First Name: Melissa
Last Name: Schapiro
Institution: Washington University School of Medicine
Address 1: 660 S. Euclid Ave. Box 8116
Address 2:
City: St. Louis
State/Province: MO
Country: USA
Zip: 63110
Phone: 314-454-6018
Alternate Phone:
Email: schapiro_m@kids.wustl.edu

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

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Project Title: Neurocognitive and Psychosocial Difficulties in Survivors of Rhabdomyosarcomas: a Report from the Childhood Cancer Survivor Study
Planned research population (eligibility criteria): Patients with the diagnosis of rhabdomyosarcoma and the sibling cohort population
Proposed specific aims: 1. To describe the neurocognitive, emotional and health related quality of life outcomes of survivors with rhabdomyosaroma. 2. To compare the neurocognitive, emotional and health related quality of life outcomes between rhabdomyosarcoma survivors and siblings of childhood cancer survivors to assess the role of the primary malignancy (rhabdomyosaroma) on the outcome of this patient population
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?:

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.:

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:

To describe the anticipated scope of the study, please indicate the specific CCSS data to be included as outcome (primary or secondary) or correlative factors. (Check all that apply)

Late mortality:
Second Malignancy:

Health Behaviors

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

Psychosocial

Insurance: Primary
Marriage: Primary
Education: Primary
Employment: Primary
Other:
If other, please specify:

Medical conditions

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

Medications

Describe medications: intrathecal chemotherapy and alkylator scale

Pregnancy and offspring:
Family History:

Psychologic/Quality of Life

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

Chronic conditions (CTCAE v3):
Health status:

Demographic

Age: Correlative Factors
Race: Correlative Factors
Sex: Correlative Factors
Others: Correlative Factors
If others, please specify: scoioeconomic status

Cancer treatment

Chemotherapy: Correlative Factors
Radiation therapy: Correlative Factors
Surgery: Correlative Factors

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?

Buccal cell DNA:
Peripheral blood:

Lymphoblastoid cell lines:
Second malignancy pathology samples:
Other requiring collection of samples:
If other, please explain:

Other general comments: 1. Senior mentor: Robert Hayashi 2. If CCSS Statistical center is unable to do the analysis, we will be able to identify support for this. 3. Disease information to be extracted will include primary site of disease (head and neck vs. non-head and neck) to determine whether radiation to primary site correlates to outcome.