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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

Project Title: Evaluating socioeconomic and health-related pathways that predict smoking in survivors of childhood cancer
Planned research population (eligibility criteria): All survivors of childhood cancer who completed the follow-up surveys in 2003 and 2007
Proposed specific aims: AIM 1: To investigate whether socioeconomic attainment mediates the association between cancer treatment and smoking behaviors of childhood cancer survivors, and to determine whether these findings are consistent across the 2003 (T1) and 2007 (T2) follow-up surveys. Aim 2: To investigate whether emotional well-being mediates the association between cancer treatment and smoking behaviors of childhood cancer survivors, and to determine whether these findings are consistent across T1 and T2. AIM 3: To examine whether socioeconomic attainment and emotional well-being jointly mediate the effects of cancer treatment on smoking behaviors of childhood cancer survivors, and to determine whether these findings are consistent across T1 and T2.
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:

Health Behaviors

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

Psychosocial

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

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:

**Chronic conditions (CTCAE v3): Correlative Factors**

Health status:

### 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:** 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: