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# Contact Information

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| | |
|---|---|
| **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** Social Isolation and Perceived Changes in Cognitive Function in Adult Survivors of Childhood Cancer

## Planned research population (eligibility criteria)

We plan to utilize CCSS's retrospective cohort of childhood cancer survivors, at least five years from diagnosis, ≥18 years of age, diagnosed prior to 21 years of age, completed Follow-Up 7, and completed the PROMIS Social Isolation (L20) and Cognitive Functioning instruments (L19).

## Proposed specific aims

Utilizing retrospective cohort data from CCSS, our aims are as follows:
1. To estimate the prevalence of social isolation in adult survivors of childhood cancer.
2. To examine associations between social isolation and perceived changes in cognitive function in adult survivors of childhood cancer.
3. To use structural equation modeling/path analyses to examine the contributions of physical health status and emotional health to associations between social isolation and perceived changes in cognitive function in adult survivors of childhood cancer.

**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? (Select all that apply)**

| | Primary | Secondary |
|---|---|---|
| **Second Malignancy** | | |
| **Chronic Disease** | | ✓ |
| **Psychology/Neuropsychology** | ✓ | |
| **Genetics** | | |
| **Cancer Control** | | |
| **Epidemiology/Biostatistics** | | |

# Outcomes or Correlative Factors

| | Primary | Secondary | Correlative Factors |
|---|---|---|---|
| **Late Mortality** | | | |
| **Second Malignancy** | | | |

## Health Behaviors

| | Primary | Secondary | Correlative Factors |
|---|---|---|---|
| Tobacco | | | ✓ |
| Alcohol | | | ✓ |
| Physical Activity | | | ✓ |
| Medical Screening | | | |
| Other | | | |

## If other, please specify

## Psychosocial

| | Primary | Secondary | Correlative Factors |
|---|---|---|---|
| Insurance | | | ✓ |
| Marriage | | | ✓ |
| Education | | | ✓ |
| Employment | | | ✓ |
| Other | | | |

## If other, please specify

## Medical Conditions

| | Primary | Secondary | Correlative Factors |
|---|---|---|---|
| Hearing/Vision/Speech | | | |
| Hormonal Systems | | | |
| Heart and Vascular | | | |
| Respiratory | | | |
| Digestive | | | |
| Surgical Procedures | | | |
| Brain and Nervous System | | | |
| Other | | | |

### If other, please specify

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# Medications

### Describe medications

### Psychologic/Quality of Life

| | Primary | Secondary | Correlative Factors |
|---|---|---|---|
| BSI-18 | | ✓ | |
| SF-36 | | | |
| CCSS-NCQ | | ✓ | |
| PTS | | | |
| PTG | | | |
| Other | ✓ | | |

### If other, please specify

### Other

| | Primary | Secondary | Correlative Factors |
|---|---|---|---|
| Pregnancy and Offspring | | | |
| Family History | | | |
| Chronic Conditions (CTCAE v3) | | ✓ | |
| Health Status | | ✓ | |

### Demographic

| | Primary | Secondary | Correlative Factors |
|---|---|---|---|
| Age | | | ✓ |
| Race | | | ✓ |
| Sex | | | ✓ |
| Other | | | |

### If other, please specify

### Cancer Treatment

| | Correlative Factors |
|---|---|
| **Chemotherapy** | ✓ |
| **Radiation Therapy** | ✓ |
| **Surgery** | ✓ |

### Anticipated Sources of Statistical Support

| | |
|---|---|
| **CCSS Statistical Center** | Yes |
| **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

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# Other General Comments

I have discussed this project with Tara Brinkman and Kevin Krull from the Psychology Working Group.

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### Agree

I agree to share this information with St. Jude

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