

Section: Contact Information

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Section: Project Requirements and Description

Group: 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 : **Impact of modifiable lifestyle behaviors on risk of serious chronic conditions and evaluation of interactions with treatment exposures**

Planned research population (eligibility criteria) :

CCSS participants diagnosed 1970-1999 who completed the baseline questionnaire

Proposed specific aims :

Aim 1: Examine associations between modifiable lifestyle risk behaviors and risk of developing a severe, disabling, life-threatening or fatal chronic health condition. Examine lifestyle risk factors individually (smoking, overweight/obesity, high alcohol consumption, low physical activity) and as a composite "healthy lifestyle" score.

Aim 2: Evaluate interactions between modifiable lifestyle risk factors, individually and as composite "healthy lifestyle" score, and treatment exposures on risk of developing severe, disabling, life-threatening or fatal chronic health conditions.

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? :

Group: 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. :

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

Second Malignancy :

Chronic Disease : **Primary**

Psychology / Neuropsychology :

Genetics :

Cancer Control :

Epidemiology / Biostatistics : **Secondary**

Section: Outcomes or Correlative Factors

Late mortality :

Second Malignancy : **Secondary**

Group: Health Behaviors

Tobacco : **Correlative Factors**

Alcohol : **Correlative Factors**

Physical activity : **Correlative Factors**

Medical screening :

Other : **Correlative Factors**

If other, please specify : **body mass index**

Group: Psychosocial

Insurance :

Marriage :

Education : **Correlative Factors**

Employment :

Other : **Correlative Factors**

If other, please specify : **household income**

Group: Medical Conditions

Hearing/Vision/Speech : **Primary**

Hormonal systems : **Primary**

Heart and vascular : **Primary**

Respiratory : **Primary**

Digestive : **Primary**

Surgical procedures : **Primary**

Brain and nervous system : **Primary**

Other :

If other, please specify :

Group: Medications

Describe medications :

Group: Psychologic/Quality of Life

BSI-18 :

SF-36 :

CCSS-NCQ :

PTS :

PTG :

Other :

If other, please specify :

Group: Other

Pregnancy and offspring :

Family history :

Chronic conditions (CTCAE v3) : **Primary**

Health status :

Group: Demographic

Age : **Correlative Factors**

Race : **Correlative Factors**

Sex : **Correlative Factors**

Other :

If other, please specify :

Group: Cancer treatment

Chemotherapy : **Correlative Factors**

Radiation therapy : **Correlative Factors**

Surgery : **Correlative Factors**

Section: 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? :

If other, please explain :

Section: Other General Comments

Other General Comments :

This analysis will require the Follow-Up 5 data including CTCAE chronic condition grading, as well as careful collaboration with Wendy and Yutaka to

appropriately categorize lifestyle behaviors over time and integrate inverse probability weighting as appropriate.