

### **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  $\geq 50$  years of age; Siblings  $\geq 50$  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  $\geq 50$  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  $\geq 50$  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**