**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 relationships of persistent symptoms with relapse, second malignant neoplasm, and mortality  
Planned research population (eligibility criteria):  
1) Childhood cancer survivors >= 18 years old; 2) all types of cancers.  
Proposed specific aims:  
To examine the relationships of persistent symptoms (distress symptoms, pain, fatigue, etc.) with relapse, second malignant neoplasm, and mortality using data collected from different time points, including baseline and follow-ups.  
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: Secondary
Psychology / Neuropsychology: Secondary
Genetics:
Cancer Control:
Epidemiology / Biostatistics: Primary

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

**Group: Medical Conditions**

Hearing/Vision/Speech: Correlative Factors
Hormonal systems: Correlative Factors
Heart and vascular: Correlative Factors
Respiratory: Correlative Factors
Digestive: Correlative Factors
Surgical procedures: Correlative Factors
Brain and nervous system: Correlative Factors
Other:
If other, please specify:

Group: Medications
Describe medications:

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

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

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:

I have discussed this concept with Drs. Armstrong, Krull and Robison. We believe this study will provide useful insights about how symptoms are related to cancer outcomes in survivors.