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Project Requirements and Description

Requirements to submit AOI (all answers must be "yes" to proceed)

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	Subsequent Genitourinary Cancers Among Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study (CCSS)
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Planned research population (eligibility criteria)

This analysis will include survivors enrolled in the CCSS cohort with all included cancer diagnoses from 1970-1999. Within this population, we will specifically focus on patients who have developed a secondary genitourinary cancer

Proposed specific aims

1. Quantify the cumulative incidence of genitourinary cancers among survivors of childhood cancer.
2. Compare the incidence of genitourinary cancers in childhood cancer survivors with that of the matched general population.
3. Assess the association with various treatment modalities with the development of secondary genitourinary malignancies
 - a. Alkylating agents
 - b. Topoisomerase inhibitors
 - c. Abdominal or pelvic radiation
4. Assess the impact of socioeconomic status and lifestyle factors on the development of secondary genitourinary malignancies in pediatric cancer survivors

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

BMI, lifestyle score, survivorship clinic attendance, routine check-up attendance

Psychosocial

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

If other, please specify

Household income

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

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			

	Primary	Secondary	Correlative Factors
Chronic Conditions (CTCAE v3)			
Health Status			

Demographic

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

If other, please specify

ethnicity, childhood malignancy, attained age, time from initial diagnosis, decade of diagnosis (1970s, 80s, 90s)

Cancer Treatment

	Correlative Factors
Chemotherapy	✓
Radiation Therapy	✓
Surgery	

Anticipated Sources of Statistical Support

CCSS Statistical Center	No
Local Institutional Statistician	Yes

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

Other General Comments

I will be working on this project with my research mentor, Lucie Turcotte, and other member of my scholarly oversight committee, Cindy Im, who are both very familiar with the CCSS data sets and previous studies.

Agree

I agree to share this information with St. Jude

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