Project Title: Mental health, tobacco and alcohol use in childhood cancer survivors and siblings
Planned research population (eligibility criteria): participants (survivors and siblings) from the baseline who are 18 and older, and the same group in the follow-up 2002 and follow-up 2007.
Proposed specific aims: Specific Aim 1. To assess the longitudinal relationship between psychological distress and subsequent smoking and heavy alcohol use among adult childhood cancer survivors across the 10-year assessment period (baseline, years 5 and 10). Specific Aim 2. To describe the longitudinal relationship between psychological resilience and current and later tobacco/alcohol use. Specific Aim 3. To improve our understanding of risk factors for tobacco/alcohol use among siblings of childhood cancer survivors. Using longitudinal data we will first examine psychological distress and resilience as predictors for tobacco/alcohol use among siblings of childhood cancer survivors. Second, we will examine whether siblings are more likely to smoke or drink heavily compared to survivors over time, given similar psychological status.
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?: An R21 was submitted to NCI in October 2009 to the Office of Cancer Survivorship and specifically to NCI’s Program Announcement (PA-09-130) “Exploratory Grants for Behavioral Research in Cancer Control” (R21).

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:  
Reproductive:  
Neurologic:  
Psychology / Neuropsychology: Secondary  
Genetics:  
Cancer Control: Primary  
Epidemiology / Biostatistics: 

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<th>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)</th>
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| Late mortality:  
Second Malignancy: |  

Health Behaviors

| Tobacco: Primary  
Alcohol: Primary  
Physical activity:  
Medical screening:  
Other:  
If other, please specify: |

Psychosocial

| Insurance:  
Marriage: Correlative Factors  
Education: Correlative Factors  
Employment: Correlative Factors  
Other: Correlative Factors  
If other, please specify: patient income, household income. |

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: Correlative Factors
CCSS-NCQ:
PTS: Correlative Factors
PTG: Correlative Factors
Other:
If other, please specify:

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

Demographic

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

Cancer treatment

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

Anticipated sources of statistical support

CCSS Statistical Center: Array
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: The grant includes Wendy Leisenring as a co-investigator (she has reviewed or written the statistical section), and Melissa Hudson, Lonnie Zeltzer and Karen Emmons as consultants who have all reviewed the grant and have copies.