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: Psychological and Behavioral Outcomes in Pediatric Acute Myeloid Leukemia Survivors: A Comparison of Treatment with Bone Marrow Transplantation versus Chemotherapy-only

Planned research population (eligibility criteria):
Pediatric AML survivors included in the original and expansion baseline cohort
- Including survivors < 18 years of age at baseline and those >= 18 at baseline
- Excluding patients who were treated with chemotherapy-only, then relapsed and/or went on to BMT after first 5 years of survival
- Sibling comparison group

Proposed specific aims:
1. To evaluate the emotional status (mental health symptoms on BSI-18 for those >= 18 years old) of pediatric AML survivors who received chemotherapy-only versus those who received chemotherapy followed by BMT
2. In those < 18 years old at Baseline, to compare behavioral outcomes of pediatric AML survivors who received chemotherapy-only to chemotherapy followed by BMT
3. To examine special education service utilization in pediatric AML survivors who received chemotherapy-only as compared to those who received chemotherapy followed by BMT

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?: N/A. I have mentorship and consultation available as part of my fellowship program.

**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: Correlative Factors
- Marriage: Correlative Factors
- Education: Primary
- Employment: Correlative Factors
- Other: Primary
  If other, please specify: Special education history

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

**Group: Medications**
Describe medications: psychotropic medications

**Group: Psychologic/Quality of Life**
BSI-18: Primary SF-36: CCSS-NCQ:
PTS:
PTG:
Other: Primary If other, please specify: Behavior Problem Index (in those <18 years old)

**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: