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 : **Integrating Technological Approaches for Pain Management in Adult Survivors of Childhood Cancer**
Planned research population (eligibility criteria) :
Adult survivors of childhood and adolescent cancer with chronic pain
Proposed specific aims :
Aim 1: Determine the efficacy of a digital health intervention to reduce pain among adult survivors of childhood and adolescent cancer.

Aim 2: Evaluate the interaction effect of mobile neurofeedback (mNF) + Cancer Distress Coach app compared to mNF on pain and related outcomes.
Aim 3: Identify moderators (e.g., participant characteristics) and mediators (e.g., self-efficacy) of intervention effects on pain outcomes.
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? :
June 2020 R01 submission to NCI

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. :
We will collect outcome data (e.g., PROMIS pain measures, BSI-18, PCL5) from participants at multiple time points during the study period.

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 :
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 : **Secondary**
SF-36 :
CCSS-NCQ :
PTS : **Secondary**

PTG : **Correlative Factors**
Other : **Primary**
If other, please specify : **Pain intensity and interference**

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