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Project Title Mental Health and Tobacco Use Among Childhood Cancer Survivors: A Longitudinal Analysis

Planned research population (eligibility criteria) 18 years and older, enrolled in baseline, follow-up 2002 and follow-up 2007

Proposed specific aims Specific Aim 1. Describe longitudinal relationships between mental health distress (depression, anxiety, somaticization and fears about the cancer) and current and subsequent tobacco use (current smoking, higher quantity, maintenance of smoking and less quit attempts). Specific Aim 2. Describe the longitudinal relationship between posttraumatic stress (number of symptoms and posttraumatic stress disorder) and current and subsequent tobacco use.

Will the project require non-CCSS funding to complete? Yes

If yes, what would be the anticipated source(s) and timeline(s) for securing funding? The project just recently got funded as a summer salary supplement to 1R01CA106914, A Web-Based Smoking Intervention for Cancer (Karen Emmons, P.I.).

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

Primary - No

Secondary - No

Chronic Disease

Primary - No

Secondary - No

Reproductive

Primary - No

Secondary - No

Neurologic

Primary - No

Secondary - No

Psychology / Neuropsychology

Primary - No

Secondary - Yes

Genetics

Primary - No

Secondary - No

Cancer Control

Primary - Yes

Secondary - No

Epidemiology / Biostatistics

Primary - No

Secondary - No

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

Primary - No

Secondary - No

Correlative Factors - No

Second Malignancy

Primary - No

Secondary - No

Correlative Factors - No

Health Behaviors

Tobacco

Primary - Yes

Secondary - No

Correlative Factors - No

Alcohol

Primary - No

Secondary - No

Correlative Factors - No

Physical activity

Primary - No

Secondary - No

Correlative Factors - Yes

Medical screening

Primary - No

Secondary - No

Correlative Factors - No

Other

Primary - No

Secondary - No

Correlative Factors - No

If other, please specify

Psychosocial

Insurance

Primary - No

Secondary - No

Correlative Factors - No

Marriage

Primary - No

Secondary - No

Correlative Factors - Yes

Education

Primary - No

Secondary - No

Correlative Factors - Yes

Employment

Primary - No

Secondary - No

Correlative Factors - Yes

Other

Primary - No

Secondary - No

Correlative Factors - No

If other, please specify

Medical conditions

Hearing/Vision/Speech

Primary - No Secondary - No Correlative Factors - No

Hormonal systems

Primary - No Secondary - No Correlative Factors - No

Heart and vascular

Primary - No Secondary - No Correlative Factors - No

Respiratory

Primary - No Secondary - No Correlative Factors - No

Digestive

Primary - No Secondary - No Correlative Factors - No

Surgical procedures

Primary - No Secondary - No Correlative Factors - No

Brain and nervous system

Primary - No Secondary - No Correlative Factors - No

Other

Primary - No Secondary - No Correlative Factors - Yes

If other, please specify overall health and health grade, activity limitations

Medications

Describe medications

Pregnancy and offspring

Primary - No Secondary - No Correlative Factors - No

Family History

Primary - No Secondary - No Correlative Factors - No

Psychologic/Quality of Life

BSI-18

Primary - No Secondary - Yes Correlative Factors - No

SF-36

Primary - No Secondary - Yes Correlative Factors - No

CCSS-NCQ

Primary - No Secondary - No Correlative Factors - No

PTS

Primary - No Secondary - Yes Correlative Factors - No

PTG

Primary - No Secondary - Yes Correlative Factors - No

Other

Primary - No Secondary - No Correlative Factors - No

If other, please specify

Chronic conditions (CTCAE v3)

Primary - No Secondary - No Correlative Factors - Yes

Health status

Primary - No Secondary - No Correlative Factors - Yes

Demographic

Age

Primary - No Secondary - No Correlative Factors - Yes

Race

Primary - No Secondary - No Correlative Factors - Yes

Sex

Primary - No Secondary - No Correlative Factors - Yes

Others

Primary - No Secondary - No Correlative Factors - No

If others, please specify

Cancer treatment

Chemotherapy

Correlative Factors - Yes

Radiation therapy

Correlative Factors - Yes

Surgery

Correlative Factors - Yes

Anticipated sources of statistical support

CCSS Statistical Center

Local institutional statistician Yes

If local, please provide the name(s) and contact information of the statistician(s) to be involved. Richard Harvey

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