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: Outcomes Across Three Decades of Diagnosis for Bone Tumors
Planned research population (eligibility criteria):
Survivors of bone tumors (Osteosarcoma and Ewing's sarcoma) diagnosed between 1970 and 1999
Proposed specific aims:
Aim 1: Assess the long term mortality in survivors as compared to their sibling controls
Aim 2: Assess the difference in long term mortality in survivors of non-metastatic and metastatic disease
Aim 3: Determine the occurrence of subsequent neoplasms among survivors
Aim 4: Quantify the occurrence and severity of chronic health conditions and health care utilization
Aim 5: Assess the impact of changes in treatment of bone tumors (surgical techniques have changed) across three decades on risk of late mortality, subsequent neoplasms, chronic health conditions and health care utilization in survivors

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: Secondary
Chronic Disease: Primary
Psychology / Neuropsychology:
Genetics:
Cancer Control: Secondary
Epidemiology / Biostatistics: Secondary

Section: Outcomes or Correlative Factors
Late mortality: Primary
Second Malignancy: Primary

Group: Health Behaviors
Tobacco: Correlative Factors
Alcohol: Correlative Factors
Physical activity: Correlative Factors
Medical screening: Correlative Factors
Other:
If other, please specify:

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

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:
**Pain medications**

**Group: Psychologic/Quality of Life**
BSI-18: **Secondary**
SF-36: **Secondary**
CCSS-NCQ: 
PTS: **Secondary**
PTG: **Secondary**
Other: **Secondary**
If other, please specify: **Toronto Extremity Salvage Score**

**Group: Other**
Pregnancy and offspring: **Secondary**
Family history: **Correlative Factors**
Chronic conditions (CTCAE v3): **Primary**
Health status: **Primary**

**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: