderson T, Armstrong G, Krull K, Robison LL. Predictors of Colorectal Cancer Screening among High-Risk Survivors of Childhood Cancer. American Society of Preventive Oncology, March 2013, oral presentation.

A1304 Prasad PK, Hardy KK, Zhang N, Srivastava DK, Edelstein K, Zeltzer L, Stovall M, Leisenring W, Seibel NL, Armstrong GT, Robison LL, Krull KK. Psychological and Neurocognitive outcomes in survivors diagnosed with cancer as adolescents and young adults: A Report from the Childhood Cancer Survivor Study. American Society of Pediatric Hematology-Oncology, April 2013, poster presentation.

A1305 Park ER, Kirchhoff AC, Perez-Lougee G, Leisenring W, Weissman JS, Donelan K, Mertens AC, Reschovsky J, Armstrong GT, Robison LL, Diller LR, Recklitis CJ, Kuhlthau KA. Childhood cancer survivor familiarity with the Affordable Care Act. New England Cancer Survivorship Research Conference, May 2013, poster presentation.

A1306 Wilson CL, Leisenring WL, Oeffinger K, Nathan PC, Wasilewski-Masker K, Hudson MM, Castellino S, Stovall M, Armstrong GT, Brinkman TM, Robison LL, Ness KK. Predictors of declining levels of physical activity among adult survivors of childhood cancer. American Society of Clinical Oncology Annual Meeting, June 2013, poster presentation, 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2013, poster presentation.

A1307 Essig S, Qiaozi L, Chen Y, Hitzler J, Leisenring W, Greenberg M, Sklar C, Hudson MM, Armstrong GT, Krull K, Neglia JP, Oeffinger KC, Robison LL, Yasui Y, Nathan PC. Estimated long-term outcomes in children newly diagnosed with standard risk acute lymphoblastic leukemia (ALL) based on similarly treated members of the Childhood Cancer Survivor Study (CCSS) cohort. American Society of Clinical Oncology Annual Meeting, June 2013, poster presentation.

A1308 Soriano S, Bashore L, Ross G, Proffitt-Leyva R, Armstrong GT, Robison LL, Bowman WP. Recruitment of an Ethnically Diverse Population of Childhood Cancer Survivors: A Single Institution Experience. 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2013, poster presentation.

A1309 Gawade PL, Oeffinger KC, Sklar CA, Green DM, Krull KK, Chemaitilly W, Stovall M, Leisenring WM, Robison LL, 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, June 2013, oral presentation.

A1310 Gramatges MM, Liu Q, Yasui Y, Okcu F, Neglia JP, Strong LC, Armstrong GT, Robison LL, Bhatia S. Telomere Length and Risk of Second Malignant Neoplasms (SMNs) in Survivors of Childhood Cancer: A Childhood Cancer Survivor Study (CCSS). 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2013, oral presentation.

A1311 Goldsby R, Raber S, Stratton K, Ablin A, Li L, Strong L, Leisenring W, Oeffinger K, Sklar C, Armstrong GT, Robison LL, Bhatia S. Long-term sequelae in survivors of childhood leukemia with Down Syndrome: A matched cohort study from the Childhood Cancer Survivor Study. Congress of the International Society for Pediatric Oncology (SIOP), September 2013, poster presentation.

A1313 Mueller S, Fullerton HJ, Stratton K, Leisenring W, Armstrong GT, Weathers RE, Stovall M, Goldsby RE, Sklar CA, Robison LL, Krull KR. Recurrent Stroke Risk in Childhood Cancer Survivors. Society for Neuro-Oncology, November 2013, oral presentation.

A1314 Van den Berg A, Cozen W, Li D, Timofeeva M, Diepstra A, Hazelet D, Delahaye-Sourdeix M, Edlund CK, Rostgaard K, Van Den Berg DJ, Glaser SL, Robison LL, Mack TM, Ghesquieres H, Salle G, Bhatia S, Strong LC, Hwang AE, Nieters A, Smedby K, de Sanjose S, Cortessis VK, Lightfoot T, Roman E, Becker N, Foretova L, Benavente Y, Maynadie M, Visser L, Veenstra RN, Staines A, Cocco PL, Boffetta P, Kiemeny L, Lake A, Montgomery D, Slager SL, Cerhan JR, Gallagher A, Taylor GM, Brennan P, Conti DV, Coetzee GA, Onel K, Jarrett RF, Hjalgrim H, McKay JD. TCF3/E2A (19p13.3) is a novel Hodgkin lymphoma susceptibility locus; a meta-GWAS study from the Interlymph Hodgkin lymphoma consortium. 9th International Symposium on Hodgkin Lymphoma, October 2013, oral presentation.

A1315 Cox CL, Nolan V, Leisenring W, Yasui Y, Ogg S, Neglia J, Ness K, Robison LL. Health perceptions, behavior, and medical care utilization: Links to mortality in adult survivors of childhood cancer. American Public Health Association, November 2013, oral presentation.

A1316 Ritenour CWM, Seidel KD, Leisenring W, Mertens A, Wasilewski-Masker K, Shnorhavorian M, Sklar CA, Whitton JA, Stovall M, Constine LS, Armstrong GT, Robison LL, Meacham L. Sexual health in male childhood cancer survivors: A Report from the Childhood Cancer Survivor Study (CCSS). 13th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2013, poster presentation, Sexual Medicine Society of North America, November 2013, poster presentation.

A1317 Effinger KE, Leisenring W, Oeffinger KC, Hudson MM, Ness KK, Marina N, Stovall M, Armstrong GT, Robison LL, Sainani K, Whittemore AS. Longitudinal Evaluation of Health Status in Aging Pediatric Hodgkin Lymphoma Survivors: Report from the Childhood Cancer Survivor Study. American Society of Hematology-Oncology, December 2013, oral presentation.

2012

A1201 Mueller S, Fullerton HJ, Stratton K, Leisenring W, Weathers R, Stovall M, Armstrong GT, Goldsby RE, Packer RJ, Robison LL, Krull KR. Radiation and modifiable stroke risk factors in adult survivors of pediatric cancer: Results from the Childhood Cancer Survivor Study. 2012 International Stroke Conference, February 2012, oral presentation, 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012, oral presentation.

A1202 Wasilewski-Masker K, Seidel KD, Leisenring W, Mertens A, Shnorhavorian M, Ritenour MD, Stovall M, Green DM, Sklar CA, Armstrong GT, Robison LL, Meacham LR. Male Infertility in childhood and adolescent cancer survivors diagnosed from 1970-1986: A report from the Childhood Cancer Survivor Study. 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012, oral presentation.

A1203 Wilson CL, Ness KK, Neglia JP, Hammond S, Leisenring W, Srivastava DK, 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, June 2012, oral presentation, American Society of Clinical Oncology Annual Meeting, June 2012.

A1204 Chow EJ, Chen Y, Armstrong GT, Border W, Meacham L, Meeske KA, Mulrooney D, Oeffinger KC, Sklar CA, Stovall M, Robison LL, Yasui Y. Predicting future cardiovascular disease after cancer: A Childhood Cancer Survivor Study report. 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012.

A1205 Shnorhavorian M, Leisenring W, Goodman P, Friedman D, Stovall M, Meacham LR, Chow E, Sklar CA, Diller L, Ferrer F, Armstrong GT, Robison LL. Genito-urinary second malignant neoplasms in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012, oral presentation, American Academy of Pediatrics National Conference and Exhibition, 2012.

A1206 Wong FL, Bhatia S, Kurian Seira, Landier W, Francisco L, Leisenring W, Hudson, MM, Armstrong GT, Mertens A, Stovall M, Robison LL, Lipshultz ST, Armenian S. Cost-Effectiveness of the Children's Oncology Group (COG) Long-Term Follow-Up (LTFU) guidelines in reducing the risk of congestive heart failure (CHF) in long-term childhood cancer survivors (CCS). 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012, oral presentation.

A1207 Wong FL, Bhatia S, Kurian Seira, Landier W, Francisco L, Leisenring W, Hudson, MM, Armstrong GT, Mertens A, Stovall M, Robison LL, Lipshultz ST, Armenian S. Efficacy of the Children's Oncology Group (COG) Long-Term Follow-Up (LTFU) guidelines in reducing the risk of congestive heart failure (CHF) in long-term childhood cancer survivors (CCS). American Society of Clinical Oncology Annual Meeting, June 2012, oral presentation.

A1208 Perkins JL, Chen Y, Harris A, Sklar C, Diller L, Stovall M, Armstrong GT, Yasui Y, Robison LL. Infectious complications in survivors of childhood and adolescent cancer: A report from the Childhood Cancer Survivors Study (CCSS). 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012.

A1209 Casillas J, Liu Q, Hudson MM, Greenberg ML, Yeazel MW, Ness K, Robison LL, Armstrong GT, Leisenring W, 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). American Society of Clinical Oncology Annual Meeting, June 2012, 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012, oral presentation.

A1210 Buchbinder D, Mertens AC, Zeltzer LK, Leisenring W, Goodman P, Lown EA, Alderfer MA, Recklitis C, Oeffinger K, Armstrong GT, Hudson MM, Robison L, Casillas J. Cancer prevention and screening practices of siblings of childhood cancer survivors: A report from the Childhood Cancer Survivor Study. 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012.

A1211 Moskowitz CS, Chou JF, Wolden SL, Bernstein JL, Malhotra J, Friedman DN, Mubdi NZ, Henderson TO, Leisenring WM, Stovall M, Hammond S, Boice JD, Hudson MM, Diller LR, Bhatia S, Neglia JP, The WECARE Study Collaborative Group, Begg CB, Robison LL, Oeffinger KC. New insights into the risk of breast cancer in childhood cancer survivors treated with chest radiation: A Report from the Childhood Cancer Survivor Study (CCSS) and the Women's Environmental Cancer and Radiation Epidemiology (WECARE) Study. ASCO Annual Meeting, June 2012, oral presentation, 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012, oral presentation.

A1212 Armstrong GT, Kawashima T, Leisenring W, Stovall M, Sklar CA, Robison LL, Oeffinger KC. Increasing risk of severe, life-threatening and fatal chronic health conditions in aging survivors of childhood CNS tumors: A Report from the Childhood Cancer Survivor Study. International Symposium on Pediatric Neuro-Oncology, June 2012, oral presentation.

A1213 Wells EM, Seidel K, Ullrich NJ, Leisenring WM, Armstrong GT, Diller LR, King AA, Krull KR, Neglia JP, Stovall M, Whelan K, Sklar C, Packer RJ. Neurologic Sequelae in Long-Term survivors of Childhood Brain Tumors: A Childhood Cancer Survivor Study (CCSS) Update and Expanded Risk Factor Analysis. International Symposium on Pediatric Neuro-Oncology, June 2012, oral presentation.

A1214 Armstrong GT, Kawashima T, Leisenring W, Stovall M, Sklar CA, Robison LL, Oeffinger KC. Increasing risk of chronic health conditions in aging survivors of childhood cancer: A Report from the Childhood Cancer Survivor Study. ASCO Annual Meeting, June 2012, oral presentation, 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012, oral presentation.

2011

A1101 Park ER, Kirchoff AC, Pandiscio BA, Armstrong GT, Robison LL, Mertens A, Recklitis C, Diller L, Kuhlthau K. Childhood Cancer Survivor Study participants' perceptions and knowledge of health insurance coverage: implications for the 2010 Health Care Reform Law. 32nd Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, April 2011, platform presentation.

A1102 Kinahan KE, Sharp LK, Didwania A, Seidel K, Leisenring W, Lacouture ME, Stovall M, Robison LL, Krull KR, Lurie RH. Scarring, disfigurement and quality of life in long-term survivors of childhood cancer: A report from the childhood cancer survivor study. 2011 ASCO Annual Meeting, June 2011, poster presentation, 12th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, June 2012.

A1103 Pappo AS, Armstrong GT, Liu W, Srivastava DK, Leisenring W, Hammond S, Stovall M, Neglia JP, Robison LL. Melanoma as a subsequent neoplasm in survivors of childhood cancer: A report from the childhood cancer survivor study. 2011 ASCO Annual Meeting, June 2011, oral presentation.

A1105 Armstrong GT, Chen Y, Kawashima T, Sklar C, Mulroney DA, Chow E, Border W, Durand JB, Mertens A, Stovall M, Leisenring W, Yasui Y, Robison LL, Oeffinger K, Meacham L. Impact of Traditional Cardiovascular Disease Risk Factors on Long-term Cardiovascular Outcomes in Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. 2011 ASCO Annual Meeting, June 2011, oral presentation.

A1106 Mueller S, Fullerton, HJ, Stratton K, Leisenring W, Weathers R, Stovall M, Armstrong GT, Goldsby RE, Packer RJ, Robison LL, Krull KR. Excess strong risk in adult survivors of childhood CNS tumors, leukemia and Hodgkin's lymphoma: Results of the Childhood Cancer Survivor Study. 2011 Child Neurology Annual Meeting, October 2011.

A1107 Meacham L. Longitudinal assessment of cardiovascular risk factors (CVRf) in adult survivors of pediatric cancer: a report from the childhood cancer survivor study (CCSS). 50th Annual Meeting of the European Society for Pediatric Endocrinology (ESPE), September 2011, oral presentation.

A1108 Hudson M, Oeffinger K, Nathan P, Mertens A, Castellino S, Casillas J, Mulrooney D, Gurney J, Armstrong G, Leisenring W, Robison L, Ness K. Longitudinal changes in health status of the Childhood Cancer Survivor Cohort. Congress of the International Society for Pediatric Oncology (SIOP), October 2011, oral presentation.

A1109 Wong FL, Bhatia S, Surian S, Landier W, Francisco L, Leisenring W, Hudson M, Armstrong GT, Mertens A, Stovall M, Yasui Y, Robison LL, Lipshultz SE, Armenian S. Evaluation of the effectiveness of the Children's Oncology Groups (COG) long-term follow-up guidelines in reducing the risk of Anthracycline-related congestive heart failure (CHF) in long-term survivors of childhood cancer. European Symposium on Late Complications after Childhood Cancer (ESLCCC), September 2011, oral presentation.

A1110 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. Congress of the International Society for Pediatric Oncology (SIOP), October 2011, oral presentation.

A1111 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. Congress of the International Society for Pediatric Oncology (SIOP), October 2011, oral presentation.

A1112 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). Congress of the International Society for Pediatric Oncology (SIOP), October 2011, oral presentation.

A1113 Cox CL, Zhu L, Steen BD, Hudson MM, Robison LL, Oeffinger KC. Survivor profiles of health-related concerns, fear and motivation predict participation in medical surveillance: The Childhood Cancer Study. American Public Health Association 139th Annual Meeting and Exposition, October 2011, platform presentation.

A1114 Kirchhoff AC, Krull KR, Robison LL, Leisenring W. Physical, Mental and Neurocognitive Status and Employment Outcomes in the Childhood Cancer Survivor Study Cohort. Society for Behavioral Medicine, April 2011, oral presentation.

2010

A1001 Clanton NR, Morris B, Pan Z, Mulrooney D, Jain N, Srivastava DK, Zeltzer L, Stovall M, Robison LL, Krull KR. Fatigue, vitality, sleep quality, and neurocognitive functioning in adult survivors of childhood cancer: A Report from the Childhood Cancer Survivor Study. International Neuropsychological Society, February 2010, platform presentation. International Society of Pediatric Oncology, October 2010, oral presentation.

A1002 Henderson TO, Whitton J, Leisenring W, Neglia J, Meadows A, Crotty C, Oeffinger KC, Diller L, Inskip P, Stovall M, Armstrong G, Robison LL, Nathan PC. Gastrointestinal Malignancies as a Second Malignant Neoplasm in Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. International Conference on Long-Term Complications of Treatment of Children and Adolescents with Cancer & American Society of Clinical Oncology Annual Meeting, June 2010, platform presentations.

A1003 Kirchhoff 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. American Society of Preventive Oncology, March 2010, poster presentation.

A1004 Meacham LR, Ford J, Ritenour C, Wasilewski-Masker K, Shnorhavorian M, Leisenring W, Whitton J, Armstrong G, Stovall M, Sklar C, Robison L, Mertens A. Male health and perceptions of risk for testicular/sexual dysfunction: A report from the Childhood Cancer Survivor Study. International Conference on Long-Term Complications of Treatment of Children and Adolescents with Cancer, June 2010, poster presentation.

A1005 Termuhlen A, Tersak J, Liu Q, Yasui Y, Stovall M, Deutsch M, Sklar CA, Robison LL, Green DM. Chronic medical conditions, health status, and health care practices at 25 years in 5-year survivors of Wilms tumor: A Report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology Annual Meeting and International Conference on Long-Term Complications of Treatment of Children and Adolescents with Cancer, June 2010, platform presentations.

A1006 Armstrong GT, Liu W, Hammond S, Bhatia S, Neglia J, Stovall M, Leisenring W, Yasui Y, Srivastava D, Robison LL. Multiple Subsequent Neoplasms in the Childhood Cancer Survivor Study (CCSS) Cohort. American Society of Clinical Oncology Annual Meeting and International Conference on Long-Term Complications of Treatment of Children and Adolescents with Cancer, June 2010, platform presentations.

A1007 Vrooman LM, Najita J, Goodman P, Armstrong G, Hudson M, Kenney L, Laverdière C, Leisenring W, Mody R, Nathan P, Oeffinger K, Sklar C, Diller L. Long-Term outcomes after cancer in infancy: A report from the Childhood Cancer Survivor Study (CCSS). International Conference on Long-Term Complications of Treatment of Children and Adolescents with Cancer, June 2010 platform presentation.

A1008 Ford J, Kawashima T, Whitton J, Leisenring W, Laverdière C, Stovall M, Zeltzer L, Randolph-Frye M, Robison L, Sklar C. Psychosexual functioning among women in the Childhood Cancer Survivor Study. International Conference on Long-Term Complications of Treatment of Children and Adolescents with Cancer, June 2010, poster presentation.

A1009 Green DM, Nolan VG, Kawashima T, Stovall M, Donaldson SS, Sklar CA, Robison LL. Effect of hypothalamic/pituitary radiation exposure in low doses on fertility in female Childhood Cancer Survivor Study (CCSS) participants. American Society of Clinical Oncology Annual Meeting, June 2010, poster presentation.

A1010 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. International Conference on Long-Term Complications of Treatment of Children and Adolescents with Cancer, June 2010, poster presentation.

A1011 Kunin-Batson A, Kadan-Lottick N, Zhu L, Bordes V, Srivastava DK, Zeltzer L, Robison LL, Krull KR. Predictors of independent living status in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology Annual Meeting June 2010, poster presentation.

A1013 Bhatti P, Veiga LHS, Ronckers CM, Sigurdson AJ, Stovall M, Smith SA, Weathers R, Leisenring W, Mertens AC, Hammond S, Friedman DL, Neglia JP, Meadows AT, Donaldson SS, Sklar CA, Robison LL, Inskip PD. Radiotherapy for childhood cancer and risk of thyroid cancer in a large cohort study. Submitted to SER, June 2010.

A1014 Goldsby R, Chen Y, Yasui Y, Raber S, Li L, Diefenbach K, Shnorhavorian M, Kaden-Lottick N, Kastrinos F, Stovall M, Oeffinger K, Diller L, Armstrong G, Robison L, Sklar C. Late gastrointestinal sequelae in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. International Society of Pediatric Oncology, October 2010, oral presentation.

A1015 Brackett J, Krull K, Scheurer M, Liu W, Srivastava K, Stovall M, Merchant T, Packer R, Robison L, Ocku MF. Antioxidant enzyme polymorphisms and neuropsychological outcomes in Medulloblastoma survivors: A report from the Childhood Cancer Survivor Study. International Society of Pediatric Oncology, October 2010, poster presentation.

A1016 Kunin-Batson A, Kadan-Lottick N, Zhu L, Cox C, Border V, Srivastava DK, Zeltzer L, Robison LL, Krull KR. Predictors of independent living after childhood cancer: A report from the Childhood Cancer Survivor Study. International Society of Pediatric Oncology, October 2010, oral presentation.

A1017 Best T, Skol AD, Gamazon E, Onel K. A functional analysis of variants associated with therapy-induced second malignancies after Hodgkin lymphoma identified by genome-wide scan 52nd American Society of Hematology Annual Meeting and Exposition, December 2010, poster.

A1018 Cozen W, Li D, Best T, Van Den Berg D, Skol AD, Cortessis VK, Mack TM, Glaser SL, Schumacher G, Weiss LM, Nathwani BN, Edlund CK, Hwang A, Bhatia S, Strong LC, Robison LL, Conti DV, Onel K. A Meta-Analysis of Nodular Sclerosis Hodgkin Lymphoma Identifies Risk Loci at 6p21.32. 52nd American Society of Hematology Annual Meeting and Exposition, December 2010, poster.

A1019 Cozen W, Li D, Best T, Van Den Berg D, Skol AD, Cortessis VK, Mack TM, Glaser SL, Schumacher G, Weiss LM, Nathwani BN, Edlund CK, Hwang A, Bhatia S, Strong LC, Robison LL, Conti DV, Onel K. A Meta-Analysis of Nodular Sclerosis Hodgkin Lymphoma Identifies Risk Loci at 6p21. 32 International Lymphoma Epidemiology Consortium, April 2010, oral presentation.

2009

A0901 Nathan PC, Ness KK, Hudson MM, Mahoney M, Ford JS, Landier W, Armstrong G, Henderson T, Robison LL, Oeffinger KC. Cancer screening in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology Annual Meeting, Orlando, FL, June 2009, platform presentation.

A0902 Boukheris H, Neglia JP, Stovall M, Hammond S, Mertens AC, Meadows AT, Donaldson SS, Armstrong G, Stratton KL, Robison LL, Inskip PD. Risk of salivary gland carcinoma among childhood cancer survivors: Role of treatment and cigarette smoking. ISS Conference, May 2009.

A0903 Bornstein MH, Haynes OM, Leisenring W, Hayashi R, Armstrong G, Robison L, Zeltzer L. Mental retardation and learning disability in survivors of childhood cancer diagnosed in infancy: A Report from the Childhood Cancer Survivor Study. Society for Research in Child Development, 2009.

A0904 Stuber M, Meeske K, Zebrack B, Krull K, Stratton K, Leisenring W, Robison L, Zeltzer L. Prevalence and predictors of Posttraumatic Stress Disorder in adult survivors of childhood cancer: A Report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology, 2009, platform presentation.

A0905 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. American Society of Clinical Oncology, 2009.

A0906 Kirchhoff 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 at Academy Health, June 2009, oral presentation.

2008

A0801 Mulrooney DA, Yeazel M, Mitby P, Kawashima T, Leisenring WM, Stovall M, Green DM, Sklar CA, Robison LL, Mertens AC. Cardiovascular disease in adult survivors of childhood and adolescent cancer: a report from the CCSS. International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008; American Society of Clinical Oncology Annual Meeting, Chicago, IL, June 2008, oral presentation.

A0802 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. American Society of Clinical Oncology, Chicago, June, 2008, oral presentation; International Symposium on Pediatric Neuro-Oncology, Chicago, IL, June 2008; Child Neurology Society, 2008.

- A0803** Armstrong GT, Whitton J, Chow E, Leisenring W, Gajjar A, Kun L, Robison LL, Sklar C. Abnormal timing of menarche in survivors of childhood central nervous system tumors. International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008; ISPNO 13th Annual Meeting, Chicago, IL, June 2008.
- A0804** Ellenberg L, Gioia G, Liu Q, Yasui Y, Packer R, Mertens A, Donaldson S, Kaden-Lottick N, Armstrong G, Robison LL, Zeltzer LK. Executive functioning in long-term survivors of childhood brain tumors: a report from the Childhood Cancer Survivor Study (CCSS). International Neuropsychosocial Society Annual Meeting, February 2008.
- A0805** Laverdière C, Liu Q, Yasui Y, Nathan P C, Gurney JG, Stovall M, Diller LR, Cheung NK, Wolden S, Robison LL, Sklar CA. Long-term outcomes in survivors of neuroblastoma: a report from the Childhood Cancer Survivor Study. International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0806** Lown EA, Goldsby R, Mertens AC, Greenfield T, Bond J, Whitton J, Korcha R, Robison LL, Zeltzer LK. Alcohol consumption patterns and risk factors among childhood cancer survivors compared to siblings and general population peers. International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0807** Bluhm E, Oeffinger K, Sklar CA, Meadows A, Hayashi R, Mertens AC, Kawashima T, Donaldson S, Meacham L, Stovall M, Robison LL, Inskip P. Risk factors for common health conditions occurring five years after NHL: a report from the Childhood Cancer Survivor Study (CCSS). International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0808** 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). International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0809** 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. International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0810** 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). International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0811** Oeffinger KC, Ford JS, Moskowitz CS, Diller L, Hudson MM, Chou JF, Smith S, Mertens AC, Robison LL. Mammogram practices of women at risk for breast cancer following chest radiation for a pediatric cancer: a report from the Childhood Cancer Survivor Study (CCSS). International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0812** Smith S, Ford JS, Rakowski W, Moskowitz CS, Robison LL, Oeffinger KC. Decisional balance, stages of adoption, and screening mammography among women at risk of breast cancer following a pediatric malignancy: a report from the Childhood Cancer Survivor Study (CCSS). International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0813** Mertens A, Leisenring W, Mitby P, Hammond S, Perkins J, Robison LL, Hudson M, Meadows A. Sun sensitivity, sun exposure and risk of skin cancer in a cohort of adult survivors of childhood and adolescent cancer. A report from the Childhood Cancer Survivor Study (CCSS). International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008; 4th Biennial Cancer Survivorship Research Conference, Atlanta, GA, June 2008.
- A0814** Bornstein MC, Haynes M, Hayashi R, Leisenring W, Armstrong G, Robison L, Zeltzer L. Mental retardation and learning disability in survivors of childhood cancer diagnosed in infancy: a report from the Childhood Cancer Survivor Study. International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008.
- A0815** Henderson T, Rajaraman P, Stovall M, Olive A, Smith S, Mertens A, Meadows A, Neglia J, Whitton J, Inskip P, Robison L, Diller L. New primary sarcomas in survivors of childhood cancer: a detailed analysis of the effects of treatment: a report from the Childhood Cancer Survivor Study. International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008; American Society of Clinical Oncology, Chicago, IL, June 2008, oral presentation.
- A0816** Lown EA, Goldsby R, Mertens AC, Korcha R, Greenfield T, Bond J, Whitton J, Robison LL, Zeltzer LK. Adult siblings of childhood cancer survivors are heavy drinkers: which siblings are at risk? a report from the Childhood Cancer Survivor Study. American Public Health Association, San Diego, October 2008, poster presentation.
- A0817** Lu Q, Tsao JCI, Leisenring W, Armstrong G, Robison L, Zeltzer LK. Posttraumatic stress symptoms, pain and related impairment among adult survivors of childhood cancer: a report from the Childhood Cancer Survivor Study (CCSS). 4th Biennial Cancer Survivorship Research Conference, Atlanta, GA, June 2008.

- A0818** Castellino SM, Tooze J, Geiger A, Leisenring W, Goodman P, Mertens A, Stovall M, Robison L, Hudson M. Risks of mortality in 5 year survivors of Hodgkin's lymphoma in the Childhood Cancer Survivor Study. American Society of Clinical Oncology Annual Meeting, Chicago, IL, June 2008, oral presentation.
- A0819** Green DM, Kawashima T, Leisenring W, Stovall M, Donaldson S, Sklar CA, Byrne J, Robison LL. Fertility of females after treatment for childhood cancer: a report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology Annual Meeting, Chicago, IL, June 2008, oral presentation.
- A0820** Cox CL, Montgomery M, Oeffinger K, Leisenring W, Zeltzer L, Whitton J, Mertens A, Hudson MM, Robison L. Childhood cancer survivors: Patient and provider influences on physical activity participation. 4th Biannual Cancer Survivorship Research Conference, Atlanta, GA, June 2008.
- A0821** Cox CL, Hudson M, Oeffinger K, Whitton J, Montgomery M, Mertens A, Robison L. Determinants of participation in recommended medical screening by at-risk adult survivors of childhood cancer. American Public Health Association Meeting & Exposition, San Diego, CA, October 2008, oral presentation.
- A0822** Mertens AC, Leisenring W, Mitby P, Meadows A, Robison L, Hudson M. Sun protection behavior in a cohort of adult survivors of childhood and adolescent cancer. A report from the Childhood Cancer Survivor Study (CCSS). International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer, Ontario, CANADA, June 2008, platform presentation.
- A0823** 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 2008, poster presentation.
- A0824** Goldsby R, Nathan P, Bowers D, Yeaton-Massey A, Raber S, Hill D, Robison L, Liu Q, Yutaka Y, Zeltzer L, Armstrong G, Packer R. Long-term neurologic outcomes in adult survivors of childhood acute lymphoblastic leukemia: results from the Childhood Cancer Survivor Study (CCSS). Child Neurology Society, 2008.
- A0825** Cox CL, Mertens A, Hudson M, Whitton J, Montgomery M, Robison L. Determinants of mammography screening participation in adult female survivors of childhood cancer. 2008 ASCO Breast Cancer Symposium, Washington, D.C., September, 2008, poster presentation.
- ## 2007
- A0701** Green DM, Kawashima T, Leisenring W, Stovall M, Donaldson SS, Sklar CA, Byrne J, Robison LL. Fecundity of males after treatment for childhood cancer. A report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting, Chicago, IL, 2007.
- A0702** Green DM, Kawashima T, Leisenring W, Stovall M, Donaldson SS, Sklar CA, Byrne J, Robison LL. Fertility of males after treatment for childhood cancer. A report from the Childhood Cancer Survivor Study (CCSS). SIOP 2007.
- A0703** Lown EA, Goldsby R, Mertens AC, Greenfield T, Bond J, Whitton J, Korcha R, Robison LL, Zeltzer LK. Alcohol Consumption Patterns and Risk Factors among Childhood Cancer Survivors Compared to Siblings and General Population Peers. American Psychosocial Oncology Society, 2007.
- A0704** 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). ASCO Annual Meeting, Chicago, IL, Sunday, June 03, 2007.
- A0705** Wasilewski-Masker K, Leisenring W, Meacham LR, Hammond S, Meadows AT, Robison LL, Mertens AC. Late recurrence in survivors of childhood and adolescent cancer: a report from the Childhood Cancer Survivor Study (CCSS). ASCO Annual Meeting, Chicago, IL, 2007
- A0706** Kaste SC, Baker S, Goodman P, Leisenring W, Stovall M, Hayashi R, Yeazel M, Hudson MM, Sklar C, Robison LL. Dental health of long-term survivors of childhood cancer: The childhood cancer survivor study (CCSS). ASCO Annual Meeting, Chicago, IL, 2007
- A0707** Garney EG, Liu Q, Sklar CA, Meacham LR, Stovall M, Yasui Y, Robison LL, Oeffinger KC. Obesity in adult survivors of childhood acute lymphoblastic leukemia: A follow-up report from the childhood cancer survivor study. ASCO Annual Meeting, Chicago, IL, 2007.
- A0708** Laverdiere C, Liu Q, Yasui Y, Nathan PC, Gurney J, Stovall M, Diller L, Cheung NK, Wolden S, Robison LL, Sklar CA. Long-term complications of neuroblastoma: A report from the childhood cancer survivor study. ASCO Annual Meeting, Chicago, IL, 2007.
- A0709** Bluhm EC, Ronckers C, Hayashi RJ, Neglia JP, Mertens AC, Meadows AT, Mitby PA, Stovall M, Robison LL, Inskip PD. Cause-specific mortality and second cancer incidence after non-Hodgkin lymphoma: a report from the Childhood Cancer Survivor Study. ASH Annual Meeting, Atlanta, GA, 2007.

2006

- A0601** Baker SK, Leisenring W, Hayashi R, Mertens A, Stovall M, Donaldson S, Robison L, Sklar C. Impact of Hematopoietic Cell Transplantation with Total Body Irradiation on the Health Status of Childhood Leukemia Survivors: A Report for the CCSS. American Society of Hematology, 2006.
- A0602** Casillas J, Brooks S, Mertens A, Hudson M, Robison L, Oeffinger K. The Impact of Psychosocial Factors on Access to Care in Adult Minority Survivors: A Childhood Cancer Survivor Study. Western Society for Pediatric Research, 2006, platform presentation.
- A0603** Henderson T, Whitton J, Hammond S, Stovall M, Meadows A, Mertens A, Neglia J, Robison L, Diller L. Sarcoma as a Subsequent Malignancy in Survivors of Childhood Malignancy: A Report from the CCSS. 9th International Conference on Long Term Complications of Treatment of Children and Adolescent for Cancer, 2006, poster presentation.
- A0604** Lansdale M, Marina N, Castellino S, Goodman P, Hudson MM, Mertens AC, Sklar CA, Leisenring W, Robison LL, Oeffinger KC. Screening for Hepatitis C Virus (HCV) Infection in Long-Term Pediatric Cancer Survivors: A Report from the Childhood Cancer Survivor Study (CCSS). Third biennial NCI Cancer Survivorship Conference, 2006, poster presentation.
- A0605** Laverdiere C, Liu Q, Yasui Y, Nathan PC, Gurney J, Stovall M, Diller L, Cheung N, Wolden S, Robison LL, Sklar CA. Long-term complications in survivors of neuroblastoma: a report from the Childhood Cancer Survivor Study. ASCO 2006.
- A0606** Lu Q, Tsao JCI, Leisenring W, Robison L, Zeltzer LK. Pain Prevalence among Long-Term Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study (CCSS). Third biennial NCI Cancer Survivorship Conference, 2006, poster presentation.
- A0607** 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. American Psychosocial Oncology Society, 2006, poster presentation.
- A0608** Mertens AC, Steele JR, Goodman P, Oeffinger KC, Robison LL, Hudson MM. Follow-Up Care in Cancer Survivors: Newsletters Can't Do It Alone - A Report from the Childhood Cancer Survivor Study. American Psychosocial Oncology Society, 2006, platform presentation.
- A0609** Mitby PA, Mertens AC, Hudson MM, Eshelman DE, Jacox C, Jones JK, Kamani S, Allam RK, Oeffinger KC. Does a Cognitive-Based Intervention Increase the Likelihood of Screening for Serious Late Effects in Adult Survivors of Childhood Cancer? Project Vision: A Report from CCSS. 9th International Conference on Long Term Complications of Treatment of Children and Adolescent for Cancer, 2006, platform presentation.
- A0610** 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). American Society of Hematology, 2006, media platform presentation.
- A0611** 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.
- A0612** 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, 2006, platform presentation.
- A0613** Whelan KF, Kawashima T, Mitby P, Blatt J, Waterbor J, Castleberry R, Sande J, Packer R, Sklar C, Robison L, Mertens A. Auditory and Speech Complications on Childhood Cancer Survivors: A Report from CCSS. American Society of Clinical Oncology, 2006, platform presentation.
- A0614** Whelan K, Mertens A, Castleberry R, Mitby P, Kawashima T, Sklar C, Packer R, Waterbor J, Blatt J, Robison L. Visual complications in childhood cancer survivors: a Childhood Cancer Survivor Study report. 9th International Conference on Long Term Complications of Treatment of Children and Adolescent for Cancer, 2006, platform presentation.

2005

- A0501** Owen JE, Kawashima T, Myers CD, Lu Q, Zebrack B, Mertens A, Robison L, Zeltzer LK. Pain prevalence and retrospective incidence in childhood cancer survivors: A report from the Childhood Cancer Survivor Study. American Society of Psychosocial Oncology, January, 2005, platform presentation.
- A0502** Nagarajan R, Clohisey DR, Neglia JP, Sklar C, Robison, LL. Amputation in pediatric lower extremity bone sarcoma survivors: Predictors of function and quality of life. American Society of Pediatric Hematology-Oncology meeting May, 2005, poster presentation.
- A0503** 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. American Society of Pediatric Hematology-Oncology, May, 2005, poster presentation.

A0504 Gurney JG, O'Leary M, Ness KK, Shalamar SD, Baker KS. Metabolic syndrome and growth hormone deficiency in adult survivors of childhood leukemia. Submitted to the American Society of Pediatric Hematology-Oncology, May, 2005.

A0505 Oeffinger K, Mertens A, Sklar C, Kawashima T, Hudson M, Meadows A, Marina N, Kadan-Lottick N, Leisenring L, Robison L. Prevalence and severity of chronic diseases in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology, May, 2005, platform presentation, plenary session.

A0506 Mertens A, Yasui Y, Liu Y, Neglia J, Robison L. Late cause-specific mortality in long-term survivors of childhood and adolescent cancer: An update from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, May, 2005, poster presentation.

A0507 Henderson T, Whitton J, Hammond S, Stovall M, Meadows A, Mertens A, Neglia J, Robison L, Cook F, Diller L. Sarcomas as a subsequent malignancy in survivors of pediatric malignancy: The Childhood Cancer Survivor Study. American Society of Clinical Oncology, May, 2005, platform presentation.

A0508 Bowers DC, McNeil DE, Liu Y, Leisenring W, Gurney J, Stovall M, Donaldson SS, Packer RJ, Robison LL, Oeffinger KC. Risk of stroke among >5 year survivors of childhood leukemia and brain tumors: A report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology, May, 2005, platform presentation.

A0509 Casillas J, Castellino DM, Hudson MM, Mertens AC, Whitton J, Brooks SL, Zeltzer LK, Ablin A, Robison LL, Oeffinger KC. The effect of insurance and ethnicity on healthcare access and health behaviors: The Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, May, 2005, poster presentation.

A0510 Mertens AC, Neglia JP, Hammond S, Perkins JL, Liu Y, Robison LL. Incidence rates of keratinocyte carcinoma (KC) in survivors of childhood and adolescent cancer: A report from the Childhood Cancer Survivor Study (CCSS). Society of Investigative Dermatology, May, 2005, platform presentation, plenary session.

A0511 Ergun-Longmire B, Mertens AC, Mitby P, Quin J, Heller G, Yasui Y, Robison LL, Sklar CA. Risk of second neoplasms in survivors of childhood cancer treated with growth hormone: An updated report from the Childhood Cancer Survivor Study. Endocrine Society, 2005, platform presentation.

A0512 Chemaitilly W, Mertens AC, Mitby P, Whitton J, Stovall M, Yasui Y, Robison LL, Sklar CA. Acute ovarian failure in survivors of childhood and adolescent cancer: Data from the Childhood Cancer Survivor Study. Endocrine Society, 2005, poster presentation.

2004

A0401 Sigurdson A, Ronckers C., Mertens A, Sklar C, Stovall M, Smith S, Liu Y, Hammond S, Berkow R, Neglia J, Meadows A, Robison L, Inskip P. Second primary thyroid cancer after a first childhood malignancy: A report from the Childhood Cancer Survivor Study. American Association for Cancer Research, oral presentation.

A0402 Lu Q, Myers CD, Owen J, Zebrack BJ, Zevon MA, Mertens A, Robison LL, and Zeltzer LK. Pain prevalence among long-term survivors of childhood cancer: a report from the Childhood Cancer Survivor Study (CCSS). American Pain Society, poster presentation.

A0403 Recklitis CJ, Hudson MM, Zebrack BJ, Mertens AC, Mitby PA, Nagarajan R, Robison LL, Zeltzer L. Psychosocial functioning in a large-scale cohort of childhood cancer survivors: A report from the Childhood Cancer Survivor Study. American Psychosocial Oncology Society, 1st annual conference, oral presentation.

A0404 Bassal M, Kadan-Lottick NS, Neglia J, Taylor L, Yasui Y, Friedman DL, Mertens AC, Robison LL, Meadows AT. Risk of rare adult-type carcinomas as a subsequent neoplasm in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology, poster presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), poster presentation.

A0405 Bowers DC, McNeil DE, Liu Y, Yasui Y, Stovall M, Gurney JG, Hudson MM, Robison LL, Oeffinger KC. Stroke following therapy for Hodgkin Disease (HD): A report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology, poster presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0406 Friedman DL, Whitton J, Yasui Y, Mertens AC, Hammond S, Stovall M, Donaldson SS, Meadows AT, Robison LL, Neglia JP. Risk of second malignant neoplasms (SMN) 20 years after childhood cancer: The updated experience of the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, oral presentation.

A0407 Friedman DL, Whitton J, Yasui Y, Mertens AC, Hammond S, Stovall M, Donaldson SS, Meadows AT, Robison LL, Neglia JP. Second malignant neoplasms in five-year survivors of childhood cancer: An update 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), oral presentation.

A0408 Termuhlen A, Tersak J, Hudson M, Mertens A, Gimpel N, Bleyer W, Yasui Y, Robison L, Oeffinger K. Health status, medical care, preventive screening, and risk behaviors in adult survivors of cancer diagnosed during adolescence: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, poster presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), poster presentation.

A0409 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). Society for Pediatric Research, poster presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0410 Meacham LR, Gimpel N, Overa R, Whitton JA, Sklar CA, Robison LL, Oeffinger KC. Diabetes mellitus in long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). Society for Pediatric Research, poster presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), poster presentation.

A0411 Sklar C, Mertens A, Mitby P, Whitton J, Stovall M, Mulder J, Green D, Nicholson S, Yasui Y, Robison L. Premature menopause in survivors of childhood and adolescent cancer: Data from the Childhood Cancer Survivor Study (CCSS). Society for Pediatric Research, oral presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0412 Castellino SM, Hudson MM, Mertens AC, Yeazel M, Whitton J, Brooks S, Ablin A, Castleberry RP, Hobbie WL, Kaste S, Robison LL, Oeffinger KC. Comparison of long-term outcomes, health care utilization, and health behaviors in young adult African-American (AA) survivors of childhood cancer with white, non-Hispanic (WNH) survivors: A Childhood Cancer Survivor Study (CCSS). Pediatric Academic Societies, poster presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), poster presentation.

A0413 Perkins JL, Liu Y, Mitby PA, Neglia JP, Hammond S, Stovall M, Meadows AT, Hutchinson R, Dreyer Z, Robison LL, Mertens AC. Nonmelanoma skin cancer (NMSC) in survivors of childhood and adolescent cancer: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, oral presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0414 Mulrooney DA, Mertens AC, Neglia JP, Green DM, Zeltzer L, Robison LL. Fatigue and sleep in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, poster presentation; 8th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), poster presentation.

A0415 Owen JE, Myers CD, Lu Q, Zebrack B, Zevon M, Mertens AC, Robison LL, Zeltzer LK. Pain prevalence in 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), poster presentation.

A0416 Mertens A, Riley A, Patenaude A, Bursch B, Robison L, Zeltzer L. Health and Well-Being in Adolescent Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. Cancer Survivorship: Pathways to Health After Treatment Symposium, Washington DC, 2004, poster presentation.

2003

A0301 Neglia J, Inskip P, Liu Y, Yasui Y, Hammond S, Stovall M, Packer R, Meadows A, Mertens A, Robison L. Subsequent neoplasms (SNs) of the central nervous system (CNS) in survivors of childhood cancer: A case/control study from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, oral presentation.

A0302 Brownstein C, Mertens A, Mitby P, Stovall M, Qin J, Heller G, Robison L, Sklar C. Factors that affect final height and change in height SDS in survivors of childhood cancer treated with growth hormone (GH): A report from the Childhood Cancer Survivor Study (CCSS). Pediatric Academic Societies' Annual Meeting, poster presentation.

A0303 Yeazel M, Oeffinger K, Gurney J, Mertens A, Hudson M, Emmons K, Chen H, Robison L. The cancer screening practices of long-term childhood cancer survivors. American Association for Cancer Research, poster presentation.

A0304 Perkins J, Yasui Y, Liu Y, Hammond S, Stovall M, Neglia J, Meadows A, Robison L, Mertens A. Nonmelanoma skin cancer (NMSC) in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, oral presentation.

A0305 Mertens A, Mitby P, Radloss G, Perentesis J, Kiffmeyer W, Neglia J, Meadows A, Jones I, Potter J, Friedman D, Yasui Y, Robison L, Davies S. XRCC1 and glutathione s-transferase polymorphism and susceptibility to therapy-related cancer in Hodgkin's Disease survivors: A report from the Childhood Cancer Survivor Study. American Association for Cancer Research, oral presentation.

A0306 Mulrooney D, Mertens A, Neglia J, Green D, Zeltzer L, Robison L. Fatigue and sleep disturbance in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, poster presentation.

A0201 The Investigators of the Childhood Cancer Survivor Study (CCSS): Long-Term Outcomes Among 5-Year Survivors of Childhood and Adolescent Cancers. American Society of Pediatric Hematology/Oncology, oral presentation.

A0202 Nagarajan R, Clohisey D, Greenberg M, Neglia JP, Sklar C, Yasui Y, Zeltzer L, Robison LL: Limb Function and Quality of Life (QOL) of Survivors of Pediatric Lower Limb Bone Tumors: A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, poster presentation.

A0203 Mitby PA, Robison LL, Whitton JA, Zevon MA, Gibbs IC, Tersak JM, Meadows AT, Stovall M, Zeltzer LK, Mertens AC: Utilization of Special Education (SE) Services and Educational Attainment (EA) Among Long-Term Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, poster presentation.

A0204 Hudson MM, Oeffinger K, Mertens A, Hobbie W, Chen H, Gurney J, Yeazel M, Robison L: General Health Status of Long-Term Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, oral presentation.

A0205 Kadan-Lottick N, Robison L, Gurney J, Neglia J, Yasui Y, Hayashi R, Hudson M, Greenberg M, Mertens A: What Do Childhood Cancer Survivors Know About Their Past Diagnosis and Treatment? A Report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology, poster presentation.

A0206 Oeffinger KC, Mertens A, Sklar C, Yasui Y, Fears T, Stovall M, Robison L: Obesity in Adult Survivors of Childhood Acute Leukemia: A Report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology, poster presentation.

A0207 Mertens A, Yasui Y, Liu Y, Stovall M, Hutchinson R, Sklar C, Robison L: Pulmonary Complications in Survivors of Childhood and Adolescent Cancer: A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, poster presentation.

A0208 Nagarajan R, Clohisey DR, Greenberg M, Neglia JP, Sklar C, Zeltzer L, Yasui Y, Robison LL: Limb Function and Quality of Life (QOL) of Survivors of Pediatric Lower Extremity Bone Tumors: A Report from the Childhood Cancer Survivor Study. 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0209 Kenney LB, Diller L, Friedman D, Neglia J, Yasui Y, Mertens A, Inskip P, Meadows A, Robison L: Risk Factors for Breast Cancer (BC) in Women from the Childhood Cancer Survivor Study (CCSS). 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0210 Oeffinger K, Mertens A, Hudson M, Castillo J, Gurney J, Yeazel M, Chen H, Robison L: Health Care Utilization of Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0211 Oeffinger K, Mertens A, Sklar C, Yasui Y, Fears T, Stovall M, Vik T, Robison L: Acute Lymphoblastic Leukemia and Obesity: A Report from the Childhood Cancer Survivor Study. 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0212 Pang JWY, Friedman DL, Whitton J, Weiss NS, Mertens A, Robison L: Employment Status of Adult Survivors of Pediatric Cancers: A Report from the Childhood Cancer Survivor Study (CCSS). 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0213 Mertens A, Yasui Y, Liu Y, Stovall M, Hutchinson R, Sklar C, Robison L: Pulmonary Complications in Survivors of Childhood and Adolescent Cancer: A Report from the Childhood Cancer Survivor Study (CCSS). 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0214 Yasui Y, Liu Y, Neglia J, Friedman D, Bhatia S, Meadows A, Mertens A, Whitton J, Robison L: A Cautionary Note on the Methodology for the Analysis of Second Malignant Neoplasm (SMN) Risk in Childhood Cancer Survivors: Breast SMN After Hodgkin Disease as an Example. 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0215 Mitby P, Robison L, Whitton J, Zevon M, Gibbs I, Tersak J, Meadows A, Stovall M, Zeltzer L, Mertens A. Utilization of special education services and educational attainment among long-term survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS). 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0216 Gurney JG, Punyko J, Neglia J, Packer R, Sklar C, Kadan-Lottick N, Nicholson HS, Wolden S, McNeil DE, Mertens A., Robison L. Non-neurological late effects among childhood brain tumor survivors: an analysis from the childhood cancer survivors study. 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

A0217 Kadan-Lottick N, Robison L, Gurney J, Neglia J, Yasui Y, Hayashi R, Hudson M, Greenberg M, Mertens A. What do childhood cancer survivors know about their past diagnosis and treatment?: A report from the Childhood Cancer Survivor Study. 7th International Conference on Long-Term Complications of Treatment of Children and Adolescents for Cancer (Niagara-on-the-Lake), oral presentation.

2001

A0101 Sklar C, Mertens A, Mitby P, Qin J, Heller G, Yasui Y, Robison L: Risk of Disease Recurrence and Second Neoplasms (SN) in Survivors of Childhood Cancer Treated With Growth Hormone (GH): Data from the Childhood Cancer Survivor Study (CCSS). Pediatric Endocrine Society, oral presentation.

A0102 Green D, Whitton J, Stovall M, Mertens A, Donaldson S, Ruymann F, Pendergrass T, Robison L: Pregnancy Outcome of Partners of Male Survivors of Childhood Cancer. A Report from the Childhood Cancer Survivor Study (CCSS). American Association of Cancer Research, poster presentation.

A0103 Kadan N, Friedman D, Mertens A, Yasui Y, Whitton J, Robison L, Strong L: Clarification of Self-Reported Family History Data by Telephone Interview: A Report from the Childhood Cancer Survivor Study (CCSS). American Association of Cancer Research, poster presentation.

A0104 Friedman D, Kadan-Lottick N, Liu Y, Mertens A, Robison L, Strong L: History of Cancer Among First-Degree Relatives of Childhood Cancer Survivors: A Report from the Childhood Cancer Survivor Study. American Society of Clinical Oncology, poster presentation.

A0105 Neglia J, Yasui Y, Mertens A, Friedman D, Hammond S, Donaldson S, Stovall M, Meadows A, Robison L: Second Primary Neoplasms (SPNs) of the Central Nervous System (CNS) in Five Year Survivors of Childhood Cancer — A Report from the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, oral presentation.

A0106 Gurney JG, Packer R, Punyko J, Sklar C, Kadan-Lottick N, Neglia J, Nicholson S, Wolden S, McNeil E, Mertens A, Robison L: Non-neurological Late Effects Among Childhood Brain Tumor Survivors: A Preliminary Analysis from the Childhood Cancer Survivor Study. Society for Neuro-Oncology, oral presentation.

A0107 The Investigators of the Childhood Cancer Survivor Study (CCSS). Long-Term Outcomes Among Survivors of Cancer During Childhood and Adolescence. Society for Epidemiologic Research, poster presentation.

A0108 Mulvihill JJ, Strong LC, Robison LL: Genetic Disease in Offspring of Survivors of Childhood and Adolescent Cancer. American Society of Human Genetics, poster presentation.

A0109 Hammond S, Neglia J, Qualman S, Mertens A, Yasui Y, Meadows A, Robison L. Tissue archive of second malignant neoplasms (SMN) in the Childhood Cancer Survivor Study (CCSS). Pediatric Academic Societies, poster presentation.

2000

A0001 Packer RJ, Gurney J, Zeltzer L, Mertens A, Robison L: Long-Term Neurologic and Neurocognitive Status of Childhood Brain Tumors: A Childhood Cancer Survivor Study (CCSS) Report. Society for Neuro-Oncology, oral presentation.

A0002 Neglia J, Yasui Y, Mertens A, Friedman D, Hammond S, Donaldson S, Stovall M, Meadows A, Robison L: Second Primary Neoplasms (SPNs) of the Central Nervous System (CNS) in Five Year Survivors of Childhood Cancer--A Report from the Childhood Cancer Survivor Study (CCSS). International Pediatric Neuro-Oncology Symposium, oral presentation.

1999

A9901 Sklar C, Whitton J, Mertens A, Stovall M, Green D, Marina N, Greffe B, Wolden S, Robison L: Thyroid Dysfunction in Survivors of Hodgkin's Disease (HD): Data from the Childhood Cancer Survivor Study (CCSS). American Pediatric Society and Society for Pediatric Research, oral presentation.

A9902 Mertens A, Neglia J, Yasui Y, Potter J, Nesbit M, Ruccione K, Smithson A, Robison L: Mortality Rates and Causes of Death in 5-Year Survivors of Childhood and Adolescent Cancer. American Society of Clinical Oncology, oral presentation.

A9903 Neglia J, Mertens A, Yasui Y, Hammond S, Friedman D, Donaldson S, Meadows A, Robison L: Risk of Second Primary Neoplasms (SPNs) in Survivors of Childhood Cancer--Initial Analysis of the Childhood Cancer Survivor Study (CCSS). American Society of Clinical Oncology, oral presentation.

A9904 Neglia J, Mertens A, Yasui Y, Hammond S, Friedman D, Donaldson S, Meadows A, Robison L: Risk Factors For Second Primary Neoplasms (SPNs) in Long-Term Survivors of Childhood Cancer--Initial Analysis of the Childhood Cancer Survivor Study (CCSS). International Society of Paediatric Oncology-American Society of Pediatric Hematology-Oncology meeting, oral presentation.

A9905 Mertens A, Neglia J, Yasui Y, Potter J, Nesbit M, Ruccione K, Smithson A, Robison L: Mortality in Five-Year Survivors of Childhood and Adolescent Cancer — Preliminary Analysis of the Childhood Cancer Survivor Study (CCSS). International Society of Paediatric Oncology-American Society of Pediatric Hematology-Oncology meeting, poster presentation.

A9906 Green DM, Whitton J, Stovall M, Mertens A, Ruymann F, Pendergrass T, Robison L: Pregnancy Outcome After Treatment for Cancer During Childhood or Adolescence. A Report from the Childhood Cancer Survivor Study (CCSS). International Society of Paediatric Oncology-American Society of Pediatric Hematology-Oncology meeting, oral presentation.

1998

A9801 Hammond S, Qualman S, Neglia J, Meadows A, Robison L. Mucoepidermoid carcinoma (MEC) of the salivary gland occurring as a second malignant neoplasm (SMN) in the Childhood Cancer Survivor Study (CCSS). Society for Pediatric Pathology, oral presentation.

1997

A9701 Hammond S, Qualman S, Neglia J, Meadows A, Robison L. Assessment and validation of second neoplasms in the Childhood Cancer Survivor Study (CCSS). Society for Pediatric Pathology, oral presentation.

Investigator-Initiated, Ancillary Studies for External-Funding That Utilize the CCSS Resource

Ancillary Studies: Completed

Principal Investigator: Charles Sklar (Memorial Sloan Kettering Cancer Center)

Title: Safety/Efficacy of Growth Hormone Therapy in Survivors of Childhood Cancer

Dates of Funding: 9/96 - 8/00

Funding Source: Genentech Foundation

Award: \$222,150

Study Aims: Evaluate the use of growth hormone therapy in survivors of childhood cancer to determine potential impact on final height, risk of cancer-recurrence, and risk of second neoplasm.

Principal Investigator: Karen Emmons (Harvard University)

Title: Smoking Cessation among Childhood Cancer Survivors

Dates of Funding: 9/98 - 7/03

Funding Source: National Institutes of Health (R01 CA77780-04S1)

Award: \$2,174,161

Study Aims: Conduct a randomized intervention trial to test a peer-based smoking cessation program for long-term survivors of childhood cancer.

Principal Investigator: H. Stacy Nicholson (Oregon Health Sciences Center)

Title: Quality of Life after Successful Treatment for Acute Myelogenous Leukemia

Dates of Funding: 7/98 – 6/04

Funding Source: National Institutes of Health (R01 CA78960-01)

Award: \$732,679

Study Aims: Evaluate the occurrence of late effects among five-year survivors of childhood acute myeloid leukemia to compare the risks associated with intensive therapy, including bone marrow transplantation.

Principal Investigator: Charles Sklar (Memorial Sloan Kettering Cancer Center)

Title: Premature Menopause in Survivors of Childhood Cancer

Dates of Funding: 9/98 – 8/01

Funding Source: National Institutes of Health (R01 CA79024)

Award: \$482,000

Study Aims: Examine the prevalence and risk factors for premature menopause and associated psychosexual functioning in a cohort of 5500 young adult female survivors of cancer diagnosed during childhood and adolescence.

Principal Investigator: Kevin Oeffinger (Memorial Sloan Kettering Cancer Center)

Title: Patient Perceived Barriers to Long-Term Follow-up for Adult Survivors of Childhood Cancer

Dates of Funding: 7/99 – 6/04

Funding Source: Robert Wood Johnson Foundation

Award: \$232,010

Study Aims: Determine the spectrum of, and characteristics predictive for barriers to cancer-related health care of adult survivors of childhood cancer.

Principal Investigator: John Boice (International Epidemiology Institute)

Title: Preconception Radiation and Reproductive Outcomes among Survivors of Childhood Cancer

Dates of Funding: 2000 - 2005

Funding Source: Westlakes Research Institute

Award: \$450,000

Study Aims: Investigate the potential risk of transgenerational effects among the offspring of survivors of childhood cancer in the USA and Denmark who were treated with radiation.

Ancillary Studies: Completed (continued)

Principal Investigator: Ann Mertens (University of Minnesota)

Title: Health Profiles in Adolescent Survivors of Childhood Cancer

Dates of Funding: 1/01 – 12/03

Funding Source: American Cancer Society

Award: \$565,000

Study Aims: Investigate the physical, cognitive and emotional development of adolescent survivors of childhood cancer to aid in development interventions to improve quality of life.

Principal Investigator: Rajaram Nagarajan (University of Minnesota)

Title: Function and Quality of Life of Survivors of Pediatric Lower Limb Tumors

Dates of Funding: 7/01 – 6/02

Funding Source: ASCO (Young Investigator Award)

Study Aims: Investigate the function, quality of life, and psychosocial outcomes of adult survivors of pediatric lower extremity bone tumors to compare amputation and limb-sparing surgeries within age-specific groups.

Principal Investigator: Ann Mertens (University of Minnesota)

Title: Radiation Dosimetry for Childhood Cancer Survivors

Dates of Funding: 1/03 – 12/05

Funding Source: Lance Armstrong Foundation

Award: \$148,984

Study Aims: Estimate tissue-specific dose of radiation received by survivors of childhood cancer who experience selected adverse outcomes within the context of a nested case-control study.

Principal Investigator: Kevin Oeffinger (Memorial Sloan Kettering Cancer Center)

Title: Feasibility Study for Project VISION: A Virtual Information Center for Survivors

Dates of Funding: 1/03 – 12/05

Funding Source: Lance Armstrong Foundation

Award: \$90,190

Study Aims: Assess the feasibility of a randomized clinical trial using a virtual information center as a cognitive-based intervention with survivors and health care providers.

Principal Investigator: James Gurney (University of Minnesota)

Title: Metabolic Syndrome in Adult Survivors of Childhood acute Lymphoblastic Leukemia

Dates of Funding: 7/04 – 6/06

Funding Source: National Institutes of Health (R21 CA1068778)

Award: \$225,000

Study Aims: Evaluate clinically the metabolic syndrome and associations with growth hormone deficiency and endothelial impairment as late effects of treatment for childhood acute lymphoblastic leukemia.

Principal Investigator: Kevin Oeffinger (Memorial Sloan Kettering Cancer Center)

Title: Mammography and High-Risk Survivors of Pediatric Cancer

Dates of Funding: 9/04 – 7/07

Funding Source: National institute of Health (R21 CA106972)

Award: \$225,000

Study Aims: Evaluate the prevalence of and factors predictive for mammography among long-term survivors of childhood cancer who are at high-risk for radiation-induced breast cancer.

Principal Investigator: Lonnie Zeltzer (UCLA)

Title: Psychosocial, Behavioral and Pain Outcomes in Survivors of Childhood Cancer

Dates of Funding: 1/05 – 12/07

Funding Source: Lance Armstrong Foundation

Award: \$150,000

Study Aims: Determine, within the CCSS cohort, the prevalence and risk factors for psychosocial outcomes in long-term survivors of childhood and adolescent cancer.

Ancillary Studies: Completed (continued)

Principal Investigator: Ann Mertens (University of Minnesota)
Title: Radiation Dose and Risk of Non-Melanoma Skin Cancer in Cancer Survivors
Dates of Funding: 1/06 – 12/08
Funding Source: Lance Armstrong Foundation
Award: \$247,500
Study Aims: Investigate radiation doses and the subsequent risk of non-melanoma skin cancer in cancer survivors.

Principal Investigator: Kenan Onel (University of Chicago)
Title: Prognostic Genetic Biomarkers for Cancer
Dates of Funding: 7/07 – 6/10
Funding Source: National Cancer Institute (R21 CA129045-02)
Award: \$220,000
Study Aims: Detailed genomic and functional analysis of inborn susceptibilities in another SMN, IR-induced SMN in Hodgkin disease survivors.

Ancillary Studies: Active

Principal Investigator: Debra Friedman (Vanderbilt University)
Title: Health Outcomes for Hodgkin Disease Survivors
Dates of Funding: 9/04 – 6/10
Funding Source: National Institutes of Health (R01 CA106750-05)
Award: \$2,279,993
Study Aims: Examine the cumulative incidence and characterize the spectrum of selected adverse physiologic and psychosocial outcomes in contemporarily treated Hodgkin disease survivors.

Principal Investigator: Yuri Nikiforov (University of Pittsburgh)
Title: Mechanisms of RET/PTC Rearrangements in Thyroid Cancer
Dates of Funding: 4/07 – 3/12
Funding Source: National Institutes of Health
Award: \$1,706,391
Study Aims: To test whether alterations in one or more DNA repair genes lead to an increased rate of RET/PTC rearrangement in vitro and to thyroid cancer in patients exposed to radiation.

Principal Investigator: Lillian Meacham (Emory University)
Title: Testicular and sexual dysfunction in adult survivors of childhood cancer
Dates of Funding: 1/07 – 12/09
Funding Source: Lance Armstrong Foundation
Award: \$199,715
Study Aims: Investigate the psychosexual function of male long-term survivors of childhood cancer to determine the prevalence of and risk factors for physiological and psychological adverse outcomes.

Principal Investigator: Robert Klesges (St. Jude Children's Research Hospital)
Title: Efficacy of a Tobacco Quit Line for Childhood Cancer Survivors
Dates of Funding: 1/08 – 11/12
Funding Source: National Institutes of Health (R01 CA127964-04)
Award: \$3,087,994
Study Aims: To conduct a randomized intervention trial designed to test the efficacy of Pro-active versus Reactive approach for smoking cessation.

Principal Investigator: Tara Henderson (University of Chicago)
Title: Health Beliefs and Behavior: Cohort Studies in Pediatric Cancer Survivorship
Dates of Funding: 9/08 – 8/12
Funding Source: National Institutes of Health (K07 CA134935-02)
Award: \$480,000
Study Aims: Characterize barriers and facilitators of breast cancer surveillance, diagnosis and therapy in women with secondary breast cancer, and explore associations between breast cancer surveillance practices, initial method of detection, health beliefs and breast cancer outcomes.

Ancillary Studies: Active (continued)

Principal Investigator: Peter Stambrook (University of Cincinnati)

Title: Environmental Exposure: Susceptibility alleles in a DNA damage response pathway

Dates of Funding: 12/08 – 11/13

Funding Source: National Institutes of Health (1R01 ES016625-01A1)

Award: \$2,537,000

Study Aims: Define genetic changes a signaling pathway that contribute to susceptibility to breast cancer after environmental exposure.

Principal Investigator: Elyse Park (Massachusetts General Hospital)

Title: Are Adult Survivors of Childhood Cancer Underinsured?

Dates of Funding: 1/09 – 12/11

Funding Source: Lance Armstrong Foundation

Award: \$240,367

Study Aims: To compare survivor's and sibling's quality of coverage, perceptions of coverage, consequences of inadequate coverage and coverage-related concerns. To examine survivors' and siblings' knowledge regarding relevant legislations.

Principal Investigator: Douglas Ris (Baylor College of Medicine)

Title: Adult Neurobehavioral Late Effects of Pediatric Low Grade Brain Tumors

Dates of Funding: 6/09 – 4/14

Funding Source: National Institutes of Health (R01 CA132899-01A1)

Award: \$1,827,576

Study Aims: Ascertain the presence, degree and nature of neuropsychological dysfunction in adults treated as children for low grade brain tumors and to investigate accelerated cognitive aging.

Principal Investigator: Stella Davies (Cincinnati Children's Hospital Medical Center)

Title: Prediction Model for Radiation Sensitivity in Children with Cancer

Dates of Funding: 7/09 – 6/11

Funding Source: National Cancer Institute (U01 CA139275-01)

Award: \$410,944

Study Aims: To identify genetic polymorphisms related to BCC following radiation.

Principal Investigator: Lorna Finnegan (University of Illinois at Chicago)

Title: Symptom Cluster Subgroups in Adult Survivors of Childhood Cancer

Dates of Funding: 7/09 – 6/11

Funding Source: National Institutes of Health (R01 CA136912-02)

Award: \$487,066

Study Aims: Identify subgroups using a five-symptom cluster including pain, fatigue, sleep disturbance, psychological stress, difficulty concentrating to determine relations with influencing factors (e.g., cancer type, treatment modality, etc.).

Principal Investigator: Melissa Hudson, Cheryl Cox (St. Jude Children's Research Hospital)

Title: Evaluation of Cardiovascular Outcomes Among Childhood Cancer Survivors (ECHOS)

Dates of Funding: 9/09 – 7/13

Funding Source: National Institutes of Health (R01 NR011322-02)

Award: \$2,177,710

Study Aims: Assess the efficacy of the intervention in increasing the rate of CV screening and to identify changes in survivor behavioral characteristics in response to the intervention, their mediating effects on the primary outcome, and the cost-effectiveness of the intervention.

Principal Investigator: Kevin Oeffinger (Memorial Sloan Kettering Cancer Center)

Title: EMPOWER Study: Encourage Mammography and Prevention Opportunities for Women Exposed to Radiation

Dates of Funding: 9/09 – 7/14

Funding Source: National Institutes of Health (R01 CA134722)

Award: \$2,392,669

Study Aims: Determine efficacy of stepwise two-component intervention on mammography rates and explore moderating and mediating factors.

Ancillary Studies: Active (continued)

Principal Investigator: Cheryl Cox (St. Jude Children's Research Hospital)

Title: Investigating the needs of childhood cancer survivors: The unreported experience (INSURE)

Dates of Funding: 1/10 – 12/11

Funding Source: National Cancer Institute (R21 CA14292-01)

Award: \$401,603

Study Aims: Evaluate the psychometric and item-response performance of a needs assessment survey; evaluate sample selection participants and response rates to inform future longitudinal needs assessment surveys.

Principal Investigator: Chaya Moskowitz (Memorial Sloan Kettering Cancer Center)

Title: Prediction model: Breast Cancer in Women Irradiated for Pediatric Malignancy

Dates of Funding: 4/10 – 1/14

Funding Source: National Institutes of Health (R01 CA136783)

Award: \$1,630,970

Study Aims: Determine association of dose of chest radiation, additional treatment factors, and traditional breast cancer risk factors associated with risk of breast cancer among childhood cancer survivors, then develop a breast cancer risk prediction tool.

Principal Investigator: Kayla Kamdar (Baylor)

Title: Genetic Susceptibility to Obesity after Treatment for Childhood Leukemia

Dates of Funding: 10/10 – 9/13

Funding Source: Leukemia & Lymphoma Society Translational Research Award

Award: \$600,000

Study Aims: Using genome-wide and candidate pathway analyses, this study aims to identify genetic variants and ultimately key biological pathways that are involved in the development of obesity.

Principal Investigator: Thomas Hardee (Drexel University)

Title: Latent Trajectories of Late Treatment Effects in Pediatric Brain Tumor Survivors

Dates of Funding: 1/11 – 1/13

Funding Source: Oncology Nurse Society Foundation

Award: \$10,000

Study Aims: Identify longitudinal patterns of psychosocial outcomes in adult survivors of childhood brain tumors

Principal Investigator: David Hodgson (University of Toronto)

Title: Secondary prevention among childhood cancer survivors: a quantitative approach to facilitate the effective use of screening

Dates of Funding: 4/11 – 3/13

Funding Source: POGO: Pediatric Cancer Outcomes Initiative (PCOI)

Award: \$115,140

Study Aims: To quantify the benefit of selected health maneuvers among childhood cancer survivors (early onset breast and colorectal cancer screening, echocardiography) using Markov transition-state models.

Principal Investigator: Siv Sivaloganathan (University of Waterloo)

Title: Effective estimation of second cancer risks and resultant possible improvements in treatment protocols

Dates of Funding: 4/11 – 3/14

Funding Source: Canadian Institutes of Health Research – NSERC CHRP

Award: \$468,819

Study Aims: To develop predictive models of second cancer risk among adolescent Hodgkin lymphoma patients based on 3-dimensional normal tissue radiation dosimetry.

Principal Investigator: Jean Nakamura (University of California, San Francisco)

Title: Neurofibromin and response to genotoxins

Dates of Funding: 7/12 – 6/15

Funding Source: St. Baldrick's Foundation

Award:

Study Aims: (1) Determine whether loss of heterozygosity in tumor suppressor genes identified in the *Nf1* mutant mouse model occurs in second malignant neoplasms of childhood cancer survivors, and (2) determine whether transcript levels of candidate tumor suppressor genes are reduced in second malignant neoplasms.

Ancillary Studies: Active (continued)

Principal Investigator: Emily Tonorezos (Memorial Sloan Kettering Cancer Center)

Title: Diet and insulin resistance in survivors of childhood leukemia

Dates of Funding: 6/11 – 6/14

Funding Source: American Cancer Society (Career Development Award)

Award: \$300,000

Study Aims: 1) Determine the effectiveness of a remotely delivered diet and physical activity intervention among obese ALL survivors, 2) Calculate the effect of the diet and physical activity intervention on insulin, leptin/adiponectin, and lipids.

Principal Investigator: Emily Tonorezos (Memorial Sloan Kettering Cancer Center)

Title: Diet and insulin resistance in survivors of childhood leukemia

Dates of Funding: 1/14 – 3/16

Funding Source: American Institute for Cancer Research

Award: \$165,000

Study Aims: 1) Determine the effectiveness of a remotely delivered diet and physical activity intervention among obese ALL survivors, 2) Calculate the effect of the diet and physical activity intervention on insulin, leptin/adiponectin, and lipids.

Principal Investigator: Sogol Mostoufi-Moab (University of Pennsylvania)

Title: Bone Deficits and Excess Adiposity after Pediatric Bone Marrow Transplantation

Dates of Funding: 6/13 – 5/18

Funding Source: National Institutes of Health (K07 CA166177)

Award: \$153,281

Study Aims: Among survivors of HSCT to characterize changes in bone density and structure, body composition and fat distribution, and associated risk factors and outcomes.

Principal Investigator: Alan Geller (Harvard School of Public Health)

Title: Risk Reduction and Early Detection Strategies for Skin Cancer Control among Childhood Cancer Survivors

Dates of Funding: 5/13 – 4/18

Funding Source: National Institutes of Health (R01 CA175231)

Award: \$4,117,427

Study Aims: 1) Determine the impact of a patient activation and education intervention with and without physician education and teledermatology on skin cancer early detection practices and 2) Determine the impact of patient activation and education on utilization.

Principal Investigator: Karen Effinger (Stanford University)

Title: Longitudinal Evaluation of Health Status in Survivors of Pediatric Astrocytoma

Dates of Funding: 7/14 – 6/15

Funding Source: ASCO Conquer Cancer Foundation Young Investigator Award (YIA)

Award: \$50,000

Study Aims: To evaluate 1) Health status, 2) Chronic Health Conditions and 3) Treatment-related risk factors among survivors of astrocytoma.

Principal Investigator: Emily Tonorezos (Memorial Sloan Kettering Cancer Center)

Title: Diet and insulin resistance in survivors of childhood leukemia

Dates of Funding: 8/14 – 7/19

Funding Source: National Institutes of Health (R01)

Award: \$3,220,769

Study Aims: 1) Determine the effectiveness of a remotely delivered diet and physical activity intervention among obese ALL survivors, 2) Calculate the effect of the diet and physical activity intervention on insulin, leptin/adiponectin, and lipids.

Principal Investigator: Maria Gramatges (Baylor College of Medicine)

Title: Shortened telomere length and defects in telomere maintenance associated with thyroid second malignant neoplasm in childhood cancer survivors

Dates of Funding: Pending notification of award

Funding Source: National Institutes of Health (R01)

Award: \$1,030,014

Study Aims: 1) Determine whether SNPs associated with telomere maintenance are enriched in survivors with thyroid SMN (GWAS), 2) To look at impact of defects in telomere maintenance genes upon telomerase function

Ancillary Studies: Active (continued)

Principal Investigator: Smita Bhatia (City of Hope)

Title: Developmental HyperActive Ras Tumor SPORE, (Subsequent Malignant Neoplasms among individuals with NF1)

Dates of Funding: 7/15- 6/

Funding Source: National Institutes of Health (SPORE)

Award: \$2,300,000

Study Aims: 1) to implement effective targeted molecular therapies for neoplasms and cancers characterized by NF1 mutations by conducting integrated, mechanistically based translational research, 2) to describe risk of SMNs and demographic/therapeutic factors associated with SMNs in individuals with NF1 and primary cancer

Ancillary Studies: Proposed

Principal Investigator: Jennifer Yeh (Harvard School of Medicine)

Title: Refining risk-based follow-up guidelines to improve childhood cancer survivorship

Proposed Funding Source: National Institutes of Health (R01)

Study Aims: 1) Develop a childhood cancer survivor policy model, 2) Identify risk subgroups for identifying lifelong burden of disease

Status: Submitted 6/14, unscored. Resubmitted 2/15

Principal Investigator: Sabine Mueller (University of California San Francisco)

Title: Stroke in Survivors of Childhood Cancer

Proposed Funding Source: National Institutes of Health (R01)

Study Aims: 1) Direct MRI assessment of large/small vessel stroke, 2) Prevalence and risk factors for microbleeds

Status: Submitted 10/14, scored 45th percentile, Resubmission pending

Principal Investigator: Liang Zhu (St. Jude Children's Research Hospital)

Title: New Methods to Address Dilemmas in Mixed Recurrent-event and Panel-count data

Proposed Funding Source: National Institutes of Health (R21)

Study Aims: Develop Semi-parametric methods for regression analysis of mixed recurrent event data with terminal events

Status: Submitted 10/14, scored 18th percentile, Resubmission 6/15

Principal Investigator: Kenneth Offit (Memorial Sloan Kettering Cancer Center) and Charles Mullighan (St. Jude)

Title: Genetic Susceptibility to Acute Lymphoblastic Leukemia

Proposed Funding Source: National Institutes of Health (R01)

Study Aims: (1) To identify novel ALL susceptibility genes using massively parallel sequencing of familial ALL kindreds, (2) To identify underlying genetic susceptibility factors for the development of second and subsequent cancers in ALL, and (3) To determine the extent to which germline deleterious variants contribute to sporadic ALL.

Status: Submitted 2/14, scored 32nd percentile, revision 7/14, scored 22nd percentile. Resubmission planned

Principal Investigator: I-Chan Huang (St. Jude Children's Research Hospital)

Title: Symptom Progress and Adverse Health Outcomes in Adult Survivors of Childhood Cancer

Proposed Funding Source: National Institutes of Health (R21)

Study Aims: (1) To investigate individual symptom categories and clusters across multiple time points
(2) To investigate the prognostic value of symptoms for developing chronic conditions

Status: Submitted 2/2015

Ancillary Studies: Unfunded

Principal Investigator: Melissa Hudson (St. Jude Children's Research Hospital)

Title: Promoting Health Monitoring After Childhood Cancer

Proposed Funding Source: National Institutes of Health

Study Aims: Conduct a randomized trial to test generic health risk promotion versus tailored health risk promotion with proactive counseling to increase the rate of successful screening according to risk-based recommendations.

Principal Investigator: Debra L. Friedman (Fred Hutchinson Cancer Research Center)

Title: A Web-Based Approach to Familial Cancer Risk

Proposed Funding Source: Lance Armstrong Foundation

Study Aims: Develop and test a web-based strategy for the investigation of familial cancers and second cancer risks among pediatric cancer survivors.

Ancillary Studies: Unfunded

Principal Investigator: Anne Lown (San Francisco State University)

Title: Alcohol Consumption Among Childhood Cancer Survivors

Proposed Funding Source: National Institutes of Health (K07 application)

Study Aims: Describe the prevalence and risk factors for survivors and sibling drinking and health-risk behaviors over time.

Principal Investigator: Craig Lustig (Children's Cause for Cancer Advocacy)

Title: Childhood Cancer Survivor Study Partners

Proposed Funding Source: National Institutes of Health (Application submitted for RFA)

Study Aims: Establish a formal collaboration between an informed, responsible core of CCSS participants and investigators.

Principal Investigator: Andrea Patenaude (Dana Farber Cancer Institute)

Title: Understanding Genetic Medicine: Towards a Guide for Survivors

Proposed Funding Source: Lance Armstrong Foundation

Study Aims: To evaluate the potential genetic factors that may modify risk for adverse late effects in childhood cancer survivors.

Principal Investigator: Qian Lu (UCLA)

Title: A Longitudinal Study of Pain in Long-term Survivors of Childhood Cancer

Proposed Funding Source: Lance Armstrong Foundation

Study Aims: To determine the potential impact of chronic pain on overall quality of life among cancer survivors.

Principal Investigator: Richard Sposto (Children's Hospital Los Angeles)

Title: Statistical Models for Risk/Benefit Analysis of Targeted Treatment Strategies in Childhood Cancer

Proposed Funding Source: National Institutes of Health (R21)

Study Aims: Statistical/methodological research addressing issues of acute toxicities and long-term sequelae of therapy, potentially providing new approaches for predicting the potential treatment-specific risks within pediatric cancer survivors.

Principal Investigator: Whitney Witt (University of Wisconsin)

Title: The Impact of Childhood Cancer Survivorship on Parental Psychosocial Outcomes, Health, and Aging

Proposed Funding Source: National Institutes of Health (R01)

Study Aims: Identify the factors related to poor psychosocial outcomes (stress and family burden) among parents of long-term survivors of childhood cancer.

Principal Investigator: Jaya Satagopan (Memorial Sloan-Kettering Cancer Center)

Title: Evaluation of Statistical Interactions in Cancer Epidemiology Studies

Proposed Funding Source: National Institutes of Health (R01)

Study Aims: To expand upon previous work and develop novel methods for evaluating interactions through investigating parametric link functions, shrinkage methods, and removable interactions, with subsequent software development.

Principal Investigator: Richard Sposto (Children's Hospital Los Angeles)

Title: Personalized Therapeutic Decision-making for Childhood Cancer

Proposed Funding Source: Patient-Centered Outcomes Research Institute (PCORI)

Study Aims: Statistical/methodological research addressing issues of acute toxicities and long-term sequelae of therapy, potentially providing new approaches for predicting the potential treatment-specific risks within pediatric cancer survivors.

Principal Investigator: Javier Blanco (University of Buffalo)

Title: Characterization of Cardiac Mitochondrial DNA in Donors with Down Syndrome

Proposed Funding Source: National Institutes of Health (K03)

Study Aims: To understand the specific alterations in cardiac mitochondrial DNA among individuals with and without Down Syndrome to inform future avenues of research to identify those factors associated with cardiotoxicity.

Principal Investigator: Smita Bhatia (City of Hope) and Yutaka Yasui (University of Alberta)

Title: Genetic predisposition to non-malignant adverse events in survivors of Pediatric Hematological Malignancies

Proposed Funding Source: Leukemia and Lymphoma Society

Study Aims: 1) Identify germline variants associated with cognitive deficits, CHF, CAD, stroke, ovarian failure, and hypothyroidism, 2) Examine role of gene-environment interactions, 3) Replication of top SNPs.

CCSS Career Development Award Winners					
Category	Awardee	Application Title	Direct Costs Awarded	CCSS Working Group	Primary Mentor
2013					
Junior Faculty	Sogol Mostoufi-Moab, MD Children's Hospital of Philadelphia	Overall risk of Chronic Endocrine Disorders in Adult Survivors of Childhood Cancer	\$50,000	Chronic Disease	Mary Leonard
2014					
Junior Faculty	Philip Lupo, PhD Baylor College of Medicine	Epigenomic profiling of metabolic outcomes in childhood leukemia survivors	\$20,000	Genetics	Smita Bhatia
Junior Faculty	Rebecca Howell, PhD UT MD Anderson Cancer Center	Radiation dose reconstruction methods for intensity modulated radiation therapy	\$19,901	Second Malignancies	Marilyn Stovall
Trainee	Giselle Perez, PhD Massachusetts General Hospital	Mental healthcare service availability and utilization among childhood cancer survivors	\$3,000	Psychology and Cancer Control	Elyse Park
Trainee	Melissa Schapiro, MD St. Louis Children's Hospital	Cognitive and academic difficulties in survivors of head/neck rhabdomyosarcoma	\$3,000	Psychology	Robert Hayashi
2015					
Junior Faculty	Danielle Novetsky Friedman, MD, Memorial Sloan Kettering	Impact of radiation dose to the pancreas on subsequent risk of diabetes mellitus	\$20,000	Chronic Disease	Charles Sklar
Junior Faculty	Adam Esbenshade, MD Vanderbilt University	Using the Cumulative Illness Rating Scale to characterize the burden of chronic conditions	\$20,000	Chronic Disease	Kirsten Ness
Trainee	Douglas Fair, MD University of Utah	Health care financial burden and missed opportunities for care	\$3,000	Chronic Disease	Anne Kirchhoff
Trainee	Aurelie Weinstein, Georgia State University	Predictors and outcomes of personal strengths in young adult cancer survivors	\$3,000	Psychology	Chris Heinrich
International Trainee	Miranda Fidler, University of Birmingham, UK	Comparison of risks for mortality and subsequent cancers in the CCSS and the BCCSS	\$10,000	Chronic Disease	Mike Hawkins

CCSS Trainee List

Trainee/Mentee	Training Experience	Current Position	First Authored CCSS Publications
Nina Kadan-Lottick, MD, MSPH	Post-doctoral Fellowship	Associate Professor Division of Pediatric Hematology-Oncology Yale University New Haven CT	JAMA 2002; Epidemiology 2003 Pediatr Blood Cancer 2006 J Clin Oncol 2008 J Natl Cancer Inst 2010
Brad Zebrack, PhD	Post-doctoral Fellowship	Associate Professor School of Social Work University of Michigan Ann Arbor, MI	Pediatr 2002; J Clin Oncol 2004 Pediatr Blood Cancer 2007 Psychooncology 2012
Pauline Mitby, MPH	Graduate Training	Clinical Research Associate Division of Pediatric Hematology-Oncology Children's Hospital of Minnesota Minneapolis, MN	Cancer 2003
Rajaram Nagarajan, MD, MS	Post-doctoral Fellowship and Graduate Training	Associate Professor Division of Pediatric Hematology-Oncology Cincinnati Children's Hospital Cincinnati, OH	Cancer 2003 Br J Cancer 2004 J Cancer Surviv 2009 Cancer 2011
Carrie M. Brownstein, MD	Post-doctoral Fellowship	Senior Clinical Scientist and Sr. Associate Clinical Director Roche Pharmaceuticals Assistant Clinical Professor Department of Pediatric Hematology-Oncology New York-Presbyterian/Columbia New York, NY	J Clin Endocrinol Metab 2004
Lisa Kenney, MD, MPH	Post-doctoral Fellowship	Assistant Professor Department of Pediatrics Harvard Medical School Pediatric Oncology Dana-Farber Cancer Institute Boston MA	Ann Intern Med 2004
Elyse Park, PhD	Graduate Training	Associate Professor Harvard Medical School Department of Psychiatry Massachusetts General Hospital Boston MA	J Clin Oncol 2005 Prev Med, 2006 J Cancer Surviv, 2012 J Clin Oncol, 2015
Sharon Castellino, MD, MS	Graduate Training	Associate Professor Department of Pediatrics Wake Forest University Winston-Salem, NC	J Clin Oncol 2005 Blood 2011
Joanna Perkins, MD, MS	Post-doctoral Fellowship and Graduate Training	Hematology-Oncology Children's Hospital of Minnesota Minneapolis, MN	J Clin Oncol 2005 Cancer 2014
Judy Punyko, PhD	Graduate Training	State Maternal and Child Health Epidemiologist Minnesota Department of Health St Paul, MN	Pediatr Blood Cancer 2005
Wassim Chemaitilly, MD	Post-doctoral Fellowship	Assistant Member Endocrinology St. Jude Children's Research Hospital Memphis, TN	J Clin Endocrinol Metab 2006
Mylene Bassal, MD	Post-doctoral Fellowship	Assistant Member Department of Pediatrics University of Ottawa Ottawa, Canada	J Clin Oncol 2006
Berrin Ergun-Longmire, MD	Post-doctoral Fellowship	Assistant Professor Division of Pediatric Endocrinology Robert Wood Johnson Medical School New Brunswick, NJ	J Clin Endocrinol Metab 2006

CCSS Trainee List

Trainee/Mentee	Training Experience	Current Position	First Authored CCSS Publications
Cecile Ronckers, PhD	Post-doctoral Fellowship	Epidemiologist AMC/Emma Children's Hospital Amsterdam, Netherlands	Radiat Res 2006
Tara Henderson, MD, MPH	Fellowship and Graduate Training	Assistant Professor Department of Pediatrics University of Chicago Chicago, IL	JNCI 2007 Ann Intern Med, 2012 Int J Radiat Oncol Bio Phys, 2012
Eric Chow, MD, MPH	Fellowship and Graduate Training	Medical Director Pediatric Cancer Long Term Follow-up Program Seattle Children's Hospital Seattle, WA	J Pediatr 2007 Pediatr Blood Cancer 2008 Pediatr Blood Cancer 2009 Pediatr Blood Cancer 2013 J Clin Oncol 2015
Todd Florin, MD	Medical Student	Assistant Professor Cincinnati Children's Hospital Cincinnati, OH	CEBP 2007
Kris Ann Schultz, MD, MS	Fellowship and Graduate Training	Hematology-Oncology Children's Hospital of Minnesota Minneapolis, MN	J Clin Oncol 2007 Pediatr Blood Cancer 2014
Jenny Pang, MD, MPH	Fellowship and Graduate Training	Clinical Assistant Professor School of Public Health University of Washington Seattle, WA	Pediatr Blood Cancer 2008
Irina Dinu, PhD	Post-doctoral Fellowship	Assistant Professor Department of Public Health Sciences University of Alberta Edmonton, Alberta	Pediatr Blood Cancer 2008
Daniel Mulrooney, MD, MS	Fellowship and Graduate Training	Assistant Member St. Jude Children's Research Hospital Memphis, TN	Sleep 2008 Cancer, 2008 Br Med J 2009
Elizabeth Bluhm, MD, MPH	Post-doctoral Fellowship	Department of Internal Medicine Washington Hospital Medical Center Washington, DC	Blood 2008
Anne Lown, DrPH	Post-doctoral Fellowship	Assistant Clinical Professor Dept. of Family Health Care Nursing UCSF San Francisco, CA	Addiction 2008 Psychooncology 2013
Edward Garmey, MD	Post-doctoral Fellowship	Chief Medical Officer and Senior Vice President Cerulean Pharma Inc. Cambridge, MA	J Clin Oncol 2008
Natasha Buchanan, PhD	Post-doctoral Fellowship	Behavioral Scientist Centers for Disease Control Atlanta, GA	Cancer 2009
Meagan Lansdale, MD	Medical Student	Assistant Professor UCSF School of Medicine San Francisco, CA	Cancer 2009
Caroline Laverdiere, MD	Fellowship Training	Assistant Professor Department of Pediatrics University of Montreal Montreal, QC	JNCI 2009
Christopher Janson, MD	Medical Student	Cardiology Fellow Children's Hospital of Philadelphia Philadelphia, PA	CEBP 2009
Karen Wasilewski-Masker, MD, M.Sc.	Fellowship Training	Assistant Professor Department of Pediatrics Emory University School of Medicine Atlanta, GA	JNCI 2009 J Cancer Surviv 2014

CCSS Trainee List

Trainee/Mentee	Training Experience	Current Position	First Authored CCSS Publications
Lisa Kahalley, PhD	Post-doctoral Fellowship	Assistant Professor Baylor College of Medicine Houston, TX	Nicotine Tob Res 2010 Pediatr Blood Cancer 2012
Beth Kurt, MD, MS	Fellowship and Graduate Training	Pediatric Oncologist Helen DeVos Children's Hospital Grand Rapids, MI	Pediatr Blood Cancer 2011
Timothy Best, PhD	Graduate degree (PhD)	Senior Analyst Sg2 Healthcare Intelligence Firm Skokie, IL	Nat Med 2011
Anne Kirchhoff, PhD, MPH	Post-doctoral Fellowship	Assistant Professor University of Utah Salt Lake City, UT	Med Care, 2010 CEBP 2011 Cancer 2011 Med Care 2010 Support Care Cancer, 2013 J Natl Cancer Inst 2015
Michele Montgomery, PhD	Graduate degree (PhD)	Assistant Professor University of Alabama Tuscaloosa, AL	J Cancer Surv 2011
Nancy Clanton, PhD	Post-doctoral training	Pediatric Neuropsychologist LeBonheur Children's Hospital Memphis, TN	Cancer 2011
Kerri Nottage, MD	Fellowship training	Assistant Member St. Jude Children' Research Hospital Memphis, TN	Blood 2011
Carmen Wilson, PhD	Post-doctoral Fellowship	Post-doctoral Fellow St. Jude Children' Research Hospital Memphis, TN	Cancer 2012 JNCI 2013 CEBP 2014
Houda Boukheris, MD	Post-doctoral Fellowship		Int J Radiat Oncol Biol Phys 2012
Tanya Watt, MD	Fellowship training	Assistant Professor UT Southwestern Dallas, TN	JNCI 2012
Julienne Brackett, MD	Fellowship training	Assistant Professor Texas Children's Hospital Houston, TX	Neuro Oncol 2012
Tien Huang, PhD	Post-doctoral Fellowship	Instructor University of Oklahoma Norman, OK	Pediatr Blood Cancer 2013
Lucie Turcotte, MD, MPH	Fellowship training	Assistant Professor University of Minnesota Minneapolis, MN	Manuscript Submitted
Jeanne Steele, PhD	Post-doctoral Fellowship	Program Consultant Office of Health Improvement State of Minnesota	J Cancer Surviv 2013
Casey Daniel, PhD	Graduate degree (PhD)	Research Fellow Harvard School of Public Health Boston, MA	Cancer 2015 Trials 2015
Prasad Gawade, PhD	Fellowship training	Amgen Thousand Oaks, CA	Am J Obstet Gynecol 2014
Sara Barton, MD	Fellowship training	Assistant Professor Brigham & Women's Boston, MA	Lancet Oncol 2013
Stefan Essig, MD, PhD	Research Fellow	Research Fellow University of Bern Bern, Switzerland	Lancet Oncol 2014

CCSS Trainee List

Trainee/Mentee	Training Experience	Current Position	First Authored CCSS Publications
Pinki Prasad, MD, MPH	Fellowship training	Assistant Professor Louisiana State University New Orleans, LA	J Clin Oncol, 2015
Karen Tsui, MD	Fellowship training	Assistant Professor Starship Hospital Auckland, New Zealand	Neuro Oncol 2014
Eugene Suh, MD	Fellowship training	Fellow University of Chicago Chicago, IL	
Giselle Perez, PhD	Post-doctoral Fellowship	Fellow Massachusetts General Hospital Boston, MA	
Melissa Shapiro, MD	Fellowship training	Assistant Professor Memorial Sloan Kettering Cancer Center New York, NY	
Dava Szalda, MD	Fellowship training	Fellow Children's Hospital of Philadelphia Philadelphia, PA	
Lieke Feijen	Graduate Training	Graduate Student Academic Medical Center Amsterdam, The Netherlands	Manuscript Submitted
Huiru Dong, MSc	Graduate Training	Graduate Student University of Alberta Edmonton, Alberta, Canada	Am J Epidemiol, 2015
Kelly Kenzik, PhD	Graduate Training	Post-doctoral Fellow University of Alabama Birmingham, Alabama	Neuropsychology 2014
Douglas Fair, MD	Fellowship Training	Fellow University of Utah Salt Lake City, UT	
Aurelie Weinstein	Graduate Training	Graduate Student Georgia State University Smyrna, GA	
Miranda Fidler	Graduate Training	Graduate Student University of Birmingham Birmingham, UK	

Report date: 5/2015



The Childhood Cancer Survivor Study

CCSS

Childhood Cancer Survivor Study

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Sample LTFU Participant Brief Updates; Newsletter

A BRIEF UPDATE

From the Long-Term Follow-Up Study

April 2015

<http://ltfu.stjude.org>

Topic: EXERCISE AND HEART HEALTH

Why is this topic important for survivors?

Childhood cancer survivors often develop heart disease, as well as other chronic health problems, decades earlier than people who were not treated for childhood cancer. This is because the side effects of cancer treatment can “speed up” the normal effects of aging and poor health habits.

Physical activity and exercise have been shown to improve health for many chronically ill individuals, including those with heart disease. We wanted to find out if exercise can reduce the risk of serious heart disease in survivors. To answer this question we looked at the experience of Hodgkin lymphoma survivors, but we believe the results apply to all survivors.

Who and What we studied:

Responses of 1,187 Hodgkin lymphoma survivors to the Long-Term Follow-Up Study baseline and follow-up surveys were included in the study. The survivors were from 18 to 48 years old.

Questions on the surveys asked participants about their exercise habits and about whether they had experienced a serious heart problem such as a heart attack, heart failure, problems with heart rhythm, or heart valve abnormalities.

How did we measure exercise?

We looked at questionnaire responses to the following question about **vigorous** exercise:

“On how many of the past 7 days did you exercise or do sports for at least 20 minutes that made you sweat or breathe hard (for example, dancing, jogging, basketball, and so on)?”

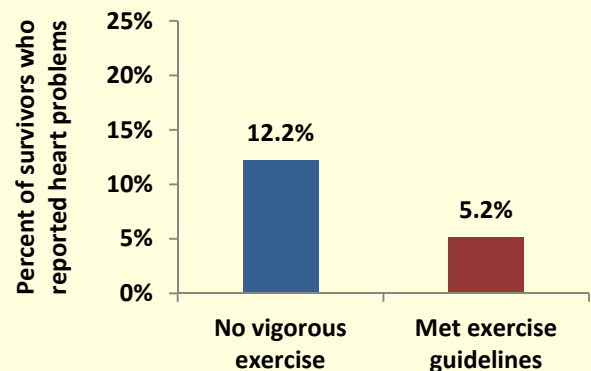
Survivors who reported they did vigorous exercise on 3 or more days in the past 7 days met the U.S. national guidelines for vigorous intensity exercise for adults.

We did not look at possible effects of mild or moderate exercise.

What we found:

- Vigorous exercise that met national guidelines was linked to a lower risk of heart problems in the future, even for survivors who had received heart-damaging treatment or had risk factors for heart disease such as high blood pressure, high cholesterol, or being overweight.
- The **more** people exercised, the **fewer** heart problems they later reported. This type of finding is called a **dose-response** relationship and is considered to be strong evidence that a conclusion is valid.

Survivors who met guidelines for vigorous exercise reported many fewer heart problems than those who did not exercise



Conclusions:

- ✓ Vigorous exercise may significantly reduce the risk of serious heart disease for survivors. In fact, the risk was decreased by 51 percent for those who met the guidelines for vigorous exercise compared to those who did not meet the guidelines.
- ✓ Doctors and nurses should ask survivors about their exercise habits and help them make a plan to increase their physical activity levels.
- ✓ Survivors should ask their doctors about physical activities that are safe for them to do.

Reference: Exercise and risk of major cardiovascular events in adult survivors of childhood Hodgkin lymphoma: a report from the Childhood Cancer Survivor Study. Jones LW, Liu Q, Armstrong GT, Ness KK, Yasui Y, Devine K, Tonorezos E, Soares-Miranda L, Sklar CA, Douglas PS, Robison LL, Oeffinger KC. *J Clin Oncol*. 2014 Nov 10;32(32):3643-50.

Exercise is Medicine

The results of this study add to the evidence that physical exercise is a powerful preventive and corrective medicine for many chronic health problems. And almost everyone (even people with severe disabilities) can benefit from increased physical activity. ***Before starting any new exercise, it's important to talk to your doctor about what's safe for you and your specific condition.***

If exercise is medicine, what's the right dose? This study found that doing **vigorous** physical activity for 20 minutes or more on 3 or more days per week had a powerful positive effect. This amount of exercise cut the risk of later experiencing a serious heart problem in half for the survivors in the study!

Of course, not everyone is capable of taking part in regular vigorous activity. Fortunately, moderate intensity exercise can have the same benefit as vigorous intensity exercise—you just need to do more of it. U.S. national guidelines prescribe 75 minutes of vigorous-intensity aerobic activity OR 150 minutes of moderate-intensity aerobic activity per week. That means 30 minutes of moderate activity on 5 days of the week—and it's okay to break up the 30 minutes into three sessions of 10 minutes each.

Here's how to tell if you're doing moderate or vigorous activity: When doing moderate activity you'll be able to talk but not to sing. When doing vigorous activity you'll only be able to say a few words without stopping to catch your breath. Below are some examples of moderate and vigorous intensity activities.

Please talk to your doctor about participating in activities that are right for you!

Examples of Moderate Intensity Activities

- Walking briskly (3 miles per hour or faster, but not race-walking)
- Water aerobics
- Bicycling slower than 10 miles per hour
- Using your manual wheelchair
- Tennis (doubles)
- Ballroom dancing
- General gardening

Examples of Vigorous Intensity Activities

- Race walking, jogging, running, or wheelchair sprinting
- Swimming laps
- Tennis (singles)
- Aerobic dancing
- Bicycling 10 miles per hour or faster
- Jumping rope
- Heavy gardening (continuous digging or hoeing)
- Hiking uphill or with a heavy backpack

Study shows many survivors struggle to be physically active and become less active over time

In a recent study looking at responses to follow-up questionnaires, LTFU Study researchers found that:

- Nearly half of survivors (48 percent) did not meet national guidelines for physical activity.
- One in five reported that their physical activity level declined over the 4 year study period.
- Those whose activity levels declined were likely to be female, to be seriously overweight (obese), and to have less than a high school education.
- Survivors with muscle or bone problems such as an amputation or prosthesis were also more likely to have declining activity levels.

Since physical activity is so important for everyone, the authors emphasized the need for healthcare providers to design programs to help **all** survivors participate in exercise. They urged that survivors with physical limitations should be counseled and referred for physical therapy.

Reference: Decline in physical activity level in the Childhood Cancer Survivor Study cohort. Wilson CL, Stratton K, Leisenring WL, Oeffinger KC, Nathan PC, Wasilewski-Masker K, Hudson MM, Castellino SM, Stovall M, Armstrong GT, Brinkman TM, Krull KR, Robison LL, Ness KK. ***Cancer Epidemiol Biomarkers Prev.*** 2014 Aug;23(8):1619-27.

Online Resources

The U.S. **Centers for Disease Control and Prevention** website offers physical activity guidelines, tips, videos, worksheets, etc., for people of all ages and health conditions as well as other resources to help people make the most of their health.

<http://www.cdc.gov/physicalactivity/index.html>

The **National Center on Health, Physical Activity and Disability** advocates for inclusion of people with disabilities in exercise programs and offers a wide variety of resources to help them become more physically active.

<http://www.nchpad.org/>

Exercise is Medicine is a program sponsored by the American College of Sports Medicine (ACSM) and the American Medical Association (AMA). It calls for physical activity and exercise to be standard parts of disease prevention and medical treatment and urges healthcare providers to “write exercise prescriptions” by referring their patients to qualified health and fitness professionals. Additional information can be found at:

<http://www.exerciseismedicine.org/>

A BRIEF UPDATE

From the Long-Term Follow-Up Study

January 2015

<http://ltfu.stjude.org>

Topic: REDUCED TREATMENT SIDE EFFECTS for children diagnosed with low-risk leukemia

Why is this topic important for survivors?

Thanks in part to survivors' participation in research, most children who are treated today for low-risk acute lymphoblastic leukemia (ALL), the most common childhood cancer, no longer receive brain radiation and they receive reduced amounts of chemotherapy compared to children treated in the past. Children in the low-risk group are diagnosed at age 1 to 9 years and have a lower white blood cell count than children in the high-risk group.

Who and What we studied:

To find out more about the likelihood of delayed side effects for children who are currently being treated for low-risk ALL, we looked at questionnaire responses from LTFU Study participants who were diagnosed between 1970 and 1986 and received treatments that are similar to those used today.

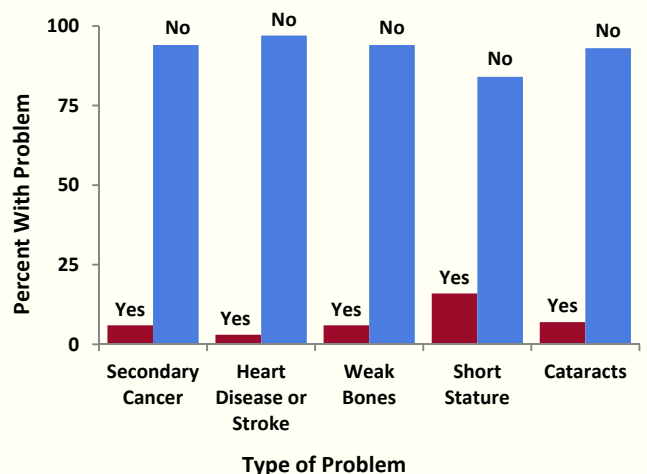
The study included 556 ALL survivors and 2,232 siblings. Survivors were an average of 23 years from diagnosis.

What we found:

- Survivors in this study were at very low risk of death from any cause. Compared to members of the general population, there was no significant difference in risk of death from a second cancer, heart disease, or lung disease.
- Just 2 percent of the study group (12 patients) died of a recurrence. This suggests that a reduction in therapy did not increase the risk of recurrence.
- Only 1 percent of survivors developed a secondary cancer.
- Survivors were as likely as siblings to report good physical and mental health, to marry, live independently, graduate from college, and have health insurance.

- Survivors were at very low risk of developing a new chronic health problem. They were not much more likely than siblings to develop chronic health problems.
- Compared to siblings, survivors were at increased risk of osteoporosis or osteopenia (weak/brittle bones), growth hormone deficiency and short stature, and cataracts. However, the number of survivors who had these problems was very small (*See figure below.*)

Few survivors of low-risk ALL reported chronic health problems



In summary:

- ✓ ALL survivors who received treatments similar to those that are used for current patients are at a low risk of death or major side effects.
- ✓ Information provided by LTFU Study participants reassures us that current low-risk ALL patients will also experience a low risk of mortality and side effects.
- ✓ Since these survivors are at low risk of developing life-threatening conditions, it's likely they can be adequately cared for by a primary care physician who is well informed about the details of their treatment and about the health screenings recommended for these survivors.

Reference: Risk of late effects of treatment in children newly diagnosed with standard-risk acute lymphoblastic leukaemia: a report from the Childhood Cancer Survivor Study cohort. Essig S, Li Q, Chen Y, Hitzler J, Leisenring W, Greenberg M, Sklar C, Hudson MM, Armstrong GT, Krull KR, Neglia JP, Oeffinger KC, Robison LL, Kuehni CE, Yasui Y, Nathan PC. *Lancet Oncol.* 2014 Jul; 15: 841-51.

Survivorship Research Benefits Current and Future Survivors

We're glad that participants in the LTFU Study have made a choice to participate in survivorship research. The information you provide on the study questionnaires helps make research like that reported in this newsletter possible. Thank you, participants. We appreciate your partnership in the the LTFU Study.

Our hope is to help you become empowered survivors who take control of their own health. Empowered survivors take actions to manage their health – everything from informing their doctors about their treatment history to practicing healthy habits like being physically active and maintaining a healthy weight to joining together with other survivors for support and encouragement. Evidence suggests that people who take an active role in managing their health tend to enjoy better health and have greater satisfaction with their healthcare.

The findings reported for this study of ALL survivors are very favorable.

They show that ALL survivors who received treatments similar to current treatments for low-risk ALL are at a low risk of death or major side effects and are leading healthy lives. The authors suggest that such survivors might not need to be followed at a specialized survivorship clinic but could likely receive much of their care from their local primary care doctor instead.

Being cared for by a well-informed primary care doctor may help remove some anxiety for survivors of low-risk ALL and others who are at low risk of delayed treatment side effects. It might also potentially reduce some costs associated with travel to a survivorship clinic.

This arrangement can only work well if survivors share the complete details of their treatment history with their primary care doctors. It's important for all survivors to have a detailed summary of their treatment, regardless of where they receive their routine and follow-up care. If you don't have a treatment summary, request one from the center where you were treated for your childhood illness.

COG Survivorship Guidelines

COG – The Children's Oncology Group – is the world's largest pediatric research organization. COG provides risk-based screening recommendations for survivors of pediatric cancer online at:

<http://www.survivorshipguidelines.org>

Please share this information with all your healthcare providers!

While the participants in this study were found to be at low risk of health problems, the authors caution that the study was not designed to detect developing conditions that have not yet resulted in illness. This is one reason why it's so important even for healthy survivors to make sure they have the recommended health screenings based on their specific treatment risks.

Diana Merino: Empowered Survivor

Diana is a survivor of Hodgkin lymphoma who later developed a secondary cancer. "That's why I am so aware of the need for continued check ups and screening – but beyond that to listen to your own body and be aware of what's going on with it," she says.

"I wouldn't dream of going to my primary care physician without a detailed treatment summary because I couldn't possibly remember all the drugs and doses I received. My doctor needs this detailed information to know the possible health risks I face based on my cancer treatment and what health screenings I need."



Online Resources

The Association of Cancer Online Resources (ACOR) is a collection of online communities that offer support for cancer patients and survivors. Find them at:

www.acor.org

The Patient Empowerment Network is an online community that partners with major medical centers and foundations to help patients and families who are dealing with cancer and serious, life-long chronic conditions. This organization offers a collection of resources for patient self-efficacy (as well as some resources for medical professionals) at the following web address:

www.powerfulpatients.org

LTFU

Long-Term Follow-Up Study

Stay linked to the LTFU Study:

email: ltfu@stjude.org

phone: 1.800.775.2167

Update your contact information at:

<http://ltfu.stjude.org>



*For a list of participating centers,
please see our website*

In this issue:
Importance of Healthy Habits

Study Updates: Modifiable Risk Factors for Serious Diseases	2
New Leadership, New Ways to Connect	3
Exercise: Key to Good Health	3
Making Healthy Changes	4
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The LTFU Study is 20 years old! It is the world's longest-running study of survivors of serious childhood illnesses like cancer. Thank you survivors, siblings, and families, for your continuing support. We appreciate your partnership in this historic research effort.

The study has collected information from over 24,000 survivors and over 5,000 of their siblings to find out about the long-term effects of treatments for serious childhood illnesses. In addition, it has helped survivors understand the health challenges they may face and has informed them about ways to stay on top of their health. Many participants have been in the study since the very beginning, and we are still enrolling new participants so we can learn about late effects of newer treatments.

New leadership. After leading the study since its beginning, Dr. Leslie Robison is handing off the leadership to Dr. Gregory Armstrong. They have worked closely together since 2006, when the study headquarters moved to St. Jude Children's Research Hospital. Dr. Armstrong has been in charge of the study's daily operations while Dr. Robison has been responsible for overall planning and direction.



Dr. Robison (left) and Dr. Armstrong

Dr. Robison notes that after 20 years it's a good time for new leadership at the top. And he says, "Greg is the right person for the job." They'll continue to work closely together and both expect that the leadership change will be seamless. Dr. Robison will continue to take an active role in the LTFU Study. The study staff join in thanking him for his great leadership over the past two decades! He and Dr. Armstrong discuss the leadership change and share some upcoming plans for the study on page 3.

Healthy habits help survivors thrive. The importance of practicing healthy habits for survivors is the focus of this issue of the newsletter. While survivors can't change the fact that they were treated for a serious childhood illness, there are many ways they can help themselves stay healthy. The research presented in this issue brings home the reality that staying in control of your health by practicing a healthy lifestyle really does make a difference. Not smoking, being physically active, achieving and maintaining a healthy weight, and keeping up-to-date with recommended health screenings can reduce your risk of developing a serious health condition like heart disease or stroke. As a bonus, these habits can also increase your enjoyment of life!

On page 4, we offer some ideas for making positive changes in health behaviors, together with encouragement from a survivor who has successfully lost weight and made a significant improvement in her health and wellbeing.

Please watch for the next follow-up survey, which we recently started mailing. We hope you'll take the time to update us on your health.

Would you like to receive the LTFU Study newsletter by email?

Let us know where to send it!

1. Go to <http://ltfu.stjude.org>
2. Click on "Update Your Info" in the menu bar at the top of the screen.
3. Type in your contact information, including your email address (which will only be used by LTFU staff).
4. Check the box that says you'd like to receive the newsletters by email.

Healthy Habits Are Especially Important for Survivors

The importance of healthy habits for survivors has been underlined by findings from two recent studies done by LTFU Study researchers. The studies looked at **modifiable** risk factors that can increase the chances of serious heart disease or stroke for childhood cancer survivors.

What are modifiable risk factors? A *risk factor* is something that raises your chance of developing a disease. Risk factors can be personal traits like age or sex. Certain treatments you received may also be risk factors for disease.

For example, radiation therapy and anthracycline chemotherapy drugs like daunorubicin or doxorubicin are risk factors for heart disease, even though they're needed to cure some childhood illnesses.

Some common lifestyle-related conditions are also risk factors for diseases. The conditions listed in the box below are risk factors for serious heart disease and stroke. They're called **modifiable risk factors** because they can often be prevented or modified by changing our habits.

Conditions that Are Modifiable Risk Factors for Serious Heart Disease or Stroke

- ➔ High blood pressure
- ➔ Diabetes
- ➔ Obesity
- ➔ High levels of cholesterol and other fats in the blood

What these conditions have in common is that they can occur with aging, they can be side effects of some cancer treatments, and they can be treated. In addition, making healthy lifestyle changes such as losing weight, quitting smoking, or becoming more active, can make a big difference in modifying the impact of these conditions on your chance of developing serious heart disease or stroke.

First Study: Modifiable risk factors and major cardiac events

In the first study, a team led by Dr. Greg Armstrong examined the effects of modifiable risk factors such as high blood pressure on survivors' chances of developing a serious heart condition.

The study team looked at the following major heart conditions that survivors and siblings reported on the questionnaires:

Coronary artery disease: *Damage to the blood vessels that supply blood and oxygen to the heart. It can be caused by narrowing of the arteries due to fatty deposits and by inflammation*

of the vessels. Coronary artery disease is a major cause of heart attacks.

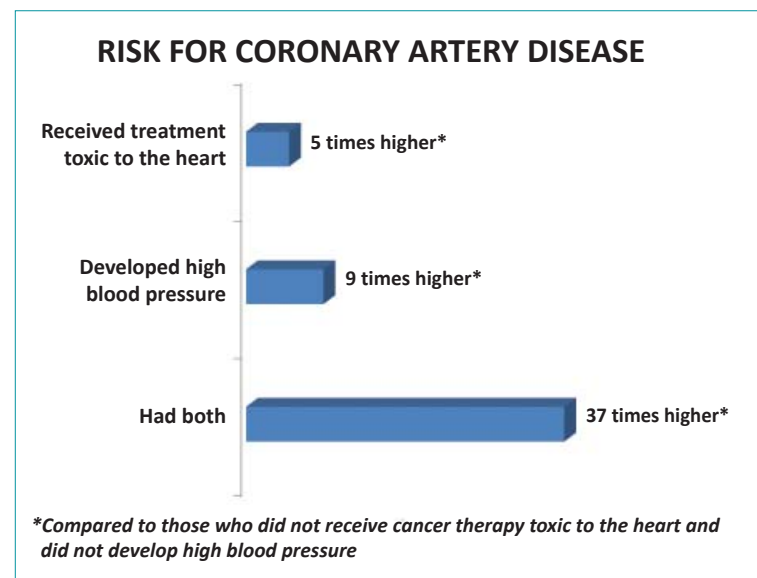
Heart failure: *Damage to the heart muscle that makes the heart unable to pump adequately.*

Heart valve disease: *Damage to the valves in the heart that causes them to leak or to become stiff and narrow so that blood backs up in the heart.*

Arrhythmia: *Problems with the heart beat. Arrhythmia can result in the heart beating too slowly, too fast, or in an irregular way.*

Here's what they learned:

- The chance of developing heart disease was greater than expected for survivors who received treatments linked to heart damage and who later developed one of the modifiable conditions, **especially high blood pressure**.
- As shown in the chart below, survivors who received toxic treatment to the heart and who developed high blood pressure in adult life had the highest risk for coronary artery disease.



Additionally, survivors who reported a modifiable risk factor also had higher risk of heart failure, valve disease, and arrhythmia.

Dr. Armstrong hopes these dramatic and somewhat surprising results will motivate survivors and their healthcare teams to make sure survivors understand the importance of practicing healthy habits. Survivors should receive regular testing for high blood pressure, diabetes, and other treatable conditions that put them at risk of serious heart conditions.

The results of this study were published in the *Journal of Clinical Oncology* 2013; 31(29):3673-80.

Second study: Stroke risk in childhood cancer survivors



Dr. Sabine Mueller
led the study

The second study looked at brain radiation, atherosclerosis, and stroke risk in survivors. *Atherosclerosis* is the buildup of fats on the inner walls of the blood vessels. It is the most common risk factor for stroke in the U.S. adult population. In addition, it is known to be linked to radiation therapy. Atherosclerosis may be preventable and it can be treated.

The research team compared 292 childhood cancer survivors who reported having a stroke with siblings similar in age. On average, the survivors were more than 23 years from the time of their cancer diagnosis.

They learned that . . .

- Survivors were at least 8 times more likely to have a stroke than siblings.
- Survivors who had received brain radiation had a higher risk of stroke compared to survivors who had not received brain radiation. The more radiation they received the greater the risk.
- Survivors who had high blood pressure or diabetes—which are risk factors for atherosclerosis—were at increased risk of having a stroke. Survivors who had high blood pressure had a 4-fold increased stroke risk; the risk for African Americans was even higher.

The team concluded that . . .

- Risk factors for atherosclerosis like high blood pressure and diabetes contribute to the risk of stroke for survivors.
- Survivors who had brain radiation should be tested for high blood pressure and treated if they develop the condition.
- A better understanding of the relationships between brain radiation, atherosclerosis risk factors, and long-term stroke risk is crucial so effective stroke prevention strategies can be developed for childhood cancer survivors.

Dr. Sabine Mueller, the leader of the research team, is an LTFU Study investigator at the University of California, San Francisco. Study results were published in the *International Journal of Radiation Oncology* 2013; 86(4):649-55.

New Leadership, New Ways to Connect

As he hands over the leadership of the LTFU Study to Dr. Greg Armstrong after 20 years, Dr. Les Robison notes that “Dr. Armstrong and I have worked hand-in-glove for most of a decade. The LTFU Study has achieved a lot in that time and this is a good time to bring in new leadership.” Dr. Robison will continue to work closely with Dr. Armstrong to make sure the study provides survivors with tools to achieve the best health possible.

Looking back at the past two decades, Dr. Robison says, “The LTFU Study has really made history for both survivors and health care providers. Thanks to you, our amazing participants, we’ve been able to gain precise information about the health of survivors as they age. The information you’ve provided has helped us to set up detailed guidelines for follow-up health screenings for survivors. The knowledge we’ve gained has also led to improved treatments for new patients.”

Dr. Armstrong adds, “Because of what we’ve learned from participants, you might say the study now works like an early warning system for aging for survivors. Our findings may help them maintain their health as they age.”

Looking forward, Dr. Armstrong says, “The study will only get stronger as the data from an additional 10,000 participants who were treated in a more recent era becomes available for researchers this Fall.

“We will also be trying out new ways of communicating with our participants, for example through mobile phones using text messaging and “apps” or phone applications. The goal is to make it easier to share research results with participants and for them to share their information with us.”

Dr. Armstrong, Dr. Robison, and the study team are committed to building on the great results achieved so far. Thank you, study participants, for being our dedicated, long-term partners in this work!

Exercise is a master key to health. It can help you . . .

- Maintain a healthy weight
- Prevent and control high blood pressure
- Prevent and control diabetes
- Keep cholesterol levels healthy

If you'd like to be more active, ask your doctor about how to get started with activities that are right for you.



Making Healthy Changes

The basic recipe for a healthy lifestyle is pretty well-known: Eat a balanced diet with lots of vegetables, fruits, and fiber; limit calories from fat; don't overeat; don't smoke; stay active and exercise for 30 minutes on most days; get a good night's sleep; limit alcohol use, and manage your stress. The findings reported in this newsletter show that these good habits are especially important for survivors, who may be at risk of serious disease if they develop common lifestyle-related conditions like high blood pressure, diabetes, obesity, or high cholesterol.

But realistically, people don't always make healthy lifestyle choices, and they often have mixed feelings about changing old habits. Overeating, smoking, or being inactive may provide comfort and a feeling of being in control. On the other hand, it takes effort, commitment, and sometimes a painful struggle to replace unhealthy habits with healthy ones.

Motivation is key to making successful changes. And motivation is personal, it's the thing that makes you tick. Once you find *your* motivation, you're on your way! Below are some ideas for making healthy changes that some people have found useful.

- For many people, another person is their motivation for change. Ask someone you trust to help you as you make new habits.
- Think about a time you successfully made a change. What did you do and how did you feel? You did it once, you can do it again.
- Be a critical observer of your own behavior and thoughts. You don't have to believe it when you tell yourself it's no use!
- Change one small thing at a time—say going to bed or getting up 10 minutes earlier than usual. Allow success to build up your self-confidence.
- Use the power of routine. Set up regular times to practice your new habits.
- Use the power of NOW. When you're feeling discouraged or overwhelmed try getting up and doing one thing.
- Never be afraid or embarrassed to start over—again. You'll be glad you stuck with it.
- Before starting a new diet or exercise program be sure to check in with your health care team!

We would love to hear about your experiences making healthy habits. If you'd like to share with us, please send an email to:

ltfu@stjude.org

What Worked for Elisa



Elisa Franco knows she needs to take care of her health. She knows the treatments she received as a child to cure her brain tumor might put her at risk for health problems down the road. Right now, though, she's more concerned with looking good and feeling great. She's learned that exercising and being careful about what she eats help her do both.

Elisa is a high-school senior from Valencia, California, near Los Angeles. Standing just 4 feet 9 inches tall, and with a taste for sweets, she recently decided she wanted to lose some weight in order to look and feel her best. To keep things simple she started out by using some pre-packaged protein meals and vitamins. She also got serious about exercise. Elisa works out at the same gym as her mom, fitting in an hour of exercise on most days.

She does both strength training to build muscle and “cardio”—exercises that work her heart. She's been at it for a month and has lost six pounds so far.

Elisa has some weakness in her left side and balance is an issue for her. “It's easier for me to walk when I'm lighter,” she says, “and I have so much more energy inside.” It's also easier for her to wear the fashionable clothes she loves.

Elisa is looking forward to a busy senior year, and to going on to college next year, where she plans to major in interior design. Beyond that? “I want to live for a long time!” she says.

By finding her personal motives to take charge of her health Elisa is helping herself to make that wish a reality.

Online Resources

www.heart.org/HEARTORG/GettingHealthy/GettingHealthy_UCM_001078_SubHomePage.jsp

Diet and exercise resources, smoking cessation, and stress management tools from the American Heart Association.

www.nutrition.gov/nutrition-and-health-issues/heart-health

Nutrition, recipes, information on exercise, some resources in Spanish, some geared toward specific groups such as African-Americans.

<http://smokefree.gov>: Strategies for quitting smoking that can apply to changing any habit.