

Wednesday

Updates and Reports Centers and Committees

Reception

Thursday

New format for Working Groups

Working Group Presentations

Lunch with Break-out Sessions

Research Presentations

Meeting Format

To increase integration and discussion across the Working Groups.

- Concise summary of previous research topics
- Summarize and discuss research topic under consideration
- Describe and discuss gaps in knowledge
- Opportunities within CCSS
- Topic-specific request for applications

Working Group Break-out Sessions

During lunch

Informal discussions

Childhood Cancer Survivor Study (U24 CA 55727) Cohort History

Follow-up 2000

(FU#1) 02/1/00 – 12/10/02

Follow-up 2005

(FU#3) 04/09/05 – 11/15/06

Baseline

10/29/92 – 12/10/02

Follow-up 2003

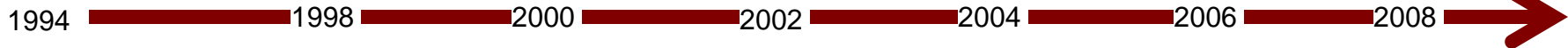
(FU#2) 11/06/02 – 04/25/05

Follow-up 2007

(FU#4) 07/13/07 - present

Buccal Cell Collection Initial 09/08/98 – 01/10/06

Expansion



**Women's Health
Survey**

06/27/01 – 01/23/03

**Health Information
Survey**

11/05 – 08/06

**Men's Health
Survey**

02/08 - present

**Healthcare
Barriers Survey**

02/01/01 – 10/10/01

Teen Survey

12/10/01 – 02/27/03

**Mammography
Survey**

06/06/05 – 08/24/06

**Bone Tumor
Survey**

11/08/00 – 07/05/02

**Sleep/Fatigue
Survey**

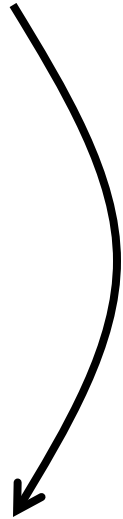
11/06/02 – 02/10/04

Funding Yr. 12-16

| Year | (%) |
|------|-----|
| 12 | 54% |
| 13 | 82% |
| 14 | 85% |
| 15 | 87% |
| 16 | 89% |

Funding Yr. 12-17

| Year | (%) |
|------|------|
| 12 | 54% |
| 13 | 82% |
| 14 | 85% |
| 15 | 87% |
| 16 | 89% |
| 17 | \$1M |



12/1/05 – 11/30/11

Year 13

Revising subcontracts for additional support:

Institutional PI – 5%

Steering Committee – 5%

CRA – up to 100% for (8/1/07 – 11/30/07)

Increased support for Radiation Dosimetry

Statistical support in Alberta

Public access – Gurney

Year 14

- Continue investigator support
- Maximize CRA support to complete all medical record abstraction before the end of Year 14
- Biological sample collection
- Sibling cohort

Years 15-17

- Decrease institutional PI support (2%)
- Begin follow-up 1 surveys

Steering Committee

Eric Chow, University of Washington and FHCRC

Paul Nathan, Hospital for Sick Children Toronto

Preetha Rajaraman, National Cancer Institute

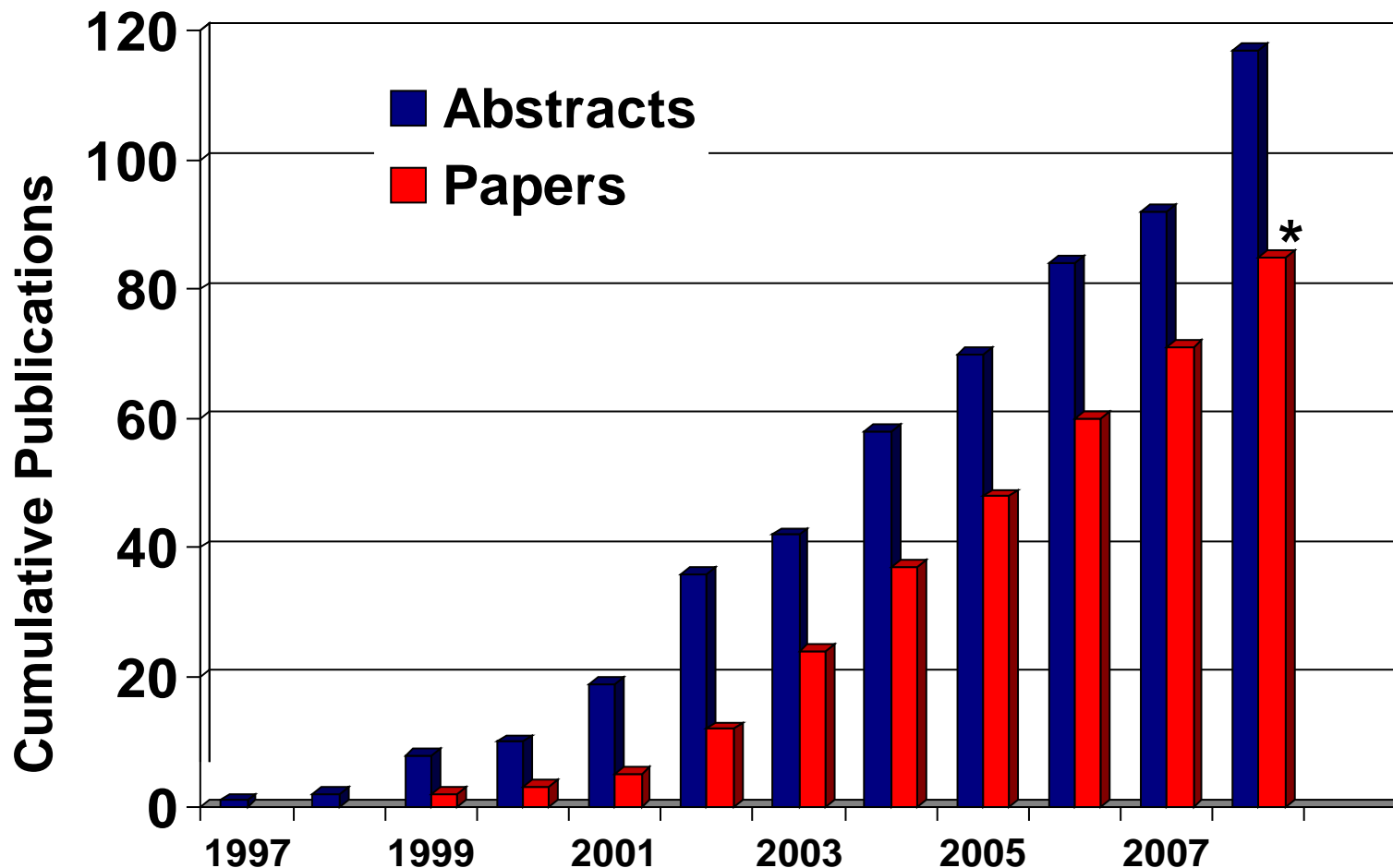
Smita Bhatia, City of Hope National Medical Center

Working Groups

Genetics Working Group: L. Strong and S. Bhatia

Publications

Pages 41-57

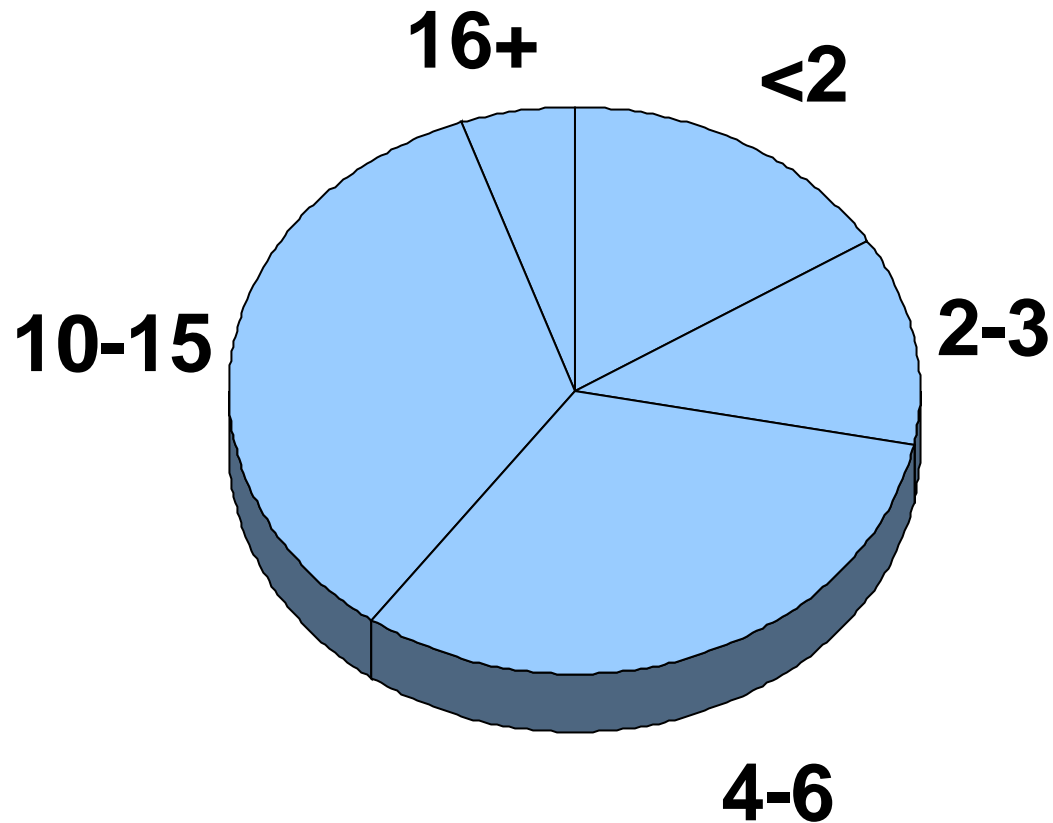


* Includes Published and In Press

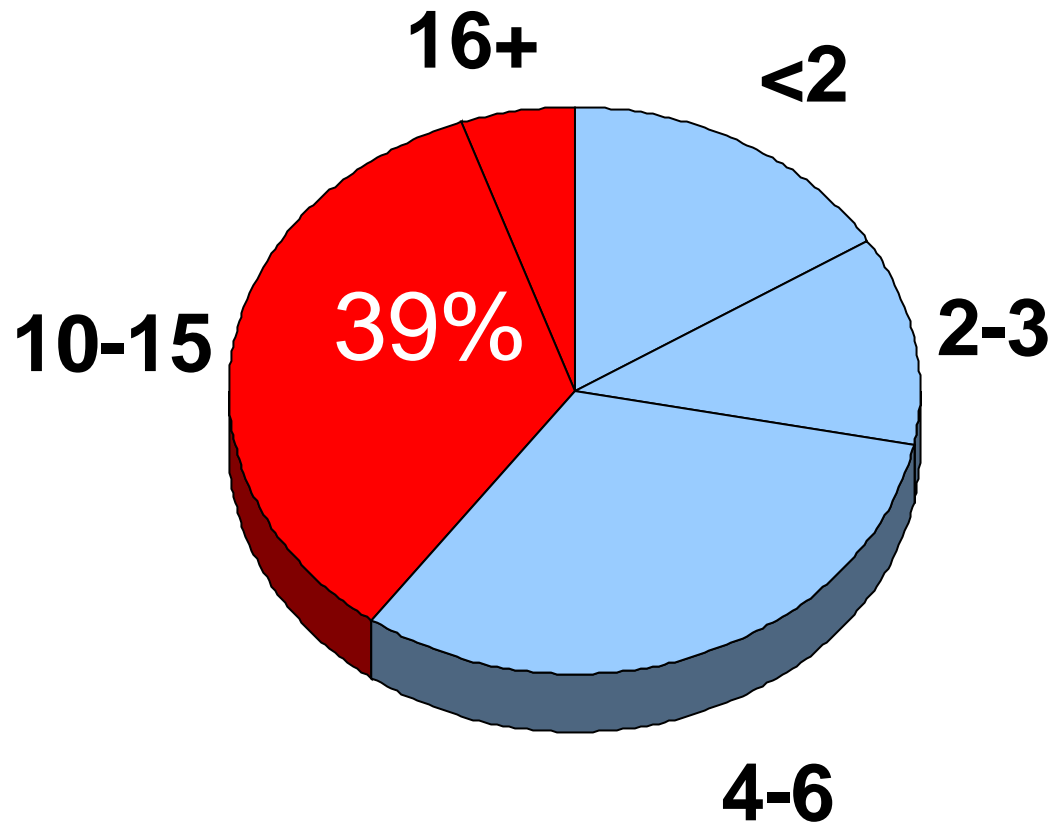
J Clin Oncol
Cancer
Pediatr Blood Cancer
J Clin Endocrinol Metab
JNCI
Psychol Oncol
J Clin Epidemiol
JAMA
Cancer Epi Biomarkers Prev
Ann Intern Med
 Prev
 Psychol Assess
 Radiat Res
 Sleep

Lancet
NEJM
J Pediatr
Pediatr
Am J Gynecol
Epidemiology
Am J Epidemiol
Ann Fam Med
J Pub Health Dent
Int J Radiat Oncol Biol Phys
Br J Cancer
Sleep
Arch Phys Med
Arch Phys Med

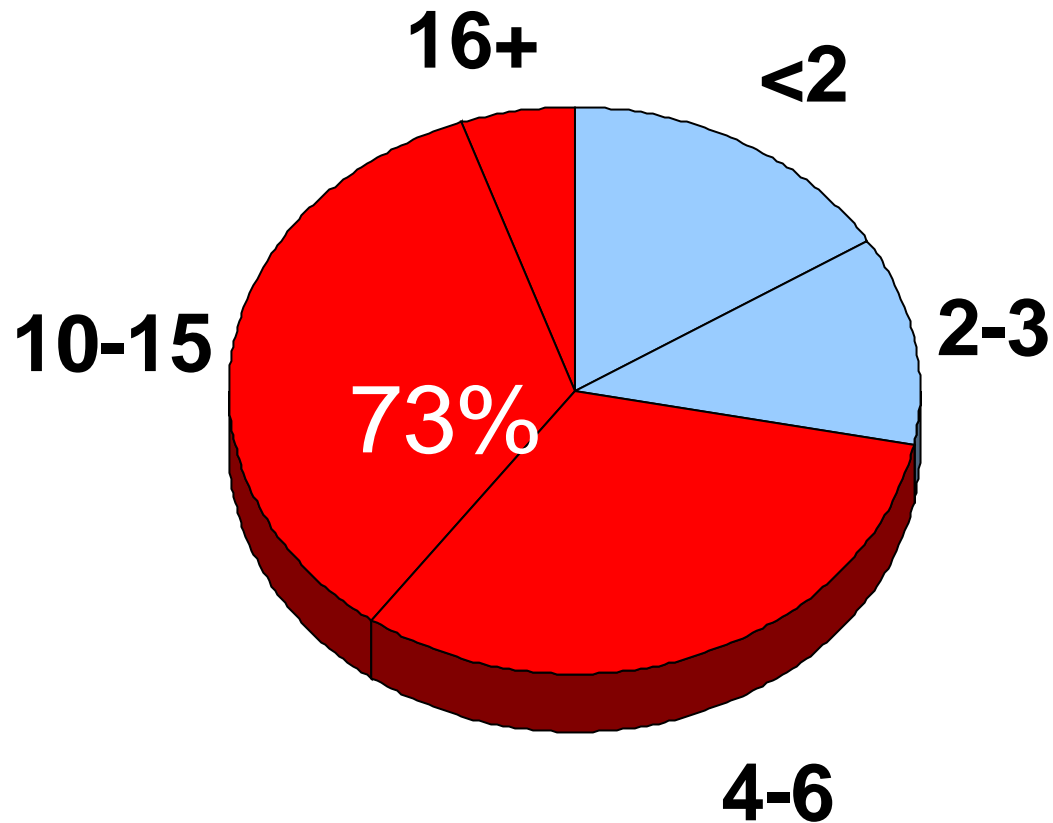
Publications – Impact Factor



Publications – Impact Factor ≥ 10



Publications – Impact Factor ≥ 4



Manuscripts summarizing the project and previous findings from CCSS:

CCSS as a resource for research (Project Overview)

Pediatric cancer survivorship research (Methods)

Late mortality

Second malignancies

Health behaviors, medical care, health promotion

Psychosocial outcomes

Fertility and reproductive outcomes

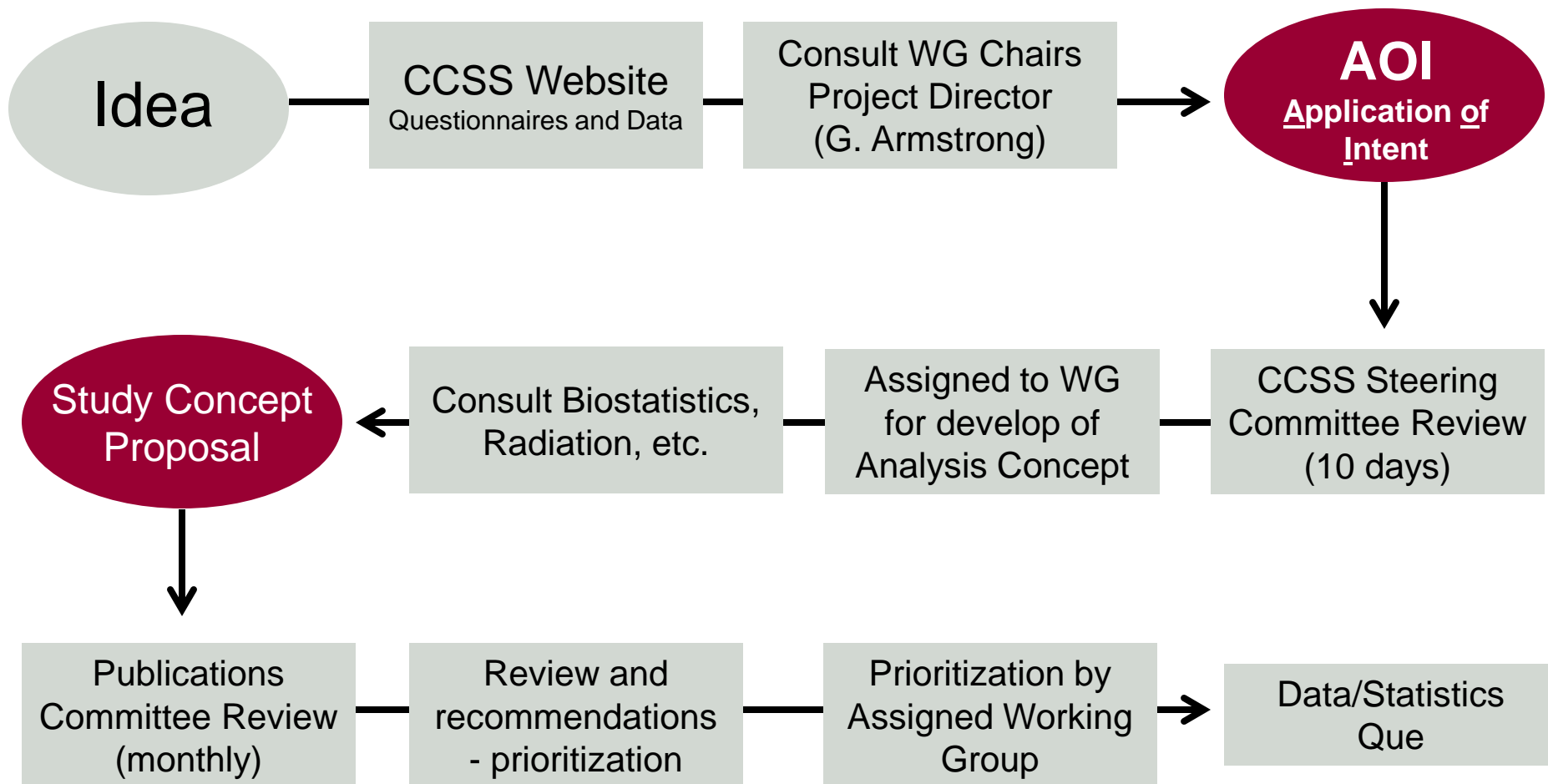
Chronic health conditions

Functional limitations

Psychological outcomes

Genetics in survivorship research

Development of Study Proposal



Resource Utilization

Ancillary Studies

Public Access Database

James Gurney – lead

Phased approach

Phase I Basic data tables (html)

Phase II Generate simple data summaries

Phase III Online analyses
Individualized data requests

Ancillary Studies

Principal Investigator: Doug Ris (Cincinnati Children's)

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

Specific Aims: (1) Ascertain the presence, degree, and nature of neuropsychological dysfunction in adults treated as children for low grade brain tumors, (2) investigate accelerated cognitive aging.

Funding: R01 application

Status: Priority score 303, A1 submitted

Principal Investigator: Chaya Moskowitz (Sloan Kettering)

Title: Projecting Absolute Breast Cancer Risk Following Radiotherapy in Survivors of Childhood Cancer

Specific Aims: (1) Determine association of dose of chest RT, additional treatment factors, and traditional breast cancer risk factors with RR of breast cancer in childhood cancer survivors, and (2) Develop a breast cancer risk prediction tool.

Funding: R01 application

Status: Submitted Feb. 2008

Ancillary Studies

Principal Investigator: Melissa Hudson

Title: Promoting Health Monitoring After Childhood Cancer

Specific Aims: Conduct a randomized trial to test (1) generic health risk, vs. (2) tailored health risk, vs. (3) tailored health risk + proactive counseling to increase the rate of successful screening for at least one risk-based recommendation.

Funding: R01 application

Status: 01 and A1 applications both unscored. Plan to revise and resubmit as a new application in October 2008.

Principal Investigator: Karen Kuhlthau, Elyse Park

Title: Health Insurance for Childhood Cancer Survivors

Specific Aims: (1) Obtain specific data on coverage disparities, (2) quality of coverage and consequences/concerns, (3) knowledge regarding legislation and type of health coverage, (4) reasons/barriers for no health insurance and (5) translate findings into a health insurance program for survivors.

Funding: ACS

Status: Initial application positively reviewed, but not funded. Revised application submitted but not funded. Submission to LAF, June 2008

Ancillary Studies

Principal Investigator: Lorna Finnegan

Title: Symptom Cluster Mixed Model in Adult Survivors of Childhood Cancer

Specific Aims: (1) Identify subgroups using a five-symptom cluster including pain, fatigue, sleep disturbance, psychological stress, difficulty concentrating to determine relationships with influencing factors (e.g., cancer type, treatment modality, etc.), (2) characterize symptom clusters associated with negative outcomes (functional status and general health), and (3) compare within survivor-sibling pairs to examine the effect of family membership.

Funding: R01 submitted February 2008

Ancillary Studies

Principal Investigator: Richard Sposto (CHLA)

Title: Statistical models for risk/benefit analysis of targeted treatment strategies in childhood cancer

Specific Aims: (1) Generalize the risk/benefit method proposed by Sposto et. al. for optimizing the assignment of treatments to prognostically defined risk groups and (2) use the developed methods to analyze treatment and risk group assignment in Hodgkin disease.

Funding: R01

Status: 01 and A1 applications unscored, pending summary statement from A1 review.

Principal Investigator: Whitney Witt (Univ. of Wisconsin)

Title: Stress and Aging Among Parental Caregivers of Childhood Brain Tumor Survivors

Specific Aims: (1) Determine if and to what extent perceived caregiver stress is related to somatization, cellular aging, and prevalence of aging-related diseases, (2) characterize the pathways through which caregiver stress impacts aging, and (3) examine the relationship of self-reported caregiver stress with HRQL of survivors.

Funding: R01

Status: 01 and A1 applications both unscored.

Principal Investigator: Kevin Oeffinger

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

Specific Aims: (1) Determine efficacy of a stepwise two-component intervention on mammography rates, (2) explore moderating and mediating factors, and (3) explore informed-decision process.

Funding: R01 grant

Status: Submitted October 2008, priority score 164, waiting on summary statement

Ancillary Studies

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

Title: Childhood Cancer Survivor Study Partners

Specific Aims: Establish a formal collaboration between an informed, responsible corp of CCSS participants and CCSS investigators: (1) recruit and train 10-12 survivors or parents of disabled survivors, (2) develop and implement a modular curriculum, (3) establish regular interactions, (4) engage Partners in community outreach strategies.

Funding: RFA

Status: Application submitted January 2008

Principal Investigator: Anne Lown (SF State University)

Title: Alcohol consumption among childhood cancer survivors

Specific Aims: One CCSS Aim - Describe the prevalence and risk factors for survivor and sibling drinking and health-risk behaviors over time.

Funding: K07 Award

Status: First submission not funded, revised and resubmitted, pending review.

Ancillary Studies

Principal Investigator: Tara Henderson (Univ. of Chicago)

Title: Health beliefs and behavior: Cohort studies in pediatric cancer survivorship

Specific Aims: One CCSS aim - Characterize barriers and facilitators to 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.

Funding: K07 Award

Status: Submitted October 2007, priority score of 160

Principal Investigator: Robert Klesges (St. Jude)

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

Specific Aims: To conduct a randomized intervention trial designed to test the efficacy of Pro-active versus Reactive approach for smoking cessation.

Funding: R01 Award

Status: Funded March 2008

Proposed Ancillary Studies

Jonine Bernstein (Sloan Kettering) - Hodgkin's Etiology

Mehmet Ocku (Baylor) – Polymorphisms and neurological outcomes

Michael Foster (UNC) – Long-term cost of illness

Vic Strecher (Univ. Mich) - Parent Intervention, Adolescent CNS

Future Priorities - Ranked

Interventions (focused to broad-based)

Utilization of biological samples

Impact of more recent treatment approaches (intensity)

Cardiac/cardiovascular outcomes

“Aging” and “Senior” survivors

Quality over quantity

Studies of offspring

SMN/mortality outcomes

Successful expansion of cohort with strong participation

Genetic contribution to late effects

Evaluate generalizability of CCSS results

Scientific strategic planning

Integration of new technologies

Perform “hands-on” studies

Societal integration (barriers)

Monitor chronic disease

