**Section: Contact Information**

First Name: Emily  
Last Name: Walling  
Institution: C.S. Mott Children's Hospital, University of Michigan  
Address 1: 1540 E Hospital Drive  
City: Ann Arbor  
State/Province/Region: MI  
Country: United States  
Phone Number: 414.573.7890  
Alternate Phone Number: 734.232.3775  
Email Address: wallinge@med.umich.edu

**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: Psychologic and Cognitive Outcomes in Pediatric Cancer Survivors Diagnosed in Infancy (birth - 1 year of age) Compared to Those Diagnosed in Toddlerhood (1-3 years) and Preschool Age (3-6 years)  
Planned research population (eligibility criteria): All CCSS subjects diagnosed with any cancer at ages: 0-1 years of age compared to survivors diagnosed at ages 1-3 years of age, 3-6 years of age and sibling controls in both the original and expansion CCSS cohorts.  
Proposed specific aims:  
**Primary aims:**  
1. To describe the neurocognitive and psychosocial outcomes in long term cancer survivors diagnosed in infancy (< 12 months) compared to toddlers (1-3 year-olds), preschool age children (3-6 year-olds) and healthy sibling controls.  
2. To describe the social functioning in long term cancer survivors diagnosed in infancy compared to toddlers, preschool age children and their healthy sibling controls.  
**Secondary aim:**  
1. To identify diagnostic and treatment variables associated with neurocognitive and psychosocial outcomes in infants and young children.  
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 :
- Psychology / Neuropsychology : Primary
- Genetics :
- Cancer Control :
- Epidemiology / Biostatistics :

**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 : Secondary
- Education : Secondary
- Employment : Secondary
- Other :
  - If other, please specify :

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

**Group: Medications**
- Describe medications :

**Group: Psychologic/Quality of Life**
- BSI-18 : Primary
- SF-36 : Primary
- CCSS-NCQ : Primary
Group: Other
Pregnancy and offspring:
Family history:
Chronic conditions (CTCAE v3):
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:
The primary focus of this project is to assess the impact of a cancer diagnosis and associated treatment on the youngest and most vulnerable CCSS cohort, which has not been specifically examined.
I agree to share this information with St. Jude: Yes