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 of Adult Survivors of Childhood Astrocytoma and Ependymoma Across Three Decades of Diagnosis and Treatment, A Report from the Childhood Cancer Survivor Study**

Planned research population (eligibility criteria) :
The study population will consist of 5 year survivors of astrocytoma and ependymoma diagnosed before the age of 21 years from 1970 to 1999.

Proposed specific aims :
1.1 Examine the change in all-cause and cause-specific late mortality in survivors of astrocytoma and ependymoma, and compare by: 1) treatment era (1970-1979, 1980-1989, 1990-1999), and 2) treatment modality (surgery, radiation, chemotherapy)

1.2 Determine the cumulative incidence of subsequent neoplasm (both malignant and non-malignant) among survivors of astrocytoma and ependymoma and compare by: 1) treatment era (1970-1979, 1980-1989, 1990-1999), and 2) treatment modality (surgery, radiation, chemotherapy)

1.3 Measure the occurrence and severity of chronic health conditions among survivors of astrocytoma and ependymoma and compare by: 1) treatment era (1970-1979, 1980-1989, 1990-1999), and 2) treatment modality (surgery, radiation,

chemotherapy)

1.4 Calculate the risk for psychosocial dysfunction for astrocytoma and ependymoma survivors and compare by: 1) treatment era (1970-1979, 1980-1989, 1990-1999), and 2) treatment modality (surgery, radiation, chemotherapy).

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 : **Yes**

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 : **Secondary**

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 : **Secondary**

Marriage : **Secondary**

Education : **Secondary**

Employment : **Secondary**

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 :

Group: Psychologic/Quality of Life

BSI-18 : **Secondary**
SF-36 : **Secondary**
CCSS-NCQ : **Secondary**
PTS : **Secondary**
PTG : **Secondary**
Other :
If other, please specify :

Group: Other

Pregnancy and offspring : **Correlative Factors**
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 :
Local institutional statistician : **No**

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 study will be developed jointly with Dr. de Blank as co-PI. Contact information below:

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