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:
Race:
Sex:
Other:
If other, please specify:

**Group: Cancer treatment**
Chemotherapy:
Radiation therapy:
Surgery:

**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.