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: Exercise and Late Mortality in 5-Year Survivors of Childhood Cancer: a Report from the Childhood Cancer Survivor Study

Planned research population (eligibility criteria):
The study population will include the ~24,463 CCSS patients. Eligible participants will include the >5-year cancer survivors who were diagnosed between 1970 and 1999 at age <21 years at 1 of 31 institutions. Eligible diagnoses include leukemia, Hodgkin disease, non-Hodgkin lymphoma, central nervous system (CNS) malignancies, Wilms tumor, neuroblastoma, soft tissue sarcoma, and bone tumors.

Proposed specific aims:
1. Determine the association between exercise exposure and all-cause mortality in CCSS.
2. Determine the association between exercise exposure and cause-specific mortality.
3. Determine the association between meeting national exercise guidelines and all-cause mortality and cause-specific mortality.
4. Assess whether change in exercise exposure is associated with late mortality.

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: Secondary
Psychology / Neuropsychology:
Genetics:
Cancer Control: Primary
Epidemiology / Biostatistics: Secondary

Section: Outcomes or Correlative Factors
Late mortality: Primary
Second Malignancy: Secondary

Group: Health Behaviors
Tobacco:
Alcohol:
Physical activity: Primary
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: Secondary
Respiratory: Secondary
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:

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

**Group: Demographic**
Age: Primary
Race: Secondary
Sex: Secondary
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: