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: Persistence of fatigue and associated factors in adult survivors of childhood cancer

Planned research population (eligibility criteria):
The combined cohort of survivors who are at least 18 years old. Phase 1 would involve screening a large representative sample for fatigue symptoms using the Eureka App. Phase 2 would involve repetitive sampling of fatigue, sleep, cognitive problems, depression, and actigraphy in survivors who demonstrate significant fatigue during Phase 1.

Proposed specific aims:
1. To examine the prevalence of fatigue in long-term survivors of childhood cancer.
2. To determine persistence of fatigue symptoms in long-term survivors of childhood cancer.
3. To identify comorbid symptoms associated with fatigue symptoms in long-term survivors of childhood cancer.

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: Yes
Biological samples: No
Medical record data: No
If yes to any of the above, please briefly describe.
Additional survey data and actigraphy would be collected through the Eureka App.

**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:
Alcohol:
Physical activity: Secondary
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:
SF-36:
CCSS-NCQ:
PTS:
PTG:
Other:
If other, please specify: PROMIS measures for fatigue, sleep, depression, and cognition.

**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: 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:

The survivor's cell phones will be used to collect movement (i.e. actigraphy) during wake and sleep.