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Requirements to submit AOI:

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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

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Project Title: Subsequent neoplasms in adult survivors of childhood cancer in relation to weight and physical activity

Planned research population (eligibility criteria): This analysis would take place among the 14,358 five-year childhood cancer survivors who completed the baseline questionnaire. We will further limit the sample to those survivors who have full treatment information. For additional analyses within this paper, we will further limit to those who completed relevant follow-up questionnaires.

Proposed specific aims: Aim 1: Investigate the cross-sectional relationship between BMI and/or changes in BMI and subsequent neoplasms (SNs) and subsequent malignant neoplasms (SMNs) among survivors of childhood cancers. Aim 2: Investigate the prospective relationship between weight and body mass index at diagnosis and SNs and SMNs. Aim 3: Investigate the cross-sectional relationship between physical activity, change in physical activity, and SNs and SMNs among survivors of childhood cancers. Aim 4: For any relationships observed, investigate effect modification by treatment variables (stage, initial cancer diagnosis, age at diagnosis, and calendar year of diagnosis).

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?:

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Does this project require contact of CCSS study subjects for . . .

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Additional self-reported information: No  
Biological Samples: No  
Medical record data: No  
If yes to any of the above, please briefly describe.:

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

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Second Malignancy: Primary  
Chronic Disease:  
Psychology / Neuropsychology: Secondary  
Genetics:  
Cancer Control: Secondary  
Epidemiology / Biostatistics: Secondary

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To describe the anticipated scope of the study, please indicate the specific CCSS data to be included as outcome (primary or secondary) or correlative factors. (Check all that apply)

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Late mortality: Correlative Factors  
Second Malignancy: Primary

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Health Behaviors

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Tobacco: Correlative Factors  
Alcohol: Correlative Factors  
Physical activity: Correlative Factors  
Medical screening: Correlative Factors  
Other:  
If other, please specify:

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Psychosocial

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Insurance: Correlative Factors  
Marriage:  
Education: Correlative Factors  
Employment:  
Other:  
If other, please specify:

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Medical conditions

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Hearing/Vision/Speech: Correlative Factors  
Hormonal systems: Correlative Factors  
Heart and vascular: Correlative Factors  
Respiratory: Correlative Factors  
Digestive: Correlative Factors

Surgical procedures: Correlative Factors  
Brain and nervous system: Correlative Factors  
Other:  
If other, please specify:

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Medications

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Describe medications: medications for major medical conditions

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Pregnancy and offspring:  
Family History: Correlative Factors

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Psychologic/Quality of Life

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BSI-18: Correlative Factors  
SF-36:  
CCSS-NCQ:  
PTS:  
PTG:  
Other:  
If other, please specify:

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Chronic conditions (CTCAE v3): Correlative Factors  
Health status: Correlative Factors

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Demographic

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Age: Correlative Factors  
Race: Correlative Factors  
Sex: Correlative Factors  
Others: Correlative Factors  
If others, please specify: income

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Cancer treatment

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Chemotherapy: Correlative Factors  
Radiation therapy: Correlative Factors  
Surgery: Correlative Factors

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Anticipated sources of statistical support

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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

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If yes, which of the following?

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Buccal cell DNA:

Peripheral blood:

Lymphoblastoid cell lines:

Second malignancy pathology samples:

Other requiring collection of samples:

If other, please explain:

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Other general comments: