**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: **Assessment of Hearing Impairment in Long-term Survivors of Childhood Cancer**

Planned research population (eligibility criteria): 

**Eligible patients will include long-term survivors (5+ years from diagnosis) of pediatric malignancies (age at diagnosis <18 years) treated with platinum-based chemotherapy (cis-platinum or carboplatin). Patients will be excluded if they self-report deafness or impaired hearing at birth.**

Proposed specific aims: 

**To evaluate the prevalence and predictors of participant-reported hearing impairment across multiple time points among long-term survivors of pediatric cancers treated with platinum-based agents**

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:

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

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

Group: Medical Conditions
Hearing/Vision/Speech: Primary
Hormonal systems:
Heart and vascular:
Respiratory:
Digestive:
Surgical procedures:
Brain and nervous system:
Other:
If other, please specify:

Group: Medications
Describe medications:
The primary exposure variable(s) will consist of timing/date, course, and
cumulative dose of platinum-based agents: Cis-platinum or carboplatin

Other medication information, including self-reported use of aminoglycosides and loop diuretics, will be considered as correlative factors for treatment-associated hearing impairment.

**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)
- Health status

**Group: Demographic**
- Age
- Race
- Sex
- Other
  - If other, please specify: Age at diagnosis, primary tumor diagnosis, body surface area/weight at diagnosis, timing/date and dose or treatment information

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

**Section: 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.
  - I have biostatistics and epidemiology training and have the analytic experience necessary to conduct the proposed research. I will also be working closely with mentors, experienced in epidemiologic data analysis, to complete this project.
- 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:
The project will be restricted to data available from the baseline, 2000, and 2007 CCSS assessments.