

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 : **Association of Age of Menopause with Chronic Health Conditions in Survivors of Childhood Cancer**

Planned research population (eligibility criteria) :

Individuals for whom data on menopause is available.

Menopause for \geq 5 years.

No history of cardiovascular disease prior to onset of menopause.

Proposed specific aims :

AIM 1: Evaluate if childhood cancer survivors who have premature menopause (age <40) or early menopause (Age \leq 45) have an increased risk of chronic health conditions compared to childhood cancer survivors who do not have premature or early menopause.

AIM 2: Evaluate if childhood cancer survivors who have early menopause or premature menopause have an increased risk of cardiovascular disease compared to sibling controls.

AIM 3: Determine the median age at menopause and the prevalence of early menopause in childhood cancer survivors.

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 : **Primary**

Psychology / Neuropsychology :

Genetics :

Cancer Control :

Epidemiology / Biostatistics : **Secondary**

Section: Outcomes or Correlative Factors

Late mortality :

Second Malignancy :

Group: Health Behaviors

Tobacco : **Correlative Factors**

Alcohol : **Correlative Factors**

Physical activity : **Correlative Factors**

Medical screening :

Other :

If other, please specify :

Group: Psychosocial

Insurance : **Correlative Factors**

Marriage :

Education :

Employment :

Other :

If other, please specify :

Group: Medical Conditions

Hearing/Vision/Speech :

Hormonal systems :

Heart and vascular : **Secondary**

Respiratory :

Digestive :

Surgical procedures :

Brain and nervous system :

Other :

If other, please specify :

Group: Medications

Describe medications :

Ever use of menopausal hormonal therapy (estrogen)

Group: Psychologic/Quality of Life

BSI-18 :

SF-36 :

CCSS-NCQ :

PTS :

PTG :

Other :

If other, please specify :

Group: Other

Pregnancy and offspring : **Correlative Factors**

Family history : **Correlative Factors**

Chronic conditions (CTCAE v3) : **Primary**

Health status :

Group: Demographic

Age : **Secondary**

Race : **Correlative Factors**

Sex :

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 :

Potential Working Group and Investigators:

Tyler Ketterl, MD, MS

Jennifer Levine, MD, MSW

Sogol Mostoufi-Moab, MD, MSCE

Saro Armenian, DO, MPH

Kevin Oeffinger, MD

Eric Chow, MD, MPH

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