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 >= 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 <= 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