**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: The effects of home based interval training on fitness and physical activity among childhood cancer survivors  
Planned research population (eligibility criteria):  
-18 years of age or older  
-report < 150 minutes of MVPA per week  
-cardiotoxic therapy exposure

Proposed specific aims:  
To evaluate the effects of interval training on  

1) fitness and physical activity  
2) CVD risk factors  
3) biomarkers of aging

among adult survivors of childhood cancer who are not physically active and who were exposed to cardiotoxic therapy

Will the project require non-CCSS funding to complete? : Yes  
If yes, what would be the anticipated source(s) and timeline(s) for securing funding? : Planned submission of R01 fall 2015
**Group: Does this project require contact of CCSS study subjects for:**
Additional self-reported information: **Yes**
Biological samples: **Yes**
Medical record data: **Yes**
If yes to any of the above, please briefly describe. :
**Will need medical record information to identify participants**
**Will need blood draw pre and post intervention**

**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:
Second Malignancy:

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

**Group: Psychosocial**
Insurance:
Marriage:
Education:
Employment:
Other:
If other, please specify:

**Group: Medical Conditions**
Hearing/Vision/Speech: Correlative Factors
Hormonal systems: Correlative Factors
Heart and vascular: **Primary**
Respiratory: **Primary**
Digestive:
Surgical procedures: **Correlative Factors**
Brain and nervous system: **Correlative Factors**
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): **Correlative Factors**
Health status: **Correlative Factors**

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

**Group: Cancer treatment**
Chemotherapy: **Correlative Factors**
Radiation therapy: **Correlative Factors**
Surgery:

**Section: Anticipated Sources of Statistical Support**
CCSS Statistical Center:
Local institutional statistician: Yes
If local, please provide the name(s) and contact information of the statistician(s) to be involved.:
Kumar Srivastava

kumar.srivastava@stjude.org
Will this project utilize CCSS biologic samples? : Yes
If yes, which of the following? : Peripheral blood, Other requiring collection of samples
If other, please explain : New blood collection

Section: Other General Comments

Other General Comments : Home based intervention using remote technology