CCSS Application of Intent	
Name	Duncan Ramsey
Institution	University of Texas Rio Grande Valley School of Medicine Dept of Orthopaedics
Address	Street Address: 2102 Treasure Hills Boulevard City: Harlingen State: TX Zip Code: 78550 Country: United States
Email Address	duncan.ramsey@utrgv.edu
Phone Number	(512) 923-9891
Alternate Phone Number	
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	Long-term functional, surgical, and socioeconomic outcomes of local control procedures in upper extremity sarcomas
Planned research population (eligibility criteria)	The study population will include all long-term survivors of upper extremity primary bone sarcoma in the CCSS Expansion Cohort (diagnosed 1987-1999) who underwent any form of local control management including primary limb salvage procedures, amputation or radiotherapy.
Proposed specific aims	1) Determine the rate of late local recurrence, overall survival, and cause-specific mortality according to local control treatment method, including: RT, amputation, calvicul1 pro humero, and primary limb salvage procedures further stratified by technique (EP, allograft, or APC reconstruction). 2) Determine late health-related quality of life (HRQoL), functional, and psychosocial outcomes among upper extremity osseous sarcoma survivors according to local control treatment method. 3) Describe late socioeconomic outcomes including education, marriage status, and income among upper extremity osseous sarcoma survivors according to local control treatment method. 4) Estimate the cumulative incidence (CI) of relevant Common Terminology Criteria for Adverse Events (CTCAE) chronic health

	conditions among upper extremity osseous sarcoma survivors according to local control treatment method.
Will the project require non-CCSS funding to complete?	No
What would be the anticipated source(s) and timeline(s) for securing funding?	n/a
Additional self-reported information	No
Biological samples	No
Medical record data	No
If yes to any of the above, please briefly describe.	
WORKING GROUPS Second Malignancy	Secondary
Chronic Disease	Primary
Psychology / Neuropsychology	Secondary
Genetics	
Cancer Control	
Epidemiology / Biostatistics	
OUTCOMES/CORRELATIVE FACTORS Late Mortality	Secondary
Second Malignancy	Secondary
Tobacco	Secondary
Alcohol	Secondary
Physical Activity	Primary
Medical Screening	Secondary
Other	
If other, please specify	
Insurance	Secondary

Marriage	Secondary
Education	Secondary
Employment	Secondary
Other	
If other, please specify	
Hearing/Vision/Speech	Secondary
Hormonal Systems	
Heart and Vascular	Secondary
Respiratory	Secondary
Digestive	Secondary
Surgical Procedures	Primary
Brain and Nervous System	
Other	
If other, please specify	
Describe medications	
BSI-18	Primary
SF-36	Primary
CCSS-NCQ	
PTS	Secondary
PTG	
Other	
If other, please specify	
Pregnancy and Offspring	
Family History	
Chronic Conditions (CTCAE v3)	Secondary
Health Status	Secondary
Age	Correlative Factors
Race	Correlative Factors
Sex	Correlative Factors
Other	

If other, please specify	
Chemotherapy	Correlative Factors
Radiation Therapy	Correlative Factors
Surgery	Correlative Factors
	CCSS Statistical Center
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	
General comments	It will be necessary to re-review Expanded Cohort operative notes to classify the primary local control surgical modality for some patients.
Agree	I agree to share this information with St. Jude