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: Neurocognitive Predictors of Risky Health Behaviors in Pediatric Cancer Survivors: Mood and Anxiety Symptoms as Moderators of Later Substance Use
Planned research population (eligibility criteria):
Survivors with substance use and their sibling controls
Proposed specific aims:
1. Demonstrate the pattern of late substance use (alcohol and tobacco) among cancer survivors who report neurocognitive deficits compared to sibling controls.
2. Identify specific neurocognitive impairments that may predict later substance use.
3. Determine whether a moderating relationship exists between mood/anxiety symptoms and increased substance use in survivors with self-reported neurocognitive deficits.
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
Section: Outcomes or Correlative Factors

Late mortality:
Second Malignancy:

Group: Health Behaviors
Tobacco: Primary
Alcohol: Primary
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: Correlative Factors
SF-36:
CCSS-NCQ: Correlative Factors
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:
Radiation therapy:
Surgery:

**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 Application of Intent to use CCSS data for secondary analysis for the purpose of dissertation is submitted by Eleanor Sammons, doctoral student in clinical psychology at Palo Alto University with the support of her mentor and dissertation chair, Tilman Schulte, Ph.D. (contact information below).

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I agree to share this information with St. Jude: Yes