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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

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Project Title: Tobacco use among adult siblings of childhood cancer survivors
Planned research population (eligibility criteria): Study populations: CCSS siblings >=18 years of age at the time of completion of the baseline questionnaire (n=3,083) BRFSS controls (matched on age, sex, and race/ethnicity)
Proposed specific aims: (1) To compare the tobacco use of adult siblings of childhood cancer survivors with general population controls (2) To identify risk factors for tobacco use among adult siblings of 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?:

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.:

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

Second Malignancy:
Chronic Disease:
Psychology / Neuropsychology: Secondary

Genetics:
Cancer Control: Primary
Epidemiology / Biostatistics:

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)

Late mortality:
Second Malignancy: Correlative Factors

Health Behaviors

Tobacco: Primary,Correlative Factors
Alcohol: Correlative Factors
Physical activity:
Medical screening:
Other:
If other, please specify: Survivor tobacco use and alcohol use would be explored as a risk factor.

Psychosocial

Insurance:
Marriage: Correlative Factors
Education: Correlative Factors
Employment: Correlative Factors
Other:
If other, please specify: Sibling marital status, education, and employment would be explored.

Medical conditions

Hearing/Vision/Speech:
Hormonal systems:
Heart and vascular:
Respiratory:
Digestive:
Surgical procedures:
Brain and nervous system:
Other:
If other, please specify:

Medications

Describe medications:

Pregnancy and offspring:
Family History:

Psychologic/Quality of Life

BSI-18: Correlative Factors
SF-36:
CCSS-NCQ:
PTS:
PTG:
Other:
If other, please specify: We would focus on sibling psychological distress as measured by the BSI-18, but would also include survivor psychological distress. Sibling and survivor chronic health conditions and health status would be explored.

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

Demographic

Age: Correlative Factors
Race: Correlative Factors
Sex: Correlative Factors
Others:
If others, please specify: These demographic factors will focus on siblings (e.g., sibling age, race, sex). We would also include the relationship between sibling sex and age in relationship to survivor sex and age.

Cancer treatment

Chemotherapy:
Radiation therapy:
Surgery:

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?

Buccal cell DNA:
Peripheral blood:
Lymphoblastoid cell lines:
Second malignancy pathology samples:
Other requiring collection of samples:
If other, please explain:

Other general comments: We will use the CCSS siblings and their survivors to examine sibling and survivor factors to characterize and understand the impact of the childhood cancer experience on siblings' health behaviors with a focus on tobacco use.