**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: The Genomic Landscape of Second Malignant Neoplasms from the Childhood Cancer Survivor Study  
Planned research population (eligibility criteria): Survivors with a subsequent neoplasm with available FFPE tissue  
Proposed specific aims:  
Aim 1: Determine the genomic landscape of breast, thyroid, and meningioma SMNs from pediatric cancer survivors  
Aim 2: Model the clonal evolution trajectory of SMNs from pediatric cancer survivors  
Aim 3: Identify monitoring approaches for early detection of SMNs from pediatric cancer survivors  
Will the project require non-CCSS funding to complete? : Yes  
If yes, what would be the anticipated source(s) and timeline(s) for securing funding?:  
An R01 will be submitted October 2021

**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 :  
Psychology / Neuropsychology :
Section: Outcomes or Correlative Factors

Late mortality:
Second Malignancy: Primary

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

Group: Psychosocial
Insurance:
Marriage:
Education:
Employment:
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):
Health status:

**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?: Yes
If yes, which of the following?: Second malignancy pathology samples
If other, please explain:

**Section: Other General Comments**
Other General Comments:
I agree to share this information with St. Jude: Yes