

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 : **Subsequent colorectal cancer after a childhood, adolescent or young adult cancer: An international pooled data analysis**

Planned research population (eligibility criteria) :

All CCSS participants

Proposed specific aims :

We propose to use the unique resources of seven childhood and AYA cancer survivor cohorts to comprehensively examine risk factors of colorectal cancer. For this project we will bring together some of the largest and best-characterized international cohorts of childhood and AYA cancer survivors. Our long-term goal is to prevent the morbidity and premature mortality associated with subsequent CRC in this population. The specific aims of this study are to:

Aim 1. Determine the incidence and severity of subsequent CRC in childhood and AYA cancer survivors and compare it to the general population

1.1 Estimate the cumulative incidence and absolute excess risk of subsequent CRC

1.2 Characterize the extent of disease at diagnosis

1.3 Compare the incidence of CRC in childhood and AYA cancer survivors to that observed in the general population

Aim 2. Evaluate the modifying effects of childhood and AYA cancer therapy (infradiaphragmatic radiation fields and dose, alkylating agents, anthracyclines) on subsequent CRC risk

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? :
We plan to submit this for funding under the NCI R21 mechanism.

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

Additional self-reported information : **No**

Biological samples : **No**

Medical record data : **Yes**

If yes to any of the above, please briefly describe. :

infradiaphragmatic radition therapy, anthracyclines, aklyaltors, procarbazine, cisplatine

Group: What CCSS Working Group(s) would likely be involved? (Check all that apply)

Second Malignancy : **Primary**

Chronic Disease :

Psychology / Neuropsychology :

Genetics :

Cancer Control : **Secondary**

Epidemiology / Biostatistics :

Section: Outcomes or Correlative Factors

Late mortality : **Secondary**

Second Malignancy : **Primary**

Group: Health Behaviors

Tobacco : **Correlative Factors**

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 : **Correlative Factors**

Race : **Correlative Factors**

Sex : **Correlative Factors**

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 :

Local institutional statistician : **Yes**

If local, please provide the name(s) and contact information of the statistician(s) to be involved. :

Chaya Moskowitz

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**