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: MedicationsDescribe 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.