**Section: Contact Information**

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**Section: Project Requirements and Description**

**Group: Requirements to submit AOI**

A comprehensive review of previously published data has been completed. : Yes  
The specific aims are clear and focused. : Yes  
The investigator has appropriate experience and expertise to develop the concept proposal; if not, has identified a mentor or senior co-investigator. : Yes  
The investigator agrees to develop an initial draft of the concept proposal within 6 weeks of approval of the AOI and to finalize the concept proposal within 6 months. : Yes

Project Title: Health Outcomes in Older Survivors of Childhood Cancer

Planned research population (eligibility criteria):  
Childhood cancer survivors alive at ≥ 50 years of age; Siblings ≥50 years old at study participation.

Proposed specific aims:

1. Characterize overall and cause-specific mortality:  
a. Describe the cumulative incidence of cause-specific mortality, conditioned on having survived to 50 years of age  
b. Compare the relative rate of mortality (overall, cause-specific) in this cohort, relative to the age-, calendar year, and sex-matched United States’ general population

2. Determine the cumulative incidence and risk factors (sociodemographic, treatment-related, behavioral) for subsequent neoplasms after 50 years of age

3. Compare the prevalence of severe or life-threatening chronic health conditions between survivors and siblings who completed a health outcomes questionnaire at ≥50 years of age. Determine sociodemographic, treatment, and behavioral factors associated with severe or life-threatening chronic health conditions in survivors.

4. Compare the prevalence of adverse health status outcomes (e.g. poor general health, adverse mental health, functional impairment, activity limitations) between survivors and siblings who completed a questionnaire at ≥50 years of age. Examine the association between chronic health conditions and adverse health status in survivors. Determine sociodemographic, treatment, and behavioral factors associated with adverse health status in survivors.
Will the project require non-CCSS funding to complete?: **No**
If yes, what would be the anticipated source(s) and timeline(s) for securing funding?:

**Group: Does this project require contact of CCSS study subjects for:**
Additional self-reported information: **No**
Biological samples: **No**
Medical record data: **No**
If yes to any of the above, please briefly describe: 

**Group: What CCSS Working Group(s) would likely be involved? (Check all that apply)**
Second Malignancy: **Secondary**
Chronic Disease: **Primary**
Psychology / Neuropsychology: **Secondary**
Genetics:
Cancer Control: **Secondary**
Epidemiology / Biostatistics:

**Section: Outcomes or Correlative Factors**
Late mortality: **Primary**
Second Malignancy: **Secondary**

**Group: Health Behaviors**
Tobacco: **Correlative Factors**
Alcohol: **Correlative Factors**
Physical activity: **Correlative Factors**
Medical screening: **Correlative Factors**
Other:
If other, please specify:

**Group: Psychosocial**
Insurance:
Marriage:
Education: **Correlative Factors**
Employment: **Correlative Factors**
Other:
If other, please specify:

**Group: Medical Conditions**
Hearing/Vision/Speech:
Hormonal systems:
Heart and vascular:
Respiratory:
Digestive:
Surgical procedures:
Brain and nervous system:
Other:
If other, please specify:
Group: Medications
Describe medications:

Group: Psychologic/Quality of Life
BSI-18:
SF-36:
CCSS-NCQ:
PTS:
PTG:
Other:
If other, please specify:

Group: Other
Pregnancy and offspring:
Family history:
Chronic conditions (CTCAE v3): Secondary
Health status: Secondary

Group: Demographic
Age: Correlative Factors
Race: Correlative Factors
Sex: Correlative Factors
Other:
If other, please specify:

Group: Cancer treatment
Chemotherapy: Correlative Factors
Radiation therapy: Correlative Factors
Surgery: Correlative Factors

Section: Anticipated Sources of Statistical Support
CCSS Statistical Center: Yes
Local institutional statistician:
If local, please provide the name(s) and contact information of the statistician(s) to be involved.: 
Will this project utilize CCSS biologic samples?: No
If yes, which of the following?:
If other, please explain:

Section: Other General Comments
Other General Comments:
Thank you for considering our application. We will also plan to submit this proposal for the CCSS Career Development Award.
I agree to share this information with St. Jude: Yes