**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: Loneliness predictors and outcomes in young adult childhood cancer survivors  
Planned research population (eligibility criteria): 
Young adults survivors between the age of 19 to 39 at the time of baseline  
Proposed specific aims:  
1. To estimate the prevalence and persistence of young adult survivors of childhood cancer who perceive them selves as lonely.  
2. To examine the demographic and treatment-related predictors of loneliness in young adult survivors of childhood cancer.  
3. To examine the impact of loneliness on Health related Quality of life (HRQL), and on psychological distress.  
4. To explore the impact of loneliness on future tobacco use, alcohol abuse, and physical activity.  
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: Secondary
- Epidemiology / Biostatistics:

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

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

**Group: Psychosocial**
- Insurance:
- Marriage: Correlative Factors
- Education: Correlative Factors
- Employment: Correlative Factors
- Other: Correlative Factors
  - If other, please specify: Living arrangement, income

**Group: Medical Conditions**
- Hearing/Vision/Speech: Correlative Factors
- 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: **Primary**
SF-36: **Primary**
CCSS-NCQ:
PTS :
PTG :
Other :
If other, please specify :

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

**Group: Demographic**
Age : Correlative Factors
Race : Correlative Factors
Sex : Correlative Factors
Other : Correlative Factors
If other, please specify : Age at diagnosis

**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:
Loneliness will be measured by using the young adult survivors responses on the Brief symptom inventory-18 (item: feeling lonely).