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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. 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).

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:
Reproductive:
Neurologic:
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:

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.