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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 Examining the Relationships between Insurance Status,

Healthcare Utilization, and Unmet Health-related Social

Needs among Childhood Cancer Survivors

Planned research population (eligibility criteria)

Any participating childhood cancer survivor who completed FU8

Proposed specific aims

Aim 1: To examine the association between ED visits and hospitalizations (G1, H1; using Kroner's definition of "high users") and unmet material hardship needs among CCSS survivors (Follow up 8) Unmet needs include help paying for medical treatments (N52), help paying for prescription medications (N51), and transportation (N55) (FU8).

Hypothesis: healthcare utilization will be positively associated with unmet needs among CCSS.

Aim 2: To explore the association between preventative/primary care/guideline-recommended survivorship care (E2) and emergency healthcare utilization (ED visits, hospitalization).

Aim 3: To examine the association between healthcare engagement (survivorship and/or primary care, E2), acute healthcare utilization, and unmet needs.

Hypothesis: Healthcare engagement mediates the relationship between unmet needs and acute healthcare utilization (ED visits, hospitalizations).

Aim 4: To explore the relationship between insurance status (and changes in insurance status, following Anne Kirchhoff's prior analysis) are associated with increased unmet needs.

Aim 5: To explore changes in healthcare utilization (increase from FU6, FU7, FU8) and unmet material hardship needs.

Will	the	pro	ject	requir	e n	on-C	CSS
func	ding	to o	com	plete?			

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.

N/A

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

Engagement with preventative guideline-recommended survivorship care

Psychosocial

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

If other, please specify

Financial concerns and unmet needs (FU8)

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			
Chronic Conditions (CTCAE v3)			
Health Status			✓

Demographic

	Primary	Secondary	Correlative Factors
Age			✓

	Primary	Secondary	Correlative Factors
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

Other General Comments

We have established a working group including: Anne Kirchhoff, Lisa Schwartz, Dan Zheng, Elena Elkin, Xu Ji, and Jennifer Yeh to develop these aims. We have communicated our interest to Cancer Control leads Paul Nathan and Claire Snyder.

Agree

I agree to share this information with St. Jude

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