**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:** Psychological Distress, Neurologic Morbidity and Functional Independence among Adult Survivors of Childhood Cancer treated with CNS-Directed Therapies

Planned research population (eligibility criteria):  
CCSS survivors who self-completed the original or expansion baseline surveys, and who received CNS-directed cancer treatments during childhood

Proposed specific aims:  
**Aim 1:** To examine the prevalence of psychological distress and suicide ideation in long-term survivors of childhood cancer treated with CNS-directed therapies, and compare the frequency of distress and suicide ideation by decade of diagnosis (1970’s v 1980’s v 1990’s).  

**Aim 2:** To examine associations between neurologic late effects (i.e. stroke, seizures/anticonvulsant medication use) and psychological distress and suicide ideation among adult survivors of childhood cancer treated with CNS-directed therapies.

**Aim 3:** To examine associations between psychological distress/suicide ideation, neurologic morbidity and functional independence (i.e. employment, independent...
living, assistance with routine/daily needs) among adult survivors of childhood
cancer treated with CNS-directed therapies.

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 :
Chronic Disease : Secondary
Psychology / Neuropsychology : Primary
Genetics :
Cancer Control :
Epidemiology / Biostatistics :

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

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

**Group: Psychosocial**
Insurance :
Marriage : Secondary
Education :
Employment : Secondary
Other : Secondary
If other, please specify : Living arrangement (independent living) and assistance
with routine/daily needs

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

**Group: Medications**
Describe medications:
Anticonvulsants (secondary outcome)

**Group: Psychologic/Quality of Life**
BSI-18: Primary
SF-36:
CCSS-NCQ:
PTS: Primary
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:
Local institutional statistician: Yes
If local, please provide the name(s) and contact information of the statistician(s) to be involved. :

**To be determined**

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 :

The specific aims have been discussed with Dr. Kevin Krull and Dr. Tara Brinkman.