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 : **Evaluation of Cardiovascular Health Outcomes among Survivors 2 (ECHOS-2)**
Planned research population (eligibility criteria) :
Eligible participants will include survivors who (1) CCSS cohort participants; (2) age 25 years or older; (3) treated with anthracyclines or chest-directed RT involving cardiac structures; (3) do not have a history of cardiomyopathy; (4) have not had an echocardiogram in the previous 5 years; (5) are not actively participating in a long-term follow-up program that provided risk-based health screening; (6) have a previous history of successful independent (non-surrogate) response to CCSS survivors (reading level for non-medical items is 4th-6th grade Fleisch-Kincaid Level; (8) have a smartphone; and (9) are English-speaking.
Proposed specific aims :
Primary aim: Determine the effectiveness of: (1) a smartphone-based Patient Activation (PA) intervention and (2) PCP activation added to patient activation (PA+PCP), compared to control (C) (ECHOS1 intervention - targeted print materials) on completion of an echocardiogram.
Hypotheses: Survivors randomized to PA or PA+PCP will be more likely to complete screening than those in C.

Secondary aims:
1. Determine the effectiveness of PA+PCP compared to PA on rates of echocardiogram completion.
2. Explore moderating and mediating patient and PCP-level factors (from baseline and 12-month surveys of participants and their PCPs) that predict echocardiogram completion and timing.

3. Estimate (1) the replication costs of the interventions and (2) costs resulting from the interventions.

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? :
Applying to March 2019 U01 RFA and would continue through R01 cycles if funding not obtained

Group: Does this project require contact of CCSS study subjects for:

Additional self-reported information : **Yes**

Biological samples : **No**

Medical record data : **Yes**

If yes to any of the above, please briefly describe. :
we propose using the Eureka platform to obtain PCP info and self-report of screening echocardiogram adherence. Follow-up with PCP to obtain echo report as confirmation would then occur.

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 :

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 :
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 :
Radiation therapy :
Surgery :

Section: Anticipated Sources of Statistical Support

CCSS Statistical Center : **Yes**
Local institutional statistician : **Yes**
If local, please provide the name(s) and contact information of the statistician(s) to be involved. :
Propose working with Yutaka Yasui to identify an analyst TBD
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**