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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: Identifying Longitudinal Predictors of Quality of Life in Adolescent Survivors of Pediatric Cancer  
Planned research population (eligibility criteria): Survivors who completed the Teen and Baseline Surveys.  
Proposed specific aims: The Child Health and Illness Profile - Adolescent Edition (CHIP-AE) breaks quality of life down into 6 domains (satisfaction with health, discomfort, achievement, risk, resilience, disorders), so the aim of the current study is to create a model for each of these domains. 1. To identify predictors of positive adolescent quality of life (satisfaction with health, achievement, resilience), as rated by survivors on the CHIP-AE, using individual baseline characteristics such as child behavior, anxieties/fears, perceptions of health, pain, functional status, diagnosis, cancer therapy, and demographic factors. 2. To identify predictors of negative adolescent quality of life (discomfort, risk, disorders), as rated by survivors on the CHIP-AE, using individual baseline characteristics such as child behavior, anxieties/fears, perceptions of health, pain, functional status, diagnosis, cancer therapy, and demographic factors.  
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:

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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:

Alcohol:

Physical activity: Correlative Factors

Medical screening:

Other:

If other, please specify:

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Psychosocial

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Insurance: Correlative Factors

Marriage:

Education: Correlative Factors

Employment:

Other:

If other, please specify:

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Medical conditions

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Hearing/Vision/Speech:

Hormonal systems:

Heart and vascular:

Respiratory:

Digestive:

Surgical procedures:

Brain and nervous system:

Other: Correlative Factors

If other, please specify: Physical late-effects (baseline survey, B.9)

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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:

SF-36:

CCSS-NCQ:

PTS:

PTG:

Other: Primary, Correlative Factors

If other, please specify: Primary outcome: Quality of Life as measured on the Teen Survey by the Child Health and Illness Profile - Adolescent Edition (CHIP-AE),

Correlative Factors: Behavior Problems Index (baseline survey), Pain/Anxieties/Fears (baseline survey)

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Chronic conditions (CTCAE v3):

Health status: Correlative Factors

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Demographic

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Age: Correlative Factors

Race: Correlative Factors

Sex: Correlative Factors

Others: Correlative Factors

If others, please specify: Income, Religion

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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:

Local institutional statistician: Yes

If local, please provide the name(s) and contact information of the statistician(s) to be involved.: Leroy Thacker, Ph.D. Assistant Professor, Biostatistics Phone:(804) 827-2047

Email: [s2lrthac@vcu.edu](mailto:s2lrthac@vcu.edu)

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: I, Clair Russell ([claire.russell86@gmail.com](mailto:claire.russell86@gmail.com)) am a fourth year graduate student in the Counseling Psychology program at Virginia Commonwealth University. The proposed project will be used for my dissertation, and I will be advised by Marilyn Stern, Ph.D. ([mstern@vcu.edu](mailto:mstern@vcu.edu)).