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 : **Adolescent risk factors and behavior patterns associated with future alcohol and psychoactive medication use in young adult childhood cancer survivors and their siblings**

Planned research population (eligibility criteria) :
Childhood cancer survivors who were adolescents (12-17 years of age) at the time of the Original baseline questionnaire, whose parents completed the Behavior Problems Index, who then as young adults (> 21 years of age) completed the Follow-up 2007 Questionnaire, including the Brief Symptom Inventory-18. These data will also be compared to siblings using Baseline (<18yo) Sibling and Follow-up 2007 Sibling.

Proposed specific aims :
1. To identify risk factors (e.g. socio-demographics, diagnosis and treatment variables, psychosocial factors) present during adolescence associated with alcohol consumption and risky alcohol behavior in young adult childhood cancer survivors.
2. To examine the association between cognitive, behavioral, and social problems among childhood cancer survivors during adolescence and the onset of alcohol use and risky alcohol behavior as young adults, compared to siblings.
3. To examine the association between cognitive, behavioral, and social problems among childhood cancer survivors during adolescence and use of psychoactive

medications (e.g. antidepressants, stimulants, analgesics) as young adults, compared to siblings.
4. To examine the association between cognitive, behavioral, and social problems among childhood cancer survivors during adolescence and future psychological outcomes as young adults, compared to siblings.
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 :
Psychology / Neuropsychology : **Primary**
Genetics :
Cancer Control :
Epidemiology / Biostatistics :

Section: Outcomes or Correlative Factors

Late mortality :
Second Malignancy :

Group: Health Behaviors

Tobacco :
Alcohol : **Primary**
Physical activity :
Medical screening :
Other :
If other, please specify :

Group: Psychosocial

Insurance : **Correlative Factors**
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 :
Psychoactive medications including antidepressants, stimulants, and analgesics.

Group: Psychologic/Quality of Life

BSI-18 : **Correlative Factors**
SF-36 :
CCSS-NCQ :
PTS :
PTG :
Other : **Correlative Factors**
If other, please specify : **Behavior Problems Index**

Group: Other

Pregnancy and offspring :
Family history :
Chronic conditions (CTCAE v3) :
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 :

This project will be in collaboration with Kevin Krull, PhD and I-Chan Huang, PhD as my mentors.