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Roswell Park Cancer Institute
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University of Minnesota
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U.T.M.D. Anderson Cancer Center
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*An NCI-funded resource
for the study of long-term survivors
of childhood cancer*

Annual Investigators' Meeting

**Williamsburg, VA
June 9-10, 2010**

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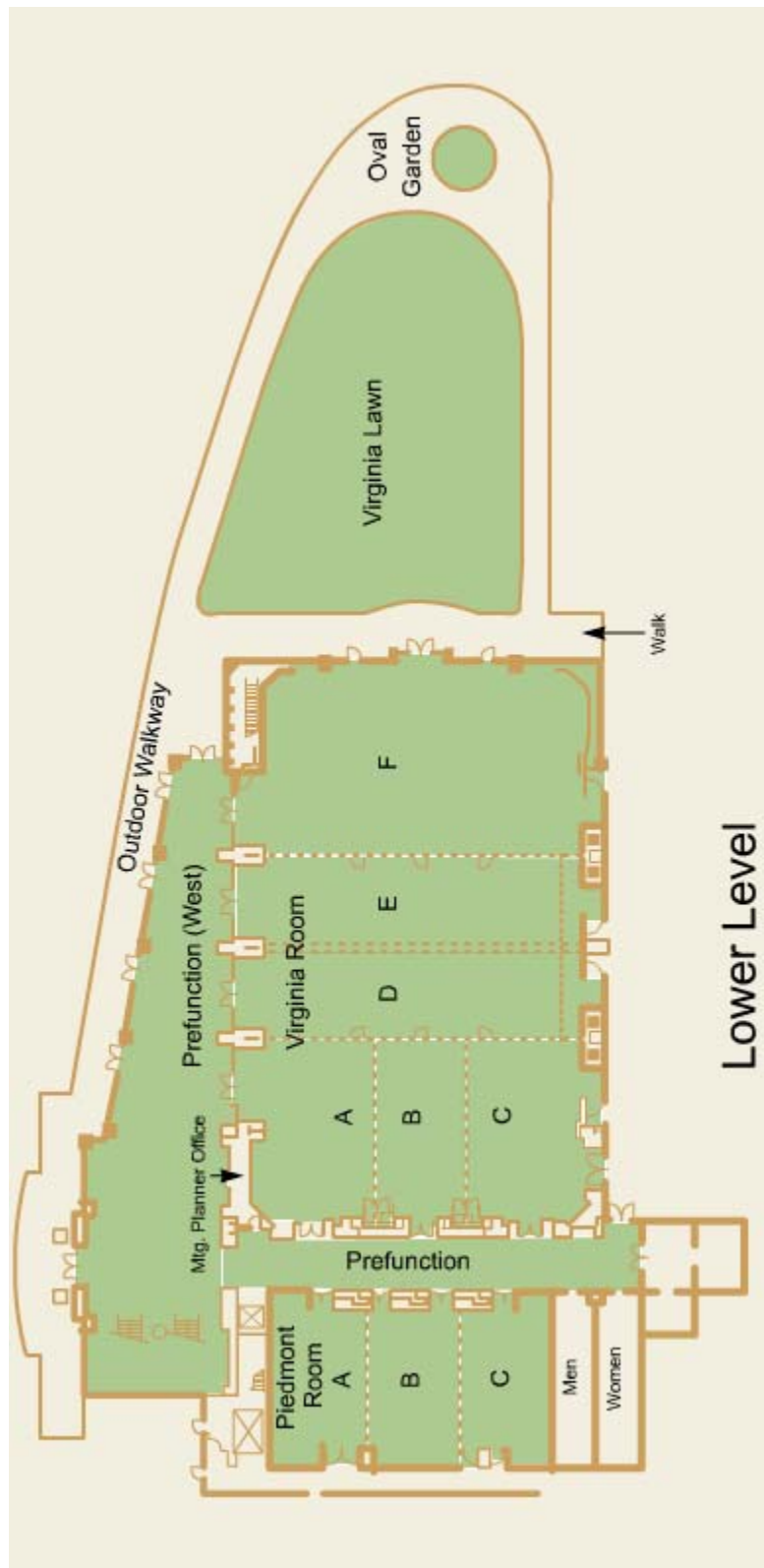
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2010 CCSS Investigator Meeting Agenda

The Williamsburg Lodge
Williamsburg, VA

<u>Day/Time</u>	<u>Meeting</u>	<u>Attendees</u>	<u>Room</u>
Wed, June 9			
8:00	Steering Committee (continental breakfast 7:00)	Steering Committee	Piedmont Room
10:45	Steering Committee + External Advisors	Steering Committee + External Advisors	Piedmont Room
11:30	<i>Break</i>		
12:00	Steering Committee + Institutional PIs (box lunch provided)	Steering Committee + Institutional PIs	Piedmont Room
2:00	<i>Break</i>		
2:30	Plenary Session <ul style="list-style-type: none"> • PI Report • Coordinating Center Report • Data/Statistics Center Report • Pathology Center Report • Biorepository Center Report • Publications Committee Report • Education Report • Resource Utilization Report 	All Attendees	Virginia Room ABC
6:00	Reception	All Attendees	Virginia Room F
Thu, June 10			
7:00	Continental Breakfast	All Attendees	Virginia Room D
8:00	Plenary Session <ul style="list-style-type: none"> • Intro to CCSS (CCSS 101) 	All Attendees	Virginia Room ABC
9:30	Plenary Session <ul style="list-style-type: none"> • Chronic Disease Working Group Presentation • Cancer Control Working Group Presentation • Second Malignancy Working Group Presentation • Genetics Working Group Presentation • Neuropsychology Working Group Presentation • Biostat/Epidemiology Working Group Presentation 	All Attendees	Virginia Room ABC
12:00	Box Lunch Break-Out Sessions <ul style="list-style-type: none"> • Each Working Group will be assigned a room to meet with interested investigators 	All Attendees	Piedmont A - C Virginia ABC and D
2:00	Plenary session <ul style="list-style-type: none"> • Research Presentations 	All Attendees	Virginia Room ABC
4:00	Adjourn		

Williamsburg Lodge Meeting Room Floor Plan



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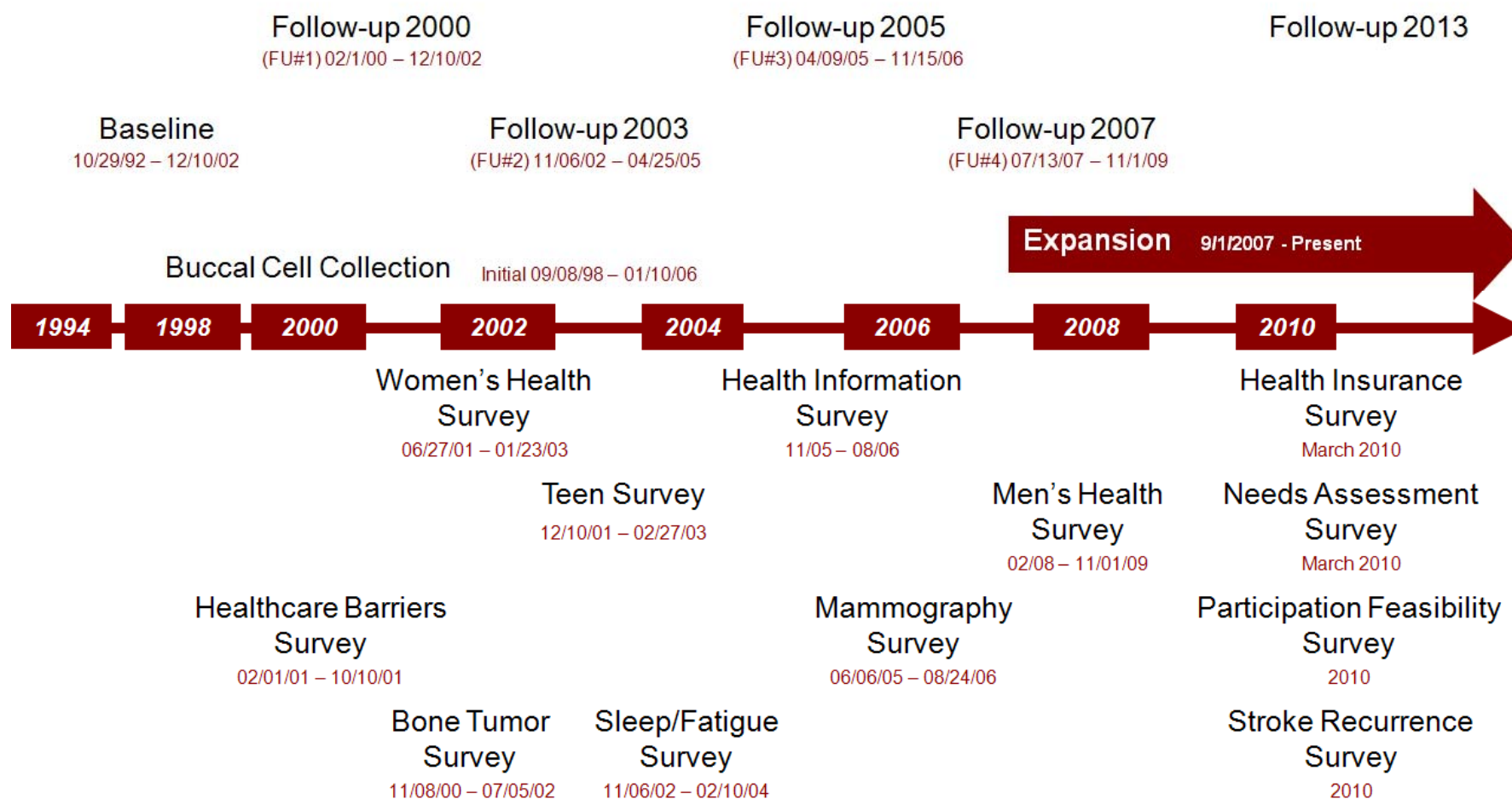
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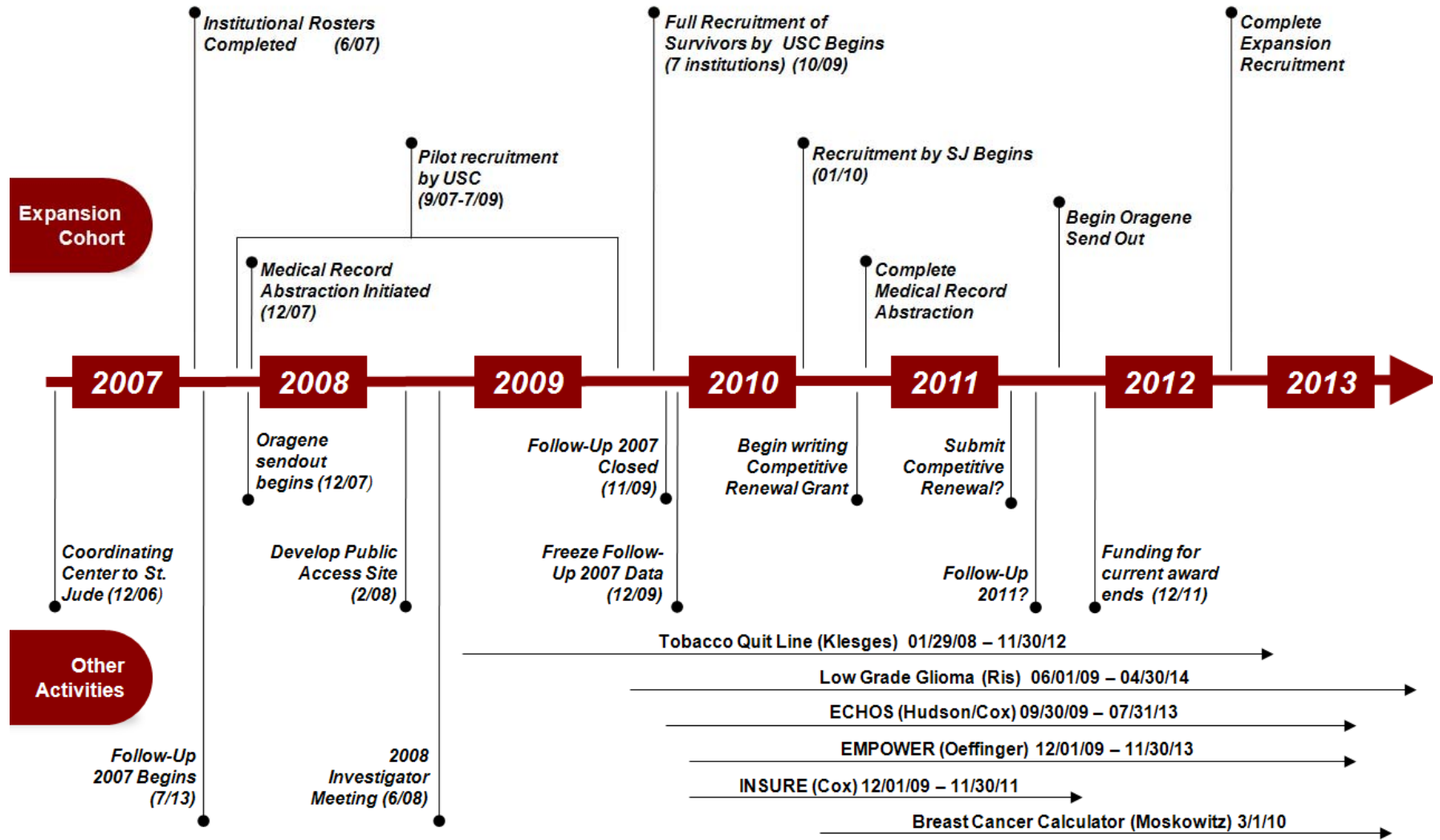
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Buffalo, NY

(Attendees registered as of 5/18/10)

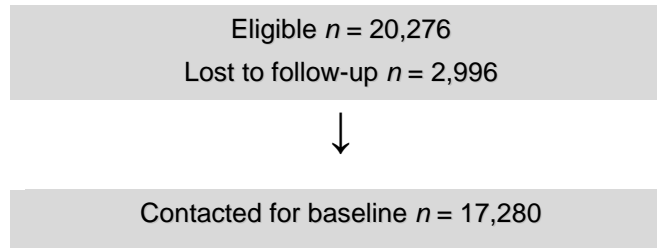
Childhood Cancer Survivor Study (U24 CA55727) Cohort History



Childhood Cancer Survivor Study (U24 CA55727) Coordinating Center Timeline



CCSS 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	20	$n = 17,280^*$	83%	0%	17% [†]	0%	0%
Follow-Up 2000	16	$n = 12,884$	81%	6%	2%	4%	7%
Follow-Up 2003	24	$n = 11,859$	78%	8%	3%	5%	6%
Follow-Up 2005	4	$n = 11,393$	78%	5%	1%	3%	13%
Follow-Up 2007	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 2007 not sent)

***Follow-Up 2007 participation rate is:

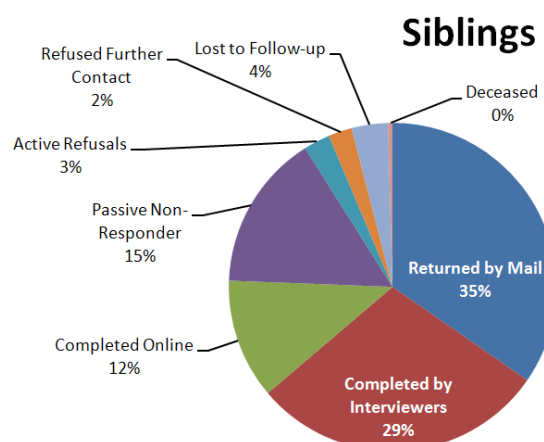
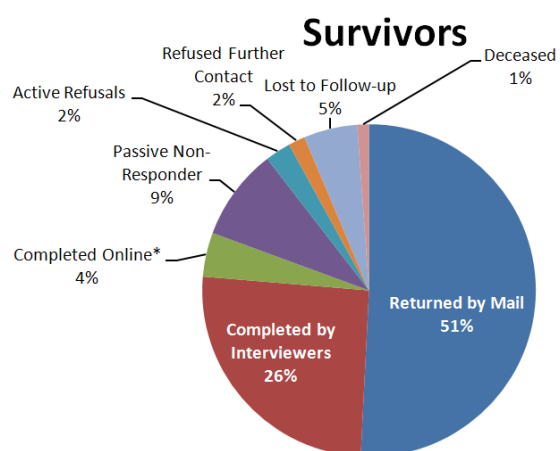
- 79% if “presumed eligible” is used as denominator, or
- 82% if “number sent” is used as denominator

Deceased $n = 2,063$

Report Date 12/12/2009

Follow-Up 2007 Survey Overview

Number Sent	Survivors (n = 9,769)			Siblings (n = 3,065)		
	<i>n</i>	<i>% of Sent</i>	<i>% Completed</i>	<i>n</i>	<i>% of Sent</i>	<i>% Completed</i>
Total Completed	8,015	82.0%		2,378	77.6%	
Returned by Mail	5,050	51.7%	63.0%	1,089	35.5%	45.8%
Completed by Interviewers	2,538	26.0%	31.7%	917	29.9%	38.6%
Completed Online*	427	4.4%*	5.3%	372	12.1%	15.6%
Passive Non-Responder	887	9.1%		485	15.8%	
Active Refusals	248	2.5%		82	2.7%	
Refused Further Contact	162	1.7%		73	2.4%	
Lost to Follow-up	516	5.3%		113	3.7%	
Deceased	113	1.2%		14	0.5%	
</						

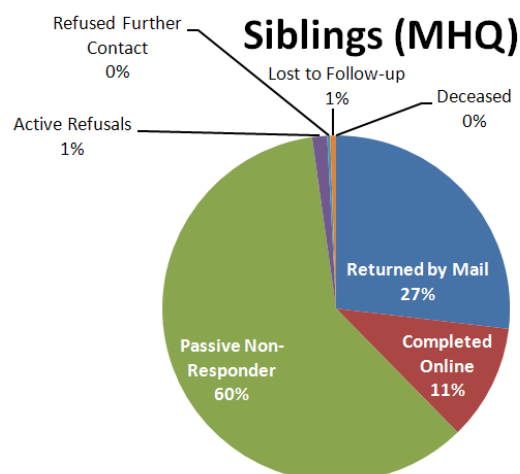
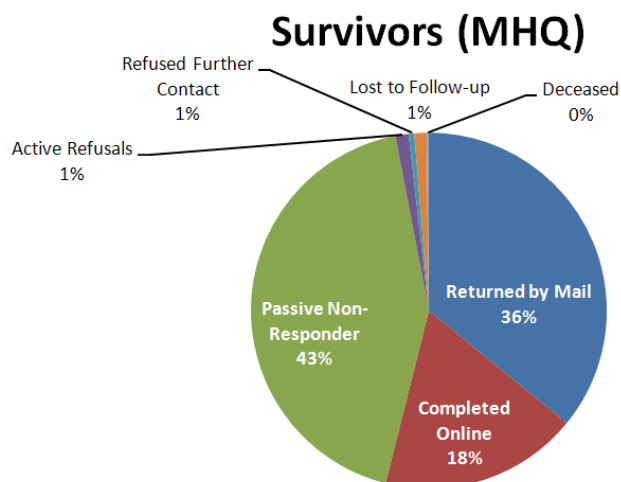


Men's Health Questionnaire Overview

	Survivors			Siblings		
Males Completing FU2007	4,001			1,083		
Answered “Yes” or” Unsure” to MHQ	2961 (74%)			723 (66.8%)		
	<i>n</i>	<i>% Sent</i>	<i>% Completed</i>	<i>n</i>	<i>% Sent</i>	<i>% Completed</i>
Total Completed	1,602	54.1%		272	37.6%	
Returned by Mail	1,066	36.0%	66.5%	194	26.8%	71.3%
Completed Online	536	18.1%	33.5%	78	10.8%	28.7%
Passive Non-Responder	1,279	43.2%		434	60.0%	
Active Refusals	36	1.2%		10	1.4%	
Refused Further Contact	15	0.5%		2	0.3%	
Lost to Follow-up	33	1.1%		4	0.6%	
Deceased	6	0.2%		0	0.0%	
Survey Period: 5/08 - 10/09			Survey Period: 1/09 - 10/09			

Methodology Summary

- Send letter and MHQ to males who indicated "Yes" or "Unsure" to MHQ question in FU07.
- Trace non-current addresses. Resend MHQ if new address found.
- Call non-responders 3-weeks after send date.
- Call until contact or reminder message is left.
- Send periodic email reminders to non-responders.
- Resend MHQ upon participant request.
- Send wrap-up letter to non-responders.



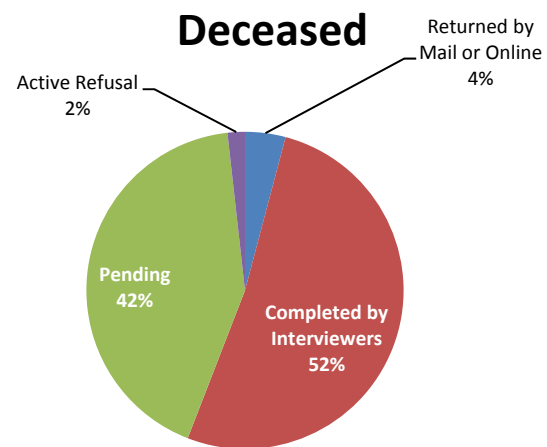
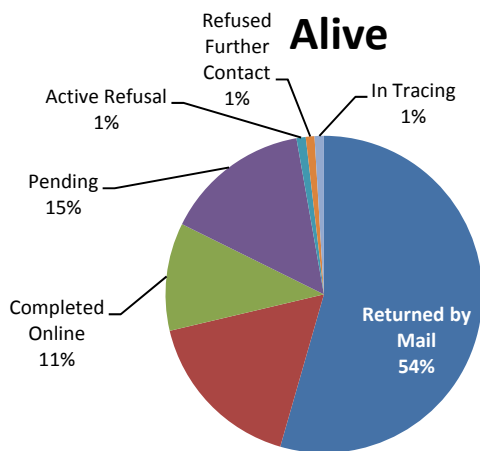
Cohort Expansion: Recruitment Status by CCSS Institution

	Institution Name	Recruiting Institution	IRB Amendment 9.0 Approved*	Selected Eligible Patients	Recruitment Timing	# Signed HIPAAs received as of 5/5/10
1	University of Minnesota	St. Jude	Yes	293	Summer 2010	
2	Denver Children's Hospital	St. Jude	Pending	603	Pending	
3	Children's Hospital of Pittsburgh	USC	Yes	814	Summer 2010	
4	Children's Hospital at Stanford	St. Jude	Yes	375	Active	90
5	Dana Farber Cancer Institute	USC	No	932	Active	302
6	Children's Atlanta/ Emory University	USC	Yes	732	Active	288
7	Children's National Medical Center	St. Jude	Pending	442	Pending	
8	UTMD Anderson Cancer Center	St. Jude	Yes	654	Active	15
9	Memorial Sloan-Kettering Cancer Center	St. Jude	Yes	663	Active	228
11	University of California San Francisco	USC	No	512	Active	263
12	Seattle Children's Hospital	St. Jude	Yes	848	Summer 2010	
13	Toronto Hospital for Sick Children	St. Jude	Yes	1,284	Fall 2010	
15	St. Jude Children's Research Hospital	SJ/USC	Yes	2,155	Active	1206
16	Nationwide Children's Hospital	St. Jude	Yes	503	Summer 2010	
17	Roswell Park Cancer Institute	USC	No	242	Active	137
19	Children's Hospitals and Clinics of Minnesota	USC	Yes	592	Active	320
20	Children's Hospital of Philadelphia	St. Jude	Yes	1,019	Active	352
21	St. Louis Children's Hospital	St. Jude	Yes	427	Active	78
22	Children's Hospital of Los Angeles	St. Jude	Yes	757	Summer 2010	
23	UCLA Mattel Children's Hospital	St. Jude	Yes	67	Summer 2010	
24	Riley Hospital for Children	USC	No	889	Active	421
25	UAB/Children's Hospital of Alabama	St. Jude	Yes	366	Active	91
26	Univ of Michigan/Mott Children's Hospital	USC	Yes	678	Summer 2010	
27	Children's Medical Center of Dallas	USC	Yes	660	Active	192
28	Texas Children's Hospital	St. Jude	Yes	633	Summer 2010	
29	City of Hope National Medical Center	St. Jude	Yes	135	Summer 2010	
TOTAL				17,275		3,983

*Amendment 9.0 allows both St. Jude and USC to conduct recruitment activities

Expansion Baseline Survey (5/5/10)

	Survivors		
HIPAA's Received	3983		
Questionnaires Sent	3621		
Pending Send out	362		
Returned	2961	82% (of sent)	
Alive	<i>n</i>	% of Sent	% of Completed
Number Sent	3451		
Number Completed	2866	83.0%	
Returned by Mail	1896	54.9%	66.2%
Completed by Interviewers	587	17.0%	20.5%
Completed Online	383	11.1%	13.4%
Pending Return	519	15.0%	
Active Refusal	33	1.0%	
Refused Further Contact	31	0.9%	
In Tracing	33	1.0%	
Deceased	<i>n</i>	% of Sent	% of Completed
Number Eligible	170		
Completed	95	55.9%	
Completed by Interviewers	88	51.8%	92.6%
Returned by Mail or Online	7	4.1%	7.4%
Pending Return	72	42.4%	
Active Refusal	3	1.8%	
Survey Period: 5/08 – 5/10			



Expansion Cohort Medical Record Abstraction Summary

	Institution	Submitted Cases	Selected	Ineligible	Eligible	MRAFs Submitted Online	% of Eligible Completed (Online)
1	University of Minnesota	492	356	63	293	262	89%
2	Children's Hospital - Denver	816	625	22	603	603	100%
3	Children's Hospital - Pittsburgh	1,070	874	60	814	720	88%
4	Children's Hospital at Stanford University	677	479	104	375	367	98%
5	Dana-Farber Cancer Institute	2,027	1,683	751	932	932*	
6	Emory University	1,240	938	206	732	728	99%
7	Children's National Medical Center	576	443	1	442	48	11%
8	U.T.M.D. Anderson Cancer Center	762	654	0	654	639	98%
9	Memorial Sloan-Kettering Cancer Center	1,626	748	85	663	663	100%
11	University of California at San Francisco	796	663	151	512	177	35%
12	Seattle Children's Hospital	1,161	854	6	848	815	96%
13	Toronto Hospital for Sick Children	2,153	1,724	440	1284	1281*	
15	St. Jude Children's Research Hospital	2,387	2,303	148	2,155	253	12%
16	Nationwide Children's Hospital	687	506	3	503	503	100%
17	Roswell Park Cancer Institute	317	284	42	242	240	99%
19	Minneapolis Children's Medical Center	761	592	0	592	592	100%
20	Children's Hospital of Philadelphia	1,505	1,128	109	1,019	983	96%
21	St. Louis Children's Hospital	618	473	46	427	427	100%
22	Children's Hospital of Los Angeles	1,184	762	5	757	742	98%
23	UCLA Medical Center	133	95	28	67	67	100%
24	Riley Hospital for Children, Indiana Univ.	1,253	972	83	889	702	79%
25	UAB/Children's Hospital of Alabama	572	422	56	366	356	97%
26	Mott Children's Hospital	932	736	58	678	656	97%
27	Children's Medical Center of Dallas	977	750	90	660	660	100%
28	Texas Children's Hospital	1,174	863	230	633	620	98%
29	City of Hope National Medical Center	285	227	92	135	134	99%
30	Children's Hospital of Orange County	690					
31	University of Chicago	464					
32	Northwestern Children's Hospital	1,176					
33	Cook Children's Hospital						
Totals		28,511	20,154	2,879	17,725	14,170	

MRAF Submissions as of 5/13/10

*Self-reported numbers. Institution is awaiting HIPAA authorization prior to online submissions.

Oragene DNA Kit Summary: Original Cohort

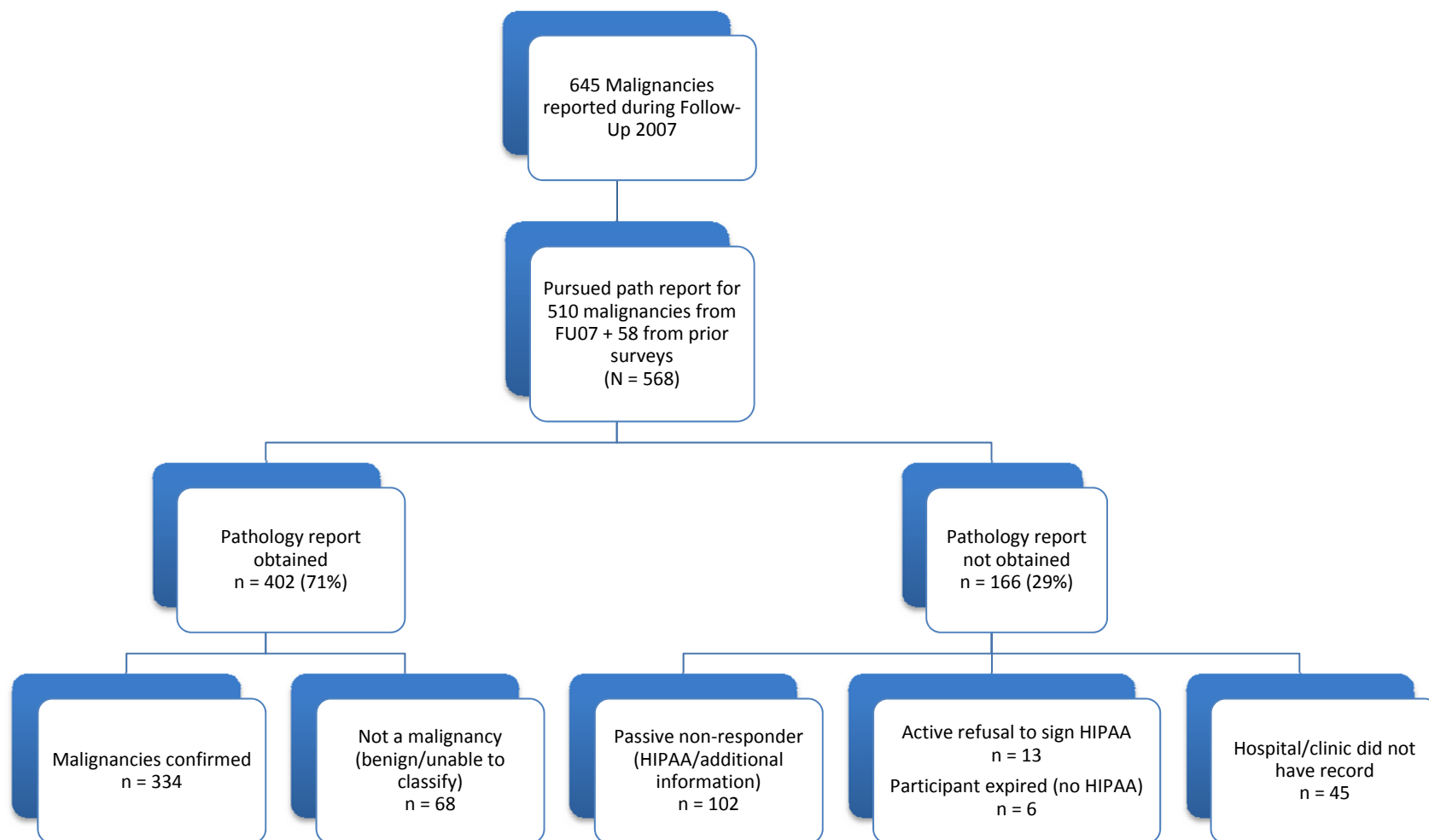
Kits Sent	Cases (n = 8,268)		Siblings (n = 2,710)	
	<i>n</i>	<i>% of Sent</i>	<i>n</i>	<i>% of Sent</i>
Returned	3066	37.1%	701	25.9%
Refused	308	3.7%	76	2.8%
Pending	4659	56.3%	1923	71.0%
In Tracing	109	1.3%	10	0.4%
Deceased	22	0.3%	0	0.0%

Methodology Summary

- Send letter, consent form and kit to active participants.
- Trace non-current addresses. Resend kit if new address found.
- Call non-responders 3-weeks after kit mailing date.
- Call until contact or until reminder message is left.
- Resend kit upon participant request.
- Recruitment Intensification:
 - o Call intensity increased in December 2009. Up to 10 calls per participant.
 - o Resend kit upon participant request.
 - o Mass resend to all non-responders occurred in January 2010.

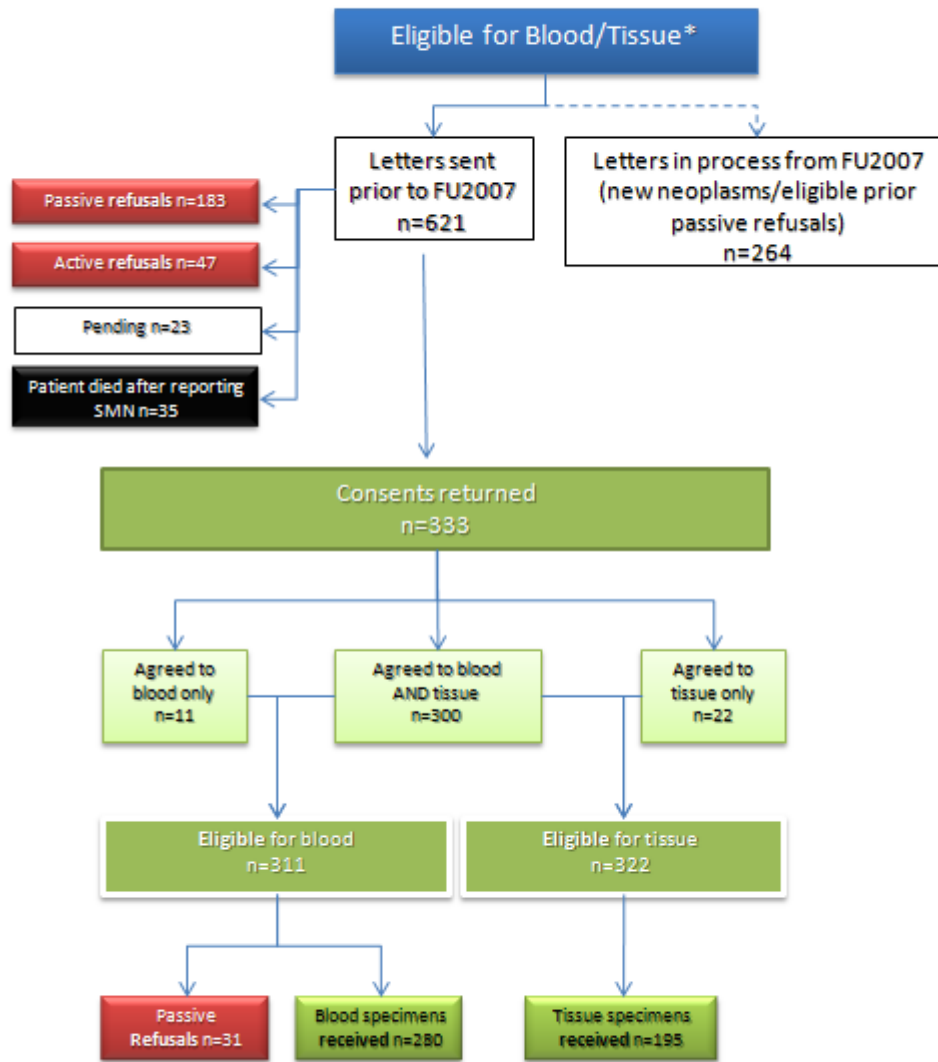
Report Date 5/5/10

SMN Confirmation Status



Report Date 5/5/2010

STATUS OF BLOOD AND TISSUE SPECIMENS FOR CASES REPORTING A SECOND MALIGNANCY



***Eligibility criteria:**

- Confirmed subsequent neoplasm
 - *Non-melanoma skin cancers are excluded*
- Has not refused participation in the study or previous blood/tissue collection consent

Distribution of Biologic Material Available for Invasive SMN Cases as of 3/2009

SMN	Total reported	Total with path reports	# with host tissue		SMN tissue and either buccal cells or cell lines	Total with MRAF data	Host tissue (any kind) and MRAF data
			Buccal cells	Blood			
Breast	188	176	113	74	43	178	120
Meningioma	170	148	117	60	28	153	111
Other CNS	66	60	16	8	5	62	17
Thyroid	128	116	71	49	22	121	76
Sarcoma	73	65	32	18	7	63	31
Leukemia	41	28	10	5		36	10
Bone	45	40	9	6	2	38	10
Melanoma	48	32	22	19	7	46	26
Lymphoma	33	30	14	12	5	30	16
Renal Cell	19	19	13	6	2	17	13
Other Carcinoma	99	95	44	25	9	98	47
NMSC	1,560	1,424	1,075	248	1	1,463	1,019
All Other	51	31	14	6	2	39	14
TOTALS	2,521	2,264	1,550	536	133	2,344	1,510

SMN Tissue Inventory by Diagnosis

SMN CATEGORY		% of Reported	<i>Number of Cases with Tissue Type</i>			
			H&E Slides	Unstained Slides	Scrolls	Blocks
Breast	(n = 54)	(28.7)	34	48	38	8
Meningioma	(n = 23)	(13.5)	8	23	13	2
Other CNS	(n = 18)	(27.3)	8	17	5	1
Thyroid	(n = 26)	(20.3)	17	26	17	3
Sarcoma	(n = 10)	(13.7)	6	10	7	1
Leukemia	(n = 7)	(17.1)	3	6	3	0
Bone	(n = 5)	(11.1)	3	4	2	0
Melanoma	(n = 9)	(18.8)	4	9	3	0
Lymphoma	(n = 6)	(18.2)	2	5	4	0
Other Carcinoma	(n = 26)	(22.0)	18	26	14	2
NMSC	(n = 2)	(0.1)	2	1	1	0
All Other	(n = 9)	(17.6)	5	9	4	1
<i>Totals</i>			<i>110</i>	<i>184</i>	<i>111</i>	<i>18</i>

Report Date 12/9/09

RT Data/Analyses Summary

Table 1:
CCSS Case/Control and Case/Cohort Studies: Radiation Dosimetry as of 4/30/2010

Study <i>PI</i>	Total number of patients	Patients with XRT	Dosimetry status	Dosimetry required
CNS SMNs <i>Neglia</i>	125 cases 495 controls	452	Dosimetry complete September 2003 Analysis complete paper published November 2006	Dose to specific tumor locations, matched in each case/control set.
Thyroid SMNs <i>Sigurdson</i>	72 cases 315 controls	293	Dosimetry complete March 2003 Publications 2005, 2006	Dose to right and left lobe of thyroid and pituitary.
Breast SMNs <i>Inskip</i>	122 cases 523 controls	463	Dosimetry complete July 2005 Draft of paper January 2008	Dose to specific breast tumor locations, matched in each case/control set and ovary dose.
Adverse Pregnancy Outcomes <i>CCSS & Danish Boice</i>	300+ adverse outcomes 2400 comparison cohort (All live and still births)	2100	Preliminary dosimetry complete July 2004 Final cases reviewed October 2005 Dosimetry will be reviewed against fertility data and changes submitted June 2008.	Dose to gonads, uterus, and pituitary
Bone and Soft Tissue SMNs <i>Henderson/Inskip</i>	130 cases 552 controls	438	Dosimetry complete April 2007	Dose to specific tumor locations, matched in each case/control set.
Non-melanoma Skin Cancers (NMSC) <i>Mertens (LAF funding)</i>	212 Cases 636 Controls	612	Preliminary doses complete December 2009, final expected Jan 2010	Dose to specific tumor locations, matched in each case/control set (one tumor per case set) Sites for 242 cases reviewed

Table 2:
CCSS Cohort studies: Radiation Dosimetry
as of 4/30/2010

Study PI	Number of patients	Patients with XRT	Dosimetry status	Dosimetry required
Thyroid Function <i>Sklar</i>	1791	1415	Dosimetry complete • March 1999	Dose to thyroid with considerable refinement of first-pass
Obesity <i>Oeffinger</i>	3963 (entire XRT cohort at the time)	3931	Dosimetry complete • November 2000	First-pass + recode of spine extent and dose categories; brain dose in 500 cGy categories
CNS Non-Neurological Outcomes <i>Gurney</i>	1219 (All treated for CNS)	1219	Dosimetry complete • October 2001	Dose categories for brain and spine, dose estimates for thyroid and ovaries by year of therapy.
CNS Neurological Outcomes <i>Packer</i>	1219 (All treated for CNS)	1219	Dosimetry complete • October 2001	Dose to 4 regions of brain, divided by function. Region #2 contains hypothalamus/pituitary.
CNS Psychological <i>Zebrack & Turk</i>	1219 (All treated for CNS)	1219	Dosimetry complete • August 2002	Dose to 4 regions of the brain updated from previous CNS Neuro group.
Pregnancy Outcomes (Male and Female) <i>Green</i>	1911 females 1222 males	1327 females	Dosimetry complete • September 2002	First-pass (gonads) complete. Pituitary dose categories for females.
Growth Hormone <i>Sklar</i>	193	176	Dosimetry complete • September 2002	Dose categories for pituitary and direct spine treatments
Premature Menopause <i>Sklar</i>	2654 females	1565	Dosimetry complete • March 2003	Dose to pituitary, uterus and ovaries. Provided dosimetry for 1541 patients.
Stroke <i>Oeffinger</i>	Entire cohort 221 strokes total HD subset ALL & CNS subset	8583	Dosimetry complete • December 2003 HD paper in press ALL & CNS paper submitted	First-pass and brain regions, maximum TD Update per FU2000
Low birth weight and premature births <i>Boice</i>	1192 patients (2071 pregnancies)	728	Dosimetry complete • June 2004	Proximity of gonads to nearest treatment field, broad dose categories
Ovarian Failure <i>Sklar</i>	215 patients	203	Dosimetry complete • August 2004	Dose to ovaries, uterus & pituitary
Wilms <i>Breslow</i>	All Wilms patients with XRT	678	Dosimetry complete • January 2004	TD to chest, abdomen, pelvis
Growth hormone use and meningiomas	Entire cohort	~8500	Dosimetry complete • July 2005	Maximum dose to any part of the brain
Pulmonary Function <i>Mertens</i>	Entire cohort	~8500	No additional beyond 1st pass. Seattle has data	First-pass regions treated
Osteoporosis and avascular necrosis <i>Kadan-Lottick</i>	Entire cohort	~8500	Dosimetry complete • December 2005	Categorical dose to gonads and pituitary and maximum brain dose. Broad dose categories.

Table 2:
CCSS Cohort studies: Radiation Dosimetry
as of 4/30/2010

Study PI	Number of patients	Patients with XRT	Dosimetry status	Dosimetry required
Fertility among survivors <i>Green</i>	5665 females 6773 males 14-44 years of age at last follow-up	Approximately 60%	Dosimetry complete <ul style="list-style-type: none"> Females October 2005 Males January 2006 Rerun with dosimetry cutoff dates applied September 2007	Dose to gonads and pituitary
Bone Marrow Transplant	464 ALL patients	379	Dosimetry complete <ul style="list-style-type: none"> March 2006 	Dose to cranium, before TBI and after transplant
Dental Outcomes <i>Kaste</i>	5632	5632	Dosimetry complete <ul style="list-style-type: none"> November 2006 	Total average dose to the teeth
Thyroid exposure /ALL patients <i>Chow</i>	4152 ALL patients	2389	Dosimetry complete <ul style="list-style-type: none"> February 2007 	Dose to thyroid and pituitary
Stillbirth and neonatal death <i>Boice / Signorello</i>	1148 males 1657 females 4646 pregnancies		Dosimetry complete <ul style="list-style-type: none"> June 2006 	Dose to ovaries, uterus, testes and pituitary
Menarche timing <i>Armstrong</i>	444 CNS patients	299	<ul style="list-style-type: none"> February 2007 	Dose to ovaries and pituitary
Hodgkin Disease Outcomes <i>Castellino</i>	1675	1551	Dosimetry complete <ul style="list-style-type: none"> June 2007 	Dose range (< or > 3000 cGy) to body regions
Carotid Artery Dose <i>Ness/Gurney</i>	50 ALL patients	50	Dosimetry complete <ul style="list-style-type: none"> July 2007 	Dose to the carotid artery
Thyroid exposure /entire cohort <i>Bhatti/Sigurdson</i>	Entire cohort	8494	Dosimetry complete <ul style="list-style-type: none"> November 2007 	Dose to thyroid 10 years post diagnosis of FMN as cutoff
BRIEF neuro-psych outcomes <i>Ness</i>	Entire cohort	~8500	Dosimetry complete <ul style="list-style-type: none"> November 2007 	Maximum dose to 4 functional segments of the brain (update and apply cutoffs) 5 years post diagnosis of FMN as cutoff
Cardiac outcomes <i>Mulrooney</i>	Entire cohort	~8500	Heart IN/Out/Near beam summary complete <ul style="list-style-type: none"> December 2007 Dosimetry complete <ul style="list-style-type: none"> February 2008 	Average dose to heart 5 years post diagnosis of FMN as cutoff
Cataract cohort <i>Chodick/Inskip</i>	Entire cohort	~8500	Dosimetry complete <ul style="list-style-type: none"> February 2008 	Dose to lens 5 years post diagnosis of FMN as cutoff

Table 2:

CCSS Cohort studies: Radiation Dosimetry as of 4/30/2010

Study PI	Number of patients	Patients with XRT	Dosimetry status	Dosimetry required
Visual complications <i>Mertens/Whelan</i>	Entire cohort	~8500	Dosimetry complete • February 2008	Dose to eye and dose central region of the brain 5 years post diagnosis of FMN as cutoff
Breast screening <i>Oeffinger</i>	Patients with chest exposure		No additional dosimetry • January 2008	Y/N and body region treated
Pain	12481 returned FU2 with pain survey	~8300	Dosimetry complete • April 2008	Body sites treated and maximum dose to 4 functional segment of the brain 5 years post diagnosis of FMN as cutoff
Salivary gland tumors	Entire Cohort	~8500	Dosimetry complete • May 2008	Dose to salivary glands or sites of treatment
Psychosexual outcomes /females <i>Sklar</i>	2200 females only	1412	Complete • February 2009	Dose to ovaries and pituitary
Wilms Tumor long term followup <i>Termuhlen</i>	1259 Wilms tumor patients	717	Complete • October 2009	Dose to heart and kidneys
TBI/BMT Leukemia Cohort <i>Baker and Chow</i>	4466 ALL patients	2722	Target • January 2010	Dose to thyroid and gonads Maximum treatment dose to brain, spine, TBI/BMT
Obesity <i>Green</i>	9307 males and females	5632	Complete • January 2010	Pituitary
Fertility – more females <i>Green</i>	6645 females	4023	Complete • January 2010	Ovaries and pituitary
GI second cancers	46 cases	46	Complete • Jan 2010	Summary of XRT. SMN site was in/near/outside treatment field
ECHOS	1256 patients	883	In progress - Target May 2010	Summary of XRT: dates, treatment dose and body region

Table 3:

Childhood Cancer Survivors Study: Cohort 1: Treated 1970-1986*

INSTITUTION	Records received*and processed ^[1]	XRT DATA STATUS
Children's Hospital at Stanford Univ.	386	Complete
Children's Hospital of Columbus	391	Complete
Children's Hospital of Los Angeles	279	Complete
Children's Hospital of Philadelphia	493	Complete
Children's Hospital of Pittsburgh	387	Complete
Children's National Medical Center	113	Complete
Dana-Farber Cancer Institute	427	Complete
Emory Univ.	68	Complete
Mayo Clinic	299	Complete
Memorial Sloan-Kettering Cancer Center	377	Complete
Minneapolis Children's Medical Center	145	Complete
Riley Hospital for Children, Indiana Univ.	209	Complete
Roswell Park Cancer Institute	221	Complete
Seattle Children's Hospital & Medical Center	274	Complete
St. Jude Children's Research Hospital	977	Complete
St. Louis Children's Hospital	228	Complete
Texas Children's-Baylor	220	Complete
The Children's Hospital of Denver	377	Complete
Toronto Hospital for Sick Children	697	Complete
U.T.M.D. Anderson Cancer Center	408	Complete
UAB/The Children's Hospital of Alabama	97	Complete
UCLA Mattel Children's Hospital	250	Complete
Univ. of California at San Francisco	236	Complete
Univ. of Michigan - Mott Children's Hospital	431	Complete
Univ. of Minnesota	370	Complete
UT - Southwestern Medical Center	147	Complete
Total	8507	

*Counts are for "participants" only. Out of scope, lost to follow-up and ineligible patients have been removed from the counts.

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

[2] Last transmitted to Seattle Jan 3, 2008.

Table 4:

Childhood Cancer Survivors Study XRT Record Status

Cohort 2: Treated 1987-1999*

INSTITUTION	Received	Processed	XRT DATA STATUS
Children's Hospital at Stanford University	0	0	Ongoing
Children's Hospital of Columbus	0	0	Ongoing
Children's Hospital of Los Angeles	0	0	Ongoing
Children's Hospital of Philadelphia	0	0	Ongoing
Children's Hospital of Pittsburgh	0	0	Ongoing
Children's Hospital Orange County	0	0	Ongoing
Children's National Medical Center	0	0	Ongoing
City of Hope	0	0	Ongoing
Cook Children's Hospital (Fort Worth)	0	0	Ongoing
Dana-Farber Cancer Institute	0	0	Ongoing
Emory University (06)	36	0	Ongoing
Memorial Sloan-Kettering Cancer Center	0	0	Ongoing
Minneapolis Children's Medical Center (19)	102	0	Ongoing
Northwestern Children's Memorial Hospital	0	0	Ongoing
Riley Hospital for Children's Hospital (24)	26	0	Ongoing
Roswell Park Cancer Institute (17)	63	0	Ongoing
Seattle Children's Hospital & Medical Center	0	0	Ongoing
St. Jude Children's Research Hospital (15)	57	0	Ongoing
St. Louis Children's Hospital	0	0	Ongoing
Texas Children's Hospital	0	0	Ongoing
The Children's Hospital of Denver	0	0	Ongoing
Toronto Hospital for Sick Children	0	0	Ongoing
U.T.M.D. Anderson Cancer Center	0	0	Ongoing
UAB/The Children's Hospital of Alabama	0	0	Ongoing
UCLA Mattel Children's Hospital	0	0	Ongoing
Univ. of California at San Francisco	0	0	Ongoing
Univ. of Chicago	0	0	Ongoing
Univ. of Michigan – Mott Children's Hospital	0	0	Ongoing
Univ. of Minnesota	0	0	Ongoing
UT Southwestern Medical Center	0	0	Ongoing
Total	284	0	

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

Radiation Dosimetry data provided by:

CCSS RADIOTHERAPY
The University of Texas
M.D. Anderson Cancer Center
Houston, TX 4/30/2010

Applications of Intent (AOI) to Conduct Research (as of 5/18/2010)

Date Received	Title	Author/ Institution	Primary Working Group	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	Cancer Control		06.10.08	Approved	Approved
05.27.08	Longitudinal Changes in Health Status	Hudson / SJCRH	Cancer Control	Chronic Disease Psych.	07.16.08	Approved	Hold
06.02.08	Risk-Based Health Evaluation of CCSS Participants (CPIR)	Green / SJCRH	Cancer Control	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	Mulrooney / Medical College of Wisconsin	Cancer Control	Chronic Disease	07.16.08	Approved	Pending
06.05.08	Physical Activity in Lower Extremity Sarcoma Survivors with Amputation	Ness / SJCRH	Cancer Control	Chronic Disease	07.16.08	Approved	Approved
06.05.08	A Comparison of Functional Outcomes between UE and LE Sarcoma Survivors	Mulrooney / Medical College of Wisconsin	Cancer Control	Chronic Disease	07.16.08	Approved	Pending
06.05.08	Neurocognitive Problems and Health Behavior Outcomes	Krull / SJCRH	Cancer Control	Psych.	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	Casillas / UCLA	Cancer Control		07.16.08	Approved	Pending
10.14.08	Investigating the Needs of Childhood Cancer Survivors: Understanding Residual Treatment Effects (INSURE)	Cox/SJCRH	Cancer Control	Chronic Disease	11.12.08	Approved	Ancillary Study Approved
04.07.09	Predictors of Smokeless Tobacco Use among Survivors of Childhood Cancer	Klosky/SJCRH	Cancer Control		05.12.09	Approved	Pending
06.21.09	Mental Health and Tobacco Use Among Childhood Cancer Survivors: A Longitudinal Analysis	Lown/Alcohol Research Group	Cancer Control	Psych.	07.10.09	Approved	Pending

Date Received	Title	Author/ Institution	Primary Working Group	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	Cancer Control	SMN	09.09.09	Approved	Pending
11.13.09	Prevalence and Predictors of Smoking Cessation in Childhood Cancer Survivors	Klesges/SJCRH	Cancer Control		12.22.09	Approved	Pending
02.12.10	Mental Health, Tobacco & Alcohol use in Survivors and Siblings (Ancillary Study)	Lown/Alcohol Research Group	Cancer Control		3.3.10	Approved	Pending
03.08.10	Determinants of Employment	Stone/UCLA	Cancer Control		Under Review	Withdrawn due to overlap	
CHRONIC DISEASE							
05.02.08	Genitourinary Complications in Survivors of Childhood Cancer	Shnorhavorian/ FHRC	Chronic Disease		06.10.08	Approved	Approved
06.05.08	The Risk of Osteoporosis and Fracture among Survivors of Childhood Cancer	Kadan-Lottick / Yale University	Chronic Disease			Approved	On Hold Multiple Projects in Queue
06.06.08	Cardiovascular Risk Factors and CV Events	Meacham / Emory University	Chronic Disease	Epi/Bio	07.16.08	Approved	Approved
06.06.08	Solid Organ Transplantation in 5-year Survivors of Childhood Cancer.	Termuhlen / Nationwide Children's Hospital	Chronic Disease		07.11.08	Approved	Pending
06.11.08	Infectious Complications in Childhood Cancer Survivors	Perkins / Children's Hospitals & Clinics of Minnesota	Chronic Disease		07.11.08	Approved	Pending
06.12.08	A Comparison of Mortality and Morbidity in Hodgkin's Survivors of Contemporary Therapy	Castilenno / Wake Forest University	Chronic Disease	SMN & Chronic Disease	07.11.08	Approved	Pending
06.25.08	Genetic Polymorphisms and Metabolic Outcomes in Childhood Leukemia Survivors	Kamdar / Texas Children's Hospital	Chronic Disease	Genetics	08.11.08	Approved	Pending
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	Chronic Disease	Multiple	09.19.08	Approved	Approved

Date Received	Title	Author/ Institution	Primary Working Group	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	Chronic Disease (formerly in Reproductive)		10.14.08	Approved	Approved
11.11.08	Late DVT Risk in Cancer Survivors	Setia/Memorial Sloan Kettering	Chronic Disease	Reproductive	12.02.08	Approved	Pending
03.11.09	Creation of a Risk Score Algorithm to Predict Individual Risk of Future Serious Cardiovascular Disease	Chow/FHRC	Chronic Disease	Cancer Control	04.03.09	Approved	Pending
06.11.09	Outcome of Pregnancies Exposed to Cancer Therapy	Mulvihill/U. of Oklahoma	Chronic Disease (formerly in Reproductive)	Genetics	07.10.09	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	Chronic Disease (formerly in Neurology)		07.11.08	Approved	Pending
06.19.09	The Multifactorial Etiology of Obesity among CCSS Participants	Green/SJCRH	Chronic Disease	Psych.	07.10.09	Approved	Approved
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	Chronic Disease (formerly in Neurology)	Psych.	08.11.08	Approved	Pending
07.14.09	Renal Outcomes	Nottage/SJCRH	Chronic Disease			Withdrawn due to overlap	—
09.08.09	Pulmonary complications in Long-term Survivors of Childhood CNS Tumors with Craniospinal Irradiation	Tein/SJCRH	Chronic Disease	Psych.	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	Chronic Disease	SMN		Approved	Pending
1.29.10	Longitudinal Assessment of Chronic Health Conditions	Armstrong/SJCRH	Chronic Disease		2.12.10	Approved	Pending

Date Received	Title	Author/ Institution	Primary Working Group	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
CHRONIC DISEASE (continued)							
2.26.10	Health and Functional Status of Long Term Adult Medulloblastoma Survivors	King/Wash. U.	Chronic Disease	Psych, SMN & Reproductive	3.31.10	Approved	Pending
3.4.10	Health Status of Older Adult Survivors of Childhood Cancer	Kinney/DFCI	Chronic Disease	Psych Epi/Biostats	3.31.10	Approved	Pending
4.20.10	Scoring Alkylating Agent Exposure: Evaluation of the Cyclophosphamide Equivalent Dose Score	Green/SJCRH	Chronic Disease	SMN Epi/Biostat	5.18.10	Approved	Pending
EPIDEMIOLOGY / BIOSTATISTICS							
04.21.08	Conditional Survival in Pediatric and Adolescent Malignancies	Wasieleski / Emory/CHOA	Epi/Bio		06.10.08	Approved	Pending
04.21.08	Analysis of Late Mortality by Treatment Era: Brief Report	Armstrong / SJCRH	Epi/Bio		06.10.08	Approved	Not Approved
06.19.08	Cardiac Mortality	Armstrong / SJCRH	Epi/Bio		07.16.08	Approved	Approved
09.23.08	Assessing Bias Associated with Missing Data from the Childhood Cancer Survivor Study	Huang/SJCRH	Epi/Bio		10.14.08	Approved	Pending
02.12.09	Predicting Late Effects of Individual Cancer Survivors: A Pilot Methodological Study	Yasui/Edmonton Alberta	Epi/Bio		03.16.09	Approved	Pending
05.12.09	Impact of Health Behaviors and Health Perceptions on Subsequent Mortality in Childhood Cancer Survivors	Cox/SJCRH	Epi/Bio		05.28.09	Approved	Ancillary Study Approved
05.26.09	Cost Effectiveness of Cardiac Guideline for Survivors of Pediatric Cancers	Wong/City of Hope	Epi/Bio		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	Epi/Bio	SMN	11.05.09	Not Approved	_
11.16.09	Congenital Heart Disease	Gruber/U. of Michigan	Epi/Bio	Genetics	12.22.09	Approved	Pending

Date Received	Title	Author/ Institution	Primary Working Group	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
GENETICS							
05.02.08	Characterization of Genomic Alterations in Radiation-Related Breast Cancer Using ArrayCGH (Comparative Genomic Hybridization)	Yang / NCI	Genetics	SMN	06.02.08	Approved	Approved
05.27.08	Incidence of Familial Hodgkin Lymphoma	Metzger / SJCRH	Cancer Control			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	Genetics	Psych.	03.16.09	Approved	Pending
09.25.08	Late Effects in Childhood Cancer Survivors and Vitamin D Polymorphisms	Ocku/Baylor	Genetics	SMN	10.14.08	Approved	Pending
11.13.08	Long-Term Morbidity in Childhood Cancer Survivors with Down Syndrome	Raber/UCSF	Genetics	Chronic Disease	12.02.08	Approved	Pending
12.02.08	Evaluation of SNPs in the EWS Breakpoint Region in People with and without Ewing Sarcoma	DuBois/UCSF	Genetics		12.18.08	Approved	Ancillary Study Approved
06.15.09	Telomere Length and Risk for Second Malignancy in Pediatric Cancer Survivors	Gramatges/Baylor	Genetics	SMN	07.10.09	Approved	Pending
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	Genetics & Chronic Disease		11.05.09	Approved	Pending
PSYCHOLOGY							
05.05.08	Psychosexual Adjustment in Long-Term Female Survivors of Childhood Cancer	Carpentier / Indiana University School of Medicine	Psych.			Withdrawn	_
06.05.08	Predictors of Future QOL in Adolescent Survivors of Childhood Cancer	Nolan / SJCRH	Psych.	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	Psych.	Reproductive	07.11.08	Approved	Pending
06.09.08	QOL in Long-Term Survivors	Schapmire / University of Louisville	Psych.		07.11.08	Withdrawn	_

Date Received	Title	Author/ Institution	Primary Working Group	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
PSYCHOLOGY (continued)							
06.11.08	Health Behaviors and Chronic Disease	Hudson / SJCRH	Psych.			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	Psych.		08.11.08	Withdrawn	–
08.25.08	Impact of Chronic Disease on Neurocognitive and Psychosocial Functions	Jain/ SJCRH	Psych.	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	Psych.		11.12.08	Approved	Approved
11.24.08	Outcome after Stroke among Long-Term Survivors of Childhood Leukemia and Brain Tumors	Fullerton/UCSF	Psych.	Chronic Disease & Neurology	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	Psych.		02.12.09	Approved	Approved
01.27.09	Chronic Pain and Psychosexual Function in Adult Survivors of Childhood Cancer	Randolph-Frye/SJCRH	Psych.		02.12.09	Hold	–
05.05.09	Dermatological Issues in Adult Survivors of Childhood Cancer	Kinahan/Northwestern	Psych.	Cancer Control	05.28.09	Approved	Approved
06.16.09	Predictors of Psychoactive Medication Use	Jain/SJCRH	Psych.	Epi/Bio	07.10.09	Approved	Pending
08.12.09	Causal Associations Between Psychological and Quality of Life Outcomes in CCSS	Krull/SJCRH	Psych.		09.09.09	Approved	Pending
08.15.09	Health Related Quality of Life in Adult Survivors of Relapsed ALL	Essig/U. of Bern	Psych.		09.09.09	Approved	Pending
1.18.10	Psychological and Neurocognitive outcomes in those diagnosed with cancer as adolescent and young adults in the CCSS	Prasad/Vanderbilt	Ppsych.		2.12.10	Approved	Pending

Date Received	Title	Author/ Institution	Primary Working Group	Secondary Working Group(s)	Date Investigator Notified	AOI Outcome	Concept to Publication Committee
SECOND MALIGNANT NEOPLASMS							
04.10.08	Multiple Subsequent Neoplasms	Robison / SJCRH	SMN		04.20.08	Approved	Approved
06.20.08	GH Therapy and Brain Tumors as Smns	Meacham / Emory University	SMN	Chronic Disease	03.16.09	Approved	Pending
12.18.08	Colorectal Cancer as SMN	Henderson/Univ. of Chicago	SMN		01.12.09	Approved	Approved
09.11.09	Late Occurring Secondary Leukemias in Survivors of Childhood Cancers	Nottage/SJCRH	SMN		10.06.09	Approved	Approved

INSTITUTION KEY

SJCRH – St. Jude Children's Research Hospital
 CHOA – Children's Hospital of Atlanta
 NCI – National Cancer Institute
 FHRC – Fred Hutchinson Research Center
 UCLA – University California Los Angeles
 UCSF – University California San Francisco

Statistical Center Current Project List

Project	Investigator	Stat Center Contact	Secondary or Senior Statistician	Status
Submitted & Draft Manuscripts				
Second Neoplasm update	Deb Friedman	John	Wendy	Provisionally accepted - JNCI
Ewing's Sarcoma outcomes	Jill Ginsberg/Kevin Oeffinger	Pam	Wendy	Provisionally accepted - JNCI
Cancer screening in adult survivors of childhood cancer	Paul Nathan	Zhenghong Li	Kiri	Reviewed, revised, resubmitted - Annals of Internal Medicine
Insurance outcomes	Jacqueline Casillas	Isac Lima/Qi Liu	Yutaka	Reviewed, under revision - Cancer
Late hospitalizations in survivors	Beth Kurt	Vikki Nolan	Kiri / Wendy	Reviewed, under revision - JNCI
CCSS Physical activity in lower extremity sarcome survivors	Kiri Ness	Sue Huang	Kiri	Submitted - Medicine and Science in Sports & Exercise
Physical Therapy and chiropractic use	Michelle Montgomery	Sue Huang	Kiri/Wendy	Submitted - Journal of Cancer Survivorship
Outcomes for HD Survivors	Sharon Castellino	Pam	Wendy	Submitted - Blood
Sibling QOL	David Buchbinder / Lonnie Zeltzer	Pam	Wendy	Submitted - J of Psycho-Oncology
Location of CNS directed radiotherapy predicts neurocog	Greg Armstrong	Wei Liu	Kumar	Submitted - Neuro-Oncology
Auditory Neurosensory Outcomes	Kim Fowler/Ann Mertens	Toana / Kayla	Wendy	Draft manuscript
Employment Occupations	Anne Kirchhoff	Wendy	Anne K (FHCRC)	Draft manuscript
Pain outcomes	Qian Lu/Lonnie Zeltzer	Toana	Wendy	Draft manuscript
Longitudinal Pain	Qian Lu/ Lonnie Zeltzer	Toana	Wendy	Draft manuscript
Randomized trial identifies predictors of appropriate screening	Jeanne Steele/Ann Mertens	Toana	Melanie Wall(Minnesota)	Draft manuscript
Fertility Rates in Female Long-Term Survivors with low abdominal radiation	Daniel Green	Vikki Nolan	Toana/Wendy	Draft manuscript
Association between fatigue and sleep disturbance	Nancy Clanton/Kevin Krull	Zhenyu Pan (Jason)	Kumar	Draft manuscript

Project	Investigator	Stat Center Contact	Secondary or Senior Statistician	Status
Predictors of Independent Living Status in Adult Survivors of Childhood Cancer	Alicia Kunin-Batson	Liang Zhu	Kumar	Draft manuscript
Multiple SNs in CCSS cohort	Les Robison	Wei Liu	Kumar	Manuscript in preparation
COG L9704 / CCSS Collaboration - AML Downs' Syndrome	Joe Neglia / Kris Ann Schulz	Toana	COG Statistician	Manuscript in Preparation
Missing data imputation (methodology)	Adeniyi Adewale/Qi Liu	Yutaka	Wendy	Manuscript in Preparation
PTSG	Brad J. Zebrack	Qi Liu	Yutaka	Manuscript in Preparation
Wilms outcomes	Amanda Termuhlen	Qi Liu	Yutaka	Manuscript in Preparation
Multiple Risk Factor Behaviors	Melissa Hudson	Sue Huang	Kiri	Manuscript in preparation
Risky behavior in teen survivors of childhood cancer	Kiri Ness/James Klosky	Zhenghong Li	Kiri	Manuscript in preparation
Psychosexual functioning	Jennifer Ford / Chuck Sklar	Toana	Wendy/John	Manuscript in preparation
Gastrointestinal Sequelae	Rob Goldsby	Yan Chen	Yutaka	Manuscript in preparation
Analyses Ongoing				
MDM2 risk factor for BC	Stella Davies	John	Wendy	Analyses completed
ARL111 risk for multiple SMN	Stella Davies	Kayla	John / Wendy	Analyses completed
Neuro-cognitive and health behavior	Kevin Krull	Zhenyu Pan (Jason)	Kumar	Analyses completed
BCC risks due to sun exposure and radiation	Ann Mertens	Wendy	Wendy	Analyses Ongoing, nearly complete.
Developmental Stages	Marc Bornstein (Axia)	John / Wendy	NCI Statistician	Analyses Ongoing
BCC Lance Armstrong dosimetry case-control	Ann Mertens	Kayla	Wendy	Analyses Ongoing
Long term outcomes in ALL survivors who received HSCT	Scott Baker	Wei Liu	Kumar	Analysis ongoing
Predicting Neurocognitive and Neuropsychological Outcomes	Kevin Krull	Wei Liu	Kumar	Analyses ongoing

Project	Investigator	Stat Center Contact	Secondary or Senior Statistician	Status
Impact of Chronic disease on NCQ and psychosocial functions	Neelam Jain	Wei Liu	Kumar	Analyses pending for additional data
The epidemiology of anti-depressant use and obesity	Daniel Green	Liang Zhu	Kumar	Analysis ongoing (Waiting for amputation data)
CCSS Participation Analysis	Jennifer Lancot / Kiri Ness	Toana / Kayla	Wendy/Chonghzi Di (FHCRC)	Analyses ongoing
GI second cancers	Tara Henderson/ Paul Nathan	John	Wendy	Analyses Ongoing
Male Health Questionnaire	Lillian Meacham	John	Wendy	Analyses Ongoing
Post Traumatic Stress Symptoms (2nd paper)	Margi Stuber	Kayla	Wendy	Analyses Ongoing
Screening Practices in Siblings	David Buchbinder	Pam	Wendy	Initiating analysis
Smoking and weight control behaviors	Lisa Kahalley	Kayla	Wendy	Initiating analysis
GU outcomes	Margarett Shnoorhavian	Pam	Wendy	Analyses Ongoing
Late secondary leukemia	Kerri Nottage	Zhenghong	Kumar	Analysis Ongoing
Predictors of quality of life in adolescent survivors of childhood cancer	Vikki Nolan	Vikki Nolan		Analysis Ongoing
Outcomes for infant cancer survivors	Lynda Vrooman/ Lisa Diller	Pam/Wendy	Julie Najita (Harvard)	Data sent. Analyses Ongoing
Second Sarcoma case/control	Tara Henderson	John/Wendy	Preetha Rajamaran (NCI)	Data sent. Analysis Ongoing
Radiation and Thyroid Cancer	Parveen Bhatti/ Cecile Ronckers	Yutaka	Parveen Bhatti (FHCRC)	Data sent. Analyses Ongoing
Regional Access	Caplan/Oeffinger	Kiri	Dierdre Caplan	Data sent
Cataracts	Gabriel Chodick	Yan Chen /Yutaka	Gabriel / Peter Inskip	Data sent
Cost effectiveness of cardiac guidelines	Lennie Wong	Kayla/Wendy	Lennie Wong (COH)	Data sent
Chronic conditions in BMTSS vs CCSS	Saro Armenian	Toana	Wendy	Date set being prepared.
Approved Concepts in Queue				
Cardiovascular risk factor clusters and outcomes	Greg Armstrong			Waiting for additional data
First and recurrent stroke	Heather Fullerton			Waiting for additional data

Project	Investigator	Stat Center Contact	Secondary or Senior Statistician	Status
Proposals Under Development				
Longitudinal Health Status	Melissa Hudson	Kiri/Wendy		
Longitudinal Health care	Jackie Casillas	Yutaka/Wendy		
Pulmonary outcomes among CNS survivors	Tseng Huang/ Kiri Ness	Yutaka		
Update of chronic health conditions	Greg Armstrong/ Kevin Oeffinger	Wendy		
Solid Organ transplant after Childhood Cancer	Amanda Termuhlen	Wendy		
Psychosocial predictors of psychoactive medication	Neelam Jain/ Kevin Krull			
Late neurosensory/neurocog sequelae	Nicole Ullrich			
Congenital heart disease and childhood cancer	Kristen Stevens	Wendy		
Outcome of pregnancy exposed to chemotherapy	John Mulvihill			
Ancillary Study Grant Proposals				
ECHOS (Cardiovascular risk factor monitoring)	Hudson	Wendy		Funded
Insure (Needs Assessment)	Cox	Wendy		Funded
Low-grade Glioblastoma Survivors	Doug Ris	Wendy		Funded
Projecting breast cancer risk	Moskowitz/Oeffinger			Funded
EMPOWER (Promoting BC screening)	Oeffinger			Funded
Data Management				
CCSS MHQ data error check	John/Chris	John	Kumar/Wendy	Complete.
CCSS FU2007 data error check	John/Chris	Kiri	Kumar/Wendy	Data Frozen April, 2010
Creation of Web based Public Use tables	Jim Gurney	Kayla	John	Complete - Tables on St Jude Website
"Toolbox" variable creation	John Whitton	John	Toana/Pam/Kayla	Ongoing.
Documentation of all data sets	John Whitton	Pam/Kayla/Toana	Wendy	Developing comprehensive documentation for Q'naires.
Creation of Chest RT/ Breast Ca related database	Kevin Oeffinger	John	Wendy	Data set created May, 2010.

Project	Investigator	Stat Center Contact	Secondary or Senior Statistician	Status
Data Management (continued)				
Creating frozen data set on participation for use in Flow diagrams	Kayla Stratton	Kayla/Aaron McDonald	Wendy	Survivors complete, Siblings Ongoing.
Creation of frozen data set for DNA samples	Stella Davies	Sue Huang/Zhenghong Li	Kiri	Data Frozen May, 2010

Publications and Manuscripts

Peer-reviewed Manuscripts

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;33:60-3.
2. Yasui Y, Whitton J. Problems in using age-stratum-specific reference rates for indirect standardization. *J Clin Epidemiol* 1999;52:393-8.
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;85:3227-32.
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;93:618-29.
5. Mertens A, Yasui Y, Neglia JP, Potter JD, Nesbit Jr ME, 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;19:3163-72.
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;20:1608-16.
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;287:1832-9.
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;38:229-39.
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;87:3136-41.
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;110:42-52.
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;187:1070-80.
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;95:2431-41.
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;97:663-73.
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3. Bhatti P, Veiga LHS, Ronchiers CM, Sigurdson AJ, Stovall M, Smith SA, Weather 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: An update from the Childhood Cancer Survivor Study. Submitted to Radiation Res.
4. Buchbinder D, Casillas J, Leisenring W, Goodman P, Recklitis C, Armstrong GT, Alderfer M, Kunin-Batson A, Stuber M, Krull KK, Robison LL, Zeltzer LK. Psychological outcomes of siblings of cancer survivors: A report from the Childhood Cancer Survivor Study. Submitted to Psycho-Oncology
5. Castellino SM, Mertens AC, Geiger AM, Leisenring W, Tooze J, Goodman P, Stovall M, Robison LL, Hudson MM. Leading risks for mortality in long-term survivors of childhood Hodgkin lymphoma: A report from the Childhood Cancer Survivor Study. Submitted to Blood.
6. Friedman DL, Whitton J, Leisenring W, Mertens AC, Hammond S, Stovall M, Donaldson SS, Meadows AT, Robison LL, Neglia JP. Subsequent neoplasms in five year survivors of childhood cancer: The Childhood Cancer Survivor Study. Submitted to JNCI (resubmitted with revisions).
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10. 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. Submitted to Arch of Internal Med (resubmitted with revisions).
11. Oeffinger KC, Hudson MM, Mertens AC, Smith SM, Mitby PA, Eshelman-Kent DA, Ford JS, Jones JK, Kamani S, Robison LL. Project VISION pilot study: Feasibility of a tailored intervention to promote risk-based screening among high-risk survivors of childhood Hodgkin's lymphoma. Submitted to Pediatr Blood and Cancer (resubmitted with revisions).
12. Veiga LHS, Bhatti P, Ronchiers CM, Sigurdson AJ, Stovall M, Smith SA, Weather R, Leisenring W, Mertens AC, Hammond S, Neglia JP, Meadows AT, Donaldson SS, Sklar CA, Friedman DL, Robison LL, Inskip PD. Chemotherapy and the risk of thyroid cancer after a childhood malignancy: an update from the Childhood Cancer Survivor Study. To be submitted to JAMA.
13. Wampler MA, Galantino 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. Factors associated with inactivity in survivors of lower extremity sarcoma: A report from the Childhood Cancer Survivor Study. Submitted to Med Sci Sports Exerc.
14. Zebrack BJ, Stuber ML, Meeske KA, Yasui Y, Liu Q, Krull KK, Phipps S, Robison LL, Zeltzer LK. Prevalence and predictors of posttraumatic growth in adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. Submitted to J Pediatr Psychol.

Investigator-Initiated, Ancillary Studies for External-Funding That Utilize the CCSS Resource as of 5/4/10

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: 1996 - 2000

Funding Source: Genentech Foundation

Publications to Date: Risk of disease recurrence and second neoplasms in survivors of childhood cancer treated with growth hormone: A report from the Childhood Cancer Survivor Study. Sklar CA, et.al. *J Clin Endocrinol Metab* 2002;110:42-52; 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 (CCSS). Brownstein, et al. *J Clin Endocrinol Metab* 2004;89:4422-7; Growth hormone treatment and risk of second neoplasms in the childhood cancer survivor. Ergun-Longmire, et al. *J Clin Endocrinol Metab* 2006;91:3494-3498.

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: 1998 - 2002

Funding Source: National Institutes of Health (R01 CA77780)

Publications to Date: Smoking among participants in the childhood cancer survivors cohort: The Partnership for Health Study. Emmons K, et al. *J Clin Oncol* 2003; 21:189-96.; 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 (CCSS). Brownstein, et al. *J Clin Endocrinol Metab* 2004;89:4422-7.; Peer-delivered smoking counseling for childhood cancer survivors increases smoking cessation: The Partnership for Health Study. Emmons K, et. al. *J Clin Oncol* 2005;23:6516-23. Long-term smoking cessation outcomes among childhood cancer survivors in The Partnership for Health Study. Emmons K, et. al. *J Clin Oncol* 2009; 27:52-60.

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: Late Effects in Survivors of Childhood Acute Myeloid Leukemia

Dates of Funding: 1998 - 2004

Funding Source: National Institutes of Health (R01 CA78960)

Publications to Date: None

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: 1998 - 2002

Funding Source: National Institutes of Health (R01 CA79024)

Publications to Date: Premature menopause in survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. Sklar C, et al. *J Natl Cancer Inst* 2006;98:890-96; Acute ovarian failure in the Childhood Cancer Survivor Study. Chemaitilly W, et al. *J Clin Endocrinol Metab* 2006;91:1723-8.

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: 1999 - 2003
Funding Source: Robert Wood Johnson Foundation
Publications to Date: Health care of young adult survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. Oeffinger, et al. *Ann Family Med* 2004;2:61-70; Promoting physical activity in childhood cancer survivors: Targets for intervention. Cox, et al. *Cancer* 2009;115:642-54.
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
Publications to Date: Female survivors of childhood cancer: Preterm birth and low birth weight among their children. Signorello, et al. *J Natl Cancer Inst* 2006;98:1453-61.
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.

Principal Investigator: Ann Mertens (University of Minnesota)
Title: Health Profiles in Adolescent Survivors of Childhood Cancer
Dates of Funding: 2001 - 2003
Funding Source: American Cancer Society
Publications to Date:
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: 2001 - 2002
Funding Source: ASCO (Young Investigator Award) and NCCF (Fellowship Award)
Publications to Date: Education, employment, insurance and marital status among 694 survivors of pediatric lower extremity bone tumors: A report from the Childhood Cancer Survivor Study. Nagarajan R, et. al. *Cancer* 2003;97:2554-64.; Function and quality of life of survivors of pelvic and lower extremity osteosarcoma and Ewing's sarcoma: The Childhood Cancer Survivor Study. Nagarajan R, et. al. *Br J Cancer* 2004;91:1858-65; Self-reported global function among adult survivors of childhood lower-extremity bone tumors: A report from the Childhood Cancer Survivor Study. Nagarajan, et al. *J Cancer Survivorship*, 2009; 3(1): 59-65.
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: Lonnie Zeltzer (UCLA)
Title: Psychosocial, Behavioral and Pain Outcomes in Survivors of Childhood Cancer
Dates of Funding: 2002 - 2006
Funding Source: Lance Armstrong Foundation
Publications to Date: Psychological outcomes in long-term survivors of childhood brain cancer: A report from the Childhood Cancer Survivors Study. Zebrack, et al. *J Clin Oncol* 2004; 22: 999-1006; Psychological distress in long-term survivors of solid tumors diagnosed in childhood: A report from the Childhood Cancer Survivors Study. Zebrack, et al. *Pediatr Blood and Cancer* 2007; 49: 47-51.
Study Aims: Determine, within the CCSS cohort, the prevalence and risk factors for psychosocial outcomes in long-term survivors of childhood and adolescent cancer.

Principal Investigator: Ann Mertens (University of Minnesota)
Title: Radiation Dosimetry for Childhood Cancer Survivors
Dates of Funding: 2003 - 2005
Funding Source: Lance Armstrong Foundation
Publications to Date: Second primary thyroid cancer after a first childhood malignancy: A report from the Childhood Cancer Survivor Study. Sigurdson, et al. *Lancet* 2005; 365: 2014-23; Thyroid cancer in childhood cancer survivors: A detailed evaluation of radiation dose-response and its modifiers. Ronckers, et al. *Radiat Res.* 2006; 166: 618-628; Radiation dose and breast cancer risk among survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. Inskip, et al. *J Clin Oncol*; 2009; 27: 3901-7.
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: 2003 - 2004
Funding Source: Lance Armstrong Foundation
Publications to Date: Manuscript submitted
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: 2004 - 2005
Funding Source: National Institutes of Health (R21 CA1068778)
Publications to Date: Metabolic syndrome and growth hormone deficiency in adult survivors of childhood acute lymphoblastic leukemia. Gurney, et al. *Cancer* 2006; 107: 1303-12; Body composition, muscle strength deficits and mobility limitations in adult survivors of childhood acute lymphoblastic leukemia. Ness, et al. *Pediatr Blood Cancer* 2007; 48: 975-81; Health knowledge about symptoms of heart attack and stroke in adult survivors of childhood acute lymphoblastic leukemia. Gurney, et al. *Ann Epidemiol* 2007; 17: 778-81; Endothelial function in young adult survivors of childhood acute lymphoblastic leukemia. Dengel, et al. *J Pediatr Hematol Oncol* 2008; 30: 20-25; Poor adherence to dietary guidelines among adult survivors of childhood acute lymphoblastic leukemia. Robien, et al. *J Pediatr Hematol Oncol* 2008; 30: 815-22; Bone mineral density in young survivors of acute lymphoblastic leukemia. Thomas, et al. *Cancer* 2008; 113: 3248-56.
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: 2004 - 2005
Funding Source: National Institute of Health (R21 CA106972)
Publications to Date: Breast cancer surveillance practices among women previously treated with chest radiation for childhood cancer: A report from the Childhood Cancer Survivor Study, Oeffinger KC, et. al. *JAMA* 2009;301:404-14.
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: Ann Mertens (University of Minnesota)
Title: Radiation Dose and Risk of Non-Melanoma Skin Cancer in Cancer Survivors
Dates of Funding: 2006 - 2008
Funding Source: Lance Armstrong Foundation
Publications to Date: 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.
Study Aims: Investigate radiation doses and the subsequent risk of non-melanoma skin cancer in cancer survivors.

Ancillary Studies: Active

Principal Investigator: Debra Friedman (University of Washington)

Title: Health Outcomes for Hodgkin Disease Survivors

Dates of Funding: 2004 - 2010

Funding Source: National Institutes of Health (R01 CA106897)

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: Lillian Meacham (Emory University)

Title: Testicular and sexual dysfunction in adult survivors of childhood cancer

Dates of Funding: 01/01/07 – 12/31/09

Funding Source: Lance Armstrong Foundation

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: Kenan Onel (University of Chicago)

Title: The Genetics of Secondary Cancer

Dates of Funding: 1/7/07 – 6/30/10

Funding Source: National Cancer Institute (R21)

Study Aims: Detailed genomic and functional analysis of inborn susceptibilities in another SMN, IR-induced SMN in Hodgkin disease survivors

Principal Investigator: Robert Klesges (St. Jude Children's Research Hospital)

Title: Efficacy of a Tobacco Quit Line for Childhood Cancer Survivors

Dates of Funding: 01/29/08 – 11/30/12

Funding Source: National Institutes of Health (R01 CA127964-02)

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: 9/17/08 – 8/31/12

Funding Source: National Institutes of Health (K07 Award funded July 2008)

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.

Principal Investigator: Peter Stambrook (University of Cincinnati)

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

Dates of Funding: 12/1/08 – 11/30/13

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

Data Collection Complete:

Publications to Date:

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: 01/01/09 – 12/31/11

Funding Source: Lance Armstrong Foundation

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: Stella Davies (Cincinnati Children's Hospital Medical Center)
Title: Prediction Model for Radiation Sensitivity in Children with Cancer
Dates of Funding: 1/16/09 – 6/30/11
Funding Source: National Cancer Institute (U01 CA139275-01)
Study Aims: To identify genetic polymorphisms related to BCC following radiation.

Principal Investigator: Douglas Ris (Baylor College of Medicine)
Title: Adult Neurobehavioral Late Effects of Pediatric Low Grade Brain Tumors
Dates of Funding: 06/01/09 – 04/30/14
Funding Source: National Institutes of Health (R01 – CA132899-01A1)
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: Lorna Finnegan (University of Illinois at Chicago)
Title: Symptom Cluster Mixed Model in Adult Survivors of Childhood Cancer
Dates of Funding: 07/01/09 – 06/30/11
Proposed Funding Source: National Institutes of Health (R01)
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: 09/30/09 – 07/31/13
Funding Source: National Institutes of Health (R01)
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: Cheryl Cox (St. Jude Children's Research Hospital)
Title: Investigating the needs of childhood cancer survivors: The unreported experience (INSURE)
Dates of Funding: 12/01/09 – 11/30/11
Funding Source: National Cancer Institute (R21)
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: Kevin Oeffinger (Memorial Sloan Kettering Cancer Center)
Title: Encourage Mammography and Prevention Opportunities for Women Exposed to Radiation
Dates of Funding: 12/01/09 – 11/30/13
Funding Source: National Institutes of Health (R01)
Study Aims: Determine efficacy of stepwise two-component intervention on mammography rates and explore moderating and mediating factors.

Principal Investigator: Chaya Moskowitz (Memorial Sloan Kettering Cancer Center)
Title: Projecting Absolute Breast Cancer Risk Following Radiotherapy in Survivors of Childhood Cancer
Dates of Funding: 2010 - 2013
Funding Source: National Institutes of Health (R01)
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.

Ancillary Studies: Proposed

Principal Investigator: Qian Lu (UCLA)

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

Dates of Funding: NA

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: Whitney Witt (University of Wisconsin)

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

Dates of Funding: NA

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: Kayla Kamdar (Baylor)

Title: Genetic Susceptibility to Obesity after Treatment for Childhood Leukemia

Dates of Funding: NA

Proposed Funding Source: Leukemia & Lymphoma Society Translational Research Program (Quality of Life Research Initiative: Submitted)

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

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

Principal Investigator: Jin-Shei Lai (Northwestern University)

Title: Cancer Fatigue Monitoring from Childhood into Adulthood

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

Study Aims: Development of a valid, lifespan assessment of fatigue

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 participant and CCSS 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: 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 survivor populations.

Childhood Cancer Survivor Study (CCSS)

Presented Abstracts 1997 – 2010

Year	Number
2010	17
2009	5
2008	26
2007	10
2006	14
2005	12
2004	16
2003	6
2002	17
2001	9
2000	2
1999	6
1998	1
1997	1

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.

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. Twenty-five year follow-up among survivors of childhood 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. 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. Hypothalamic/Pituitary radiation exposure in low doses may result in decreased 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. Antidepressant use is associated with 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.

A1012 Kirchhoff AC, Pandiscio JC, Armstrong GT, Leisenring W, Robison LL, Park ER. Employment and health insurance concerns for adult childhood cancer survivors. Society of Behavioral Medicine, April 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 Clanton N, 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 survivors of childhood cancer: A report from the Childhood Cancer Survivor Study. International Society of Pediatric Oncology, October 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.

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.

A0826 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. The Society for Research in Child Development, 2008.

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. Understanding the impact of Psychosocial Factors in Healthcare Access in Adult Minority Survivors of Childhood Cancer: A CCSS 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.

2002

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.

CCSS Trainee List

Trainee/Mentee	Training Experience	Current Position	CCSS Publications
Nina Kadan-Lottick, MD, MSPH	Post-doctoral Fellowship	Assistant Professor Division of Pediatric Hematology-Oncology Yale University New Haven CT	JAMA 2002; Epidemiology 2003
Brad Zebrack, PhD	Post-doctoral Fellowship	Assistant Professor School of Social Work University of Michigan Ann Arbor, MI	Pediatr 2002; J Clin Oncol 2004
Pauline Mitby, MPH	Graduate Training	Clinical Research Associate Division of Pediatric Hematology-Oncology Children's Hospital of Minnesota Minneapolis, MN	Cancer 2003
Rajaram Nagarajam, MD, MS	Post-doctoral Fellowship and Graduate Training	Assistant Professor Division of Pediatric Hematology-Oncology Cincinnati Children's Hospital Cincinnati, OH	Cancer 2003; Br J Cancer 2004
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	Instructor Department of Pediatrics Harvard Medical School Pediatric Oncology Dana-Farber Cancer Institute Boston MA	Ann Intern Med 2004
Elyse Park, PhD	Graduate Training	Assistant Professor Harvard Medical School Department of Psychiatry Massachusetts General Hospital Boston MA	J Clin Oncol 2005
Sharon Castellino, MD, MS	Graduate Training	Associate Professor Department of Pediatrics Wake Forest University Winston-Salem, NC	J Clin Oncol 2005
Joanna Perkins, MD, MS	Post-doctoral Fellowship and Graduate Training	Hematology-Oncology Children's Hospital of Minnesota Minneapolis, MN	J Clin Oncol 2005
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 Professor Pediatric Endocrinology University of Pittsburgh Medical Center Pittsburgh, PA	J Clin Endocrinol Metab 2006
Mylene Bassal, MD	Post-doctoral Fellowship	Assistant Professor 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
Cecile Ronckers, PhD	Post-doctoral Fellowship	Epidemiologist University Hospital Amsterdam, Netherlands	Radiat Res 2006

Trainee/Mentee	Training Experience	Current Position	CCSS Publications
Tara Henderson, MD, MPH	Post-doctoral Fellowship and Graduate Training	Assistant Professor Department of Pediatrics University of Chicago Chicago, IL	JNCI 2007
Eric Chow, MD, MPH	Post-doctoral Fellowship and Graduate Training	Research Associate Fred Hutchinson Cancer Research Center Seattle, WA	J Pediatr 2007; Pediatr Blood Cancer 2009
Todd Florin, MD	Medical Student	Pediatric Emergency Fellow Children's Hospital of Philadelphia Philadelphia, PA	Cancer Epi Biomarker Prev 2007
Kris Ann Schultz, MD, MS	Post-doctoral Fellowship and Graduate Training	Hematology-Oncology Children's Hospital of Minnesota Minneapolis, MN	J Clin Oncol 2007
Jenny Pang, MD, MPH	Post-doctoral Fellowship and Graduate Training	Clinical Assistant Professor Department of Epidemiology University of Washington School of Public Health 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	Post-doctoral Fellowship and Graduate Training	Assistant Professor Department of Pediatrics University of Minnesota Minneapolis, MN	Sleep 2008
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 Depart. of Family Health Care Nursing UCSF Research Scientist and Adjunct Associate Professor of Health Education San Francisco State University San Francisco, CA	Addiction 2008
Edward Garmey, MD	Post-doctoral Fellowship	Associate Director for Clinical Development GPC-Biotech Princeton, NJ	J Clin Oncol 2008
Natasha Buchanan, PhD	Post-doctoral Fellowship	Behavioral Scientist Centers for Disease Control Atlanta, GA	Cancer In Press
Meagan Lansdale, MD	Medical Student	Anesthesiology Resident Stanford University Palo Alto, CA	Cancer In Press
Caroline Laverdiere, MD	Post-Fellowship Training	Department of Pediatrics University of Montreal Sainte-Justine Hospital Montreal, QC	JNCI 2009
Christopher Jason, MD	Medical Student	Pediatric Resident Boston Children's Hospital Boston MA	Cancer Epi Biomarker Prev In Press
Karen Wasilewski-Masker, MD, M.Sc.	Post-doctoral Fellowship	Assistant Professor Department of Pediatrics Emory University School of Medicine Atlanta, GA	JNCI In Press
Lisa Kahalley, PhD	Post-doctoral Fellowship	Department of Behavioral Medicine St. Jude Children's Research Hospital Memphis, TN	Submitted

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 - Business Associate 2005
 - Coordinating Center 2005
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 - Molecular Genetics Bank 2005
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 - Chronic Disease Working Group 2005
 - Biostatistics and Epidemiology Working Group 2005
 - Reproductive Outcomes Working Group 2005
 - Genetics Working Group 2005
 - Psychology Working Group 2005
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- Investigator Meeting - 2007
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 - Chronic Disease Working Group 2007
 - Biostatistics and Epidemiology Working Group 2007
 - Reproductive Outcomes Working Group 2007
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