Section: Contact Information

First Name : **Matthew**
Last Name : **Ehrhardt**
Institution : **St. Jude Children's Research Hospital**
Address 1 : **262 Danny Thomas Place**
Address 2 : **MS 735**
City : **Memphis**
State/Province/Region : **TN**
Country : **US**
Zip/Postal Code : **38105**
Phone Number : **901-595-5847**
Alternate Phone Number :
Email Address : **matthew.ehrhardt@stjude.org**

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 : **Cost-effective cardiomyopathy surveillance strategies in childhood cancer survivors**
Planned research population (eligibility criteria) :
5-y survivors of childhood cancer exposed to anthracycline and or radiation affecting the heart
Proposed specific aims :
In order to inform the cardiomyopathy surveillance recommendations in the next revision COG Long-Term Follow-Up Guidelines, we propose:
1. To examine the cost-effectiveness of interval screening within the cardiomyopathy risk groups proposed by the International Late Effects of Childhood Cancer Guideline Harmonization Group.
2. Identify cost-effective surveillance echocardiography strategies for childhood cancer survivors stratified by novel and prediction model-based risk groups.
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 : **Secondary**
Epidemiology / Biostatistics : **Primary**

Section: Outcomes or Correlative Factors

Late mortality : **Primary**
Second Malignancy : **Correlative Factors**

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 : **Primary**
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 : **Primary**
Sex : **Primary**
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 : **Yes**
Local institutional statistician :
If local, please provide the name(s) and contact information of the statistician(s) to be involved. :
CCSS statistical center will be needed to provide risk factor analysis that includes the expansion cohort. This would essentially closely tie in with Dan Mulrooney's open cardiac study.

Jennifer Yeh and associates will provide the decision modeling/cost-effectiveness analysis.
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 :
Matt Ehrhardt, Jennifer Yeh, Saro Armenian, and Joy Fulbright have been in communication to develop this proposal.