

First Name: Thomas  
Last Name: Hardie  
Institution: Drexel University  
Address 1: Rm 520 Bellet Bldg.  
Address 2: 245 N. 15th St.  
City: Philadelphia  
State/Province: PA  
Country:  
Zip: 19102  
Phone: 215 762 6931  
Alternate Phone: 610 316 4419  
Email: tlh63@drexel.edu

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Requirements to submit AOI:

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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

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Project Title: Project Title: Longitudinal Patterns of Late Effects in Adult Survivors of Childhood Brain Tumors  
Planned research population (eligibility criteria): Planned research population: Survivors of CNS tumors and their siblings, who completed the baseline and follow-up surveys.  
Proposed specific aims: Proposed Specific Aims: 1) To identify longitudinal patterns of psychosocial outcomes (e.g. education, employment, marriage) in adult survivors of CNS tumors; 2) To explore the association between these patterns and disease characteristics and cancer treatments; and 3) To examine the association between these patterns and medical and psychological/neuropsychologic late effects.

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?:

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Does this project require contact of CCSS study subjects for . . .

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Additional self-reported information: No

Biological Samples: No

Medical record data: No

If yes to any of the above, please briefly describe.:

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What CCSS Working Group(s) would likely be involved? (Check all that apply)

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Second Malignancy:  
Chronic Disease:  
Psychology / Neuropsychology: Primary  
Genetics:  
Cancer Control:  
Epidemiology / Biostatistics: Primary,Secondary

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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)

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Late mortality:  
Second Malignancy:

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Health Behaviors

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

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Psychosocial

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

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Medical conditions

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

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Medications

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Describe medications:

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Pregnancy and offspring:  
Family History:

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Psychologic/Quality of Life

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

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Chronic conditions (CTCAE v3): Primary  
Health status: Primary

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Demographic

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Age: Primary  
Race: Secondary  
Sex: Primary  
Others:  
If others, please specify:

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Cancer treatment

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

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Anticipated sources of statistical support

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CCSS Statistical Center: Yes  
Local institutional statistician: Yes  
If local, please provide the name(s) and contact information of the statistician(s) to be involved.: Kevin G. Lynch PhD Assistant Professor of University of Pennsylvania School of Medicine Director, Biostatistics and Informatics Core, Center for Studies on Addictions, Dept. of Psychiatry, University of Pennsylvania, Philadelphia, PA  
lynch\_k@mail.trc.upenn.edu Phone 2157467707  
Will this project utilize CCSS biologic samples?: No

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If yes, which of the following?

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Buccal cell DNA:

Peripheral blood:

Lymphoblastoid cell lines:

Second malignancy pathology samples:

Other requiring collection of samples:

If other, please explain:

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Other general comments: