

Potential Linkages between CPCRN Priorities and NCI Priorities

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Current RFAs And PQs

2020 PQs

PQ1: What are the underlying causes of the unexplained rising incidence in certain early-onset cancers?	+
PQ2: How does intermittent fasting affect cancer incidence, treatment response, or outcome?	+
PQ3: How do selective pressures affect cell competition and cooperation during cancer initiation or development?	+
PQ4: What mechanisms explain sex differences in cancer incidence, lesion location, or response to therapy?	+
PQ5: What strategies can block or reverse the emergence of new cell lineage states induced by cancer treatments?	+
PQ6: How can cancer cachexia be reversed?	+
PQ7: What methods can be developed to integrate patient-generated health data into electronic health records?	+
PQ8: What strategies improve and sustain the coordination of comprehensive healthcare for underserved cancer patients with comorbid conditions?	+
PQ9: What methods can be developed to effectively study small or rare populations relevant to cancer research?	+



Rural Cancer Control

Research

Research Opportunities

- [NEW: Improving the Reach and Quality of Cancer Care in Rural Populations \(R01 Clinical Trial Required\)](#) (RFA-CA-19-064).
- Intervention Research to Improve Native American Health (IRINAH)
- Integration of Individual Residential Histories into Cancer Research (R21)
- Integration of Individual Residential Histories into Cancer Research (R01)
- Academic Research Enhancement Award (Parent R15)
- Collaborative Minority Health and Health Disparities Research with Tribal Epidemiology Centers (R01 Clinical Trial Not Allowed) (PAR-17-484)
- Collaborative Minority Health and Health Disparities Research with Tribal Epidemiology Centers (R21 Clinical Trial Not Allowed) (PAR-17-483)
- Improving the Reach and Quality of Cancer Care in Rural Populations (R01 Clinical Trial Required) (RFA-CA-18-026)
 - View the webinar and Q&A document

Funded Research

- Rural Supplements to NCI-Designated Cancer Centers Abstracts – FY19 (PDF)
- RFA-CA-8-026 Improving the Reach and Quality of Cancer Care in Rural Populations (R01 Clinical Trial Required) Abstracts
- Rural Supplements to NCI-Designated Cancer Centers Abstracts – FY18 (PDF)
- L.A.U.N.C.H. (Linking & Amplifying User-Centered Networks through Connected Health): A Demonstration of Broadband-enabled Health for Rural Populations in Appalachia

Financial Hardship

- Measuring, understanding, and addressing financial hardship

Employment Outcomes among Cancer Survivors

- Intended to increase our understanding of how cancer impacts employment.

Cancer Caregiving

- Program of research to improve characterization of information cancer caregiving and accelerate development of methods, tools, and interventions

Adolescent & Young Adult (AYA) Health Outcomes and Patient Experiences

- Inconsistency in care, coupled with insufficient research data, have prevented the development of guidelines for treating and monitoring AYAs with cancer, and few tools exist to measure the efficacy of treatment and psychosocial interventions delivered in diverse settings. Research in this population is a high scientific priority.

- HINTS collects nationally representative data routinely about the American public's use of cancer-related information.
 - HINTS 5, Cycle 3 (2019) data were collected from January through May (N=5,438) and are now available for download. This cycle of HINTS features extended content on behavioral risk factors for cancer such as alcohol use; diet, weight, and physical activity; tobacco use; and UV exposure.
 - Added: Delta Regional Authority; push-to-Web sample
 - HINTS 5, Cycle 4 (2020) will field in February
 - Future: cancer survivor-only administration of HINTS

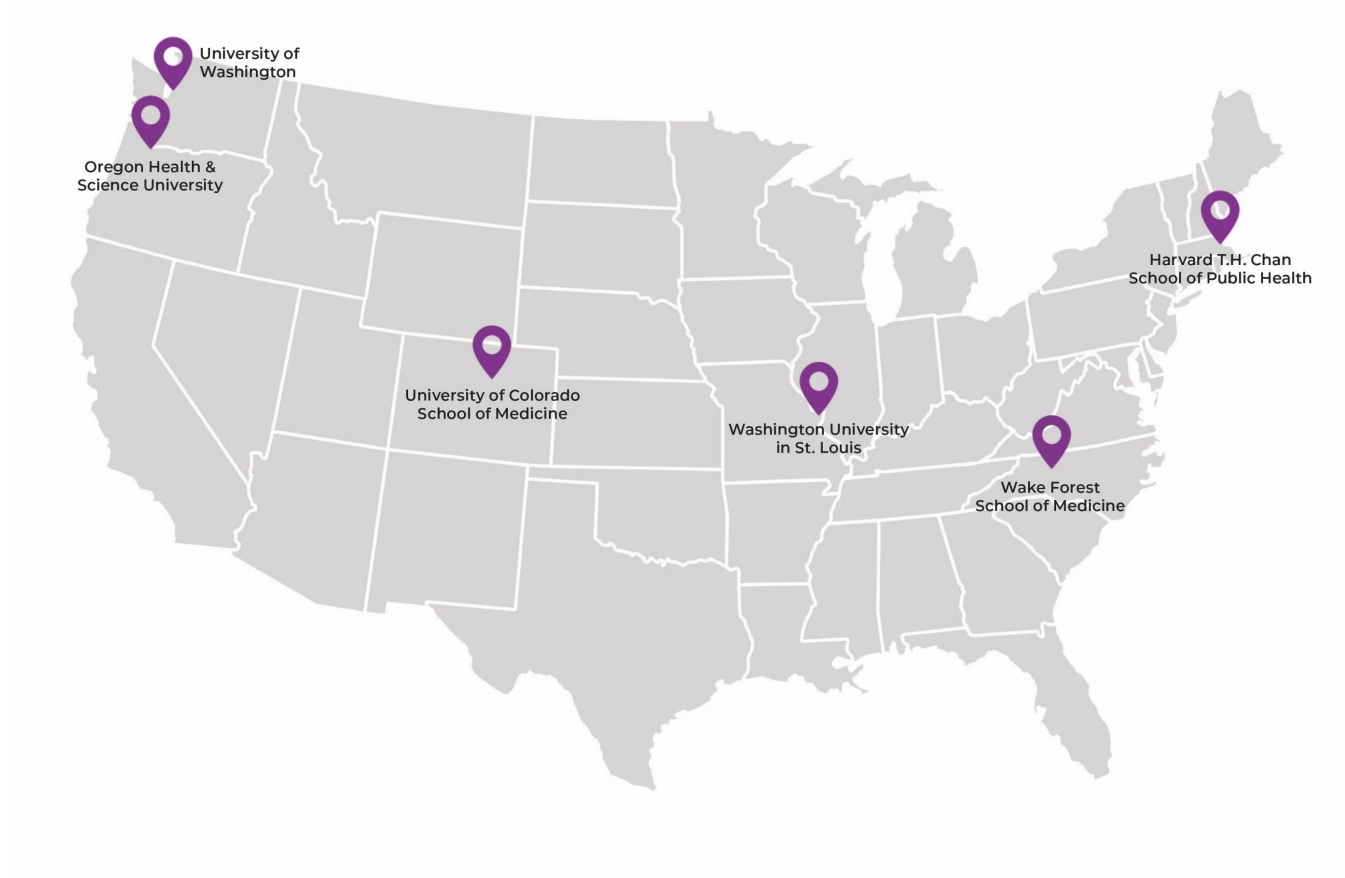
Notice of Special Interest (NOSI): Geospatial Approaches in Cancer Control and Population Sciences (NOT-CA-20-004)

“NCI is interested in research that integrates and analyzes geospatial data and/or spatial methodology across the cancer control continuum. All multilevel analyses must include broader social and/or built environmental factors measured at the geographic level and should examine how place and location interact with exposures and behaviors relevant to diverse aspects of cancer control and prevention. NCI is also interested in the discovery of mechanisms underlying the influence of contextual variables on cancer risk and outcomes.”

Leads for Behavioral Research: David Berrigan, PhD, MPH

April Oh, PhD, MPH

Implementation Science Centers in Cancer Control



Implementation Science Consortium in Cancer



The objectives of the ISCC are:

- Foster communication among investigators engaged in implementation science projects across the cancer continuum;
- Promote collaborative research projects to fill implementation science gaps that would extend beyond a single study; and
- Identify common theoretical, methodological or empirical challenges in implementation science in cancer and develop solutions
- **2020 Meeting** – Hosted in late-September by Wake Forest University
- Save the Date coming soon!



Implementation Science Notice of Special Interest ([NOT-CA-20-21](#))

De-implementation of Ineffective or Low-value Clinical Practices along the Cancer Care Continuum

- *De-implementation research* is broadly defined as the scientific study of **factors, processes, and strategies** for **reducing, replacing, or stopping** the use of ineffective or low-value clinical practices in healthcare delivery settings.
- Interest in exploratory and/or hypothesis driven R01 studies
- **Leads: Erica S. Breslau, PhD, MPH**
Wynne E. Norton, PhD

Implementation Science Resources

<https://cancercontrol.cancer.gov/IS/>

The screenshot shows the top navigation bar with the NIH logo and 'NATIONAL CANCER INSTITUTE Division of Cancer Control & Population Sciences'. Below is a search bar and a purple header for 'Implementation Science'. A main banner features a photo of two people in a meeting and the text: 'Improving the impact of cancer control and population science on the health and health care of the population, and fostering the rapid integration of research, practice, and policy.' At the bottom, there are four buttons: 'Implementation Science Webinars', 'IS Blog', 'Sample D&I Grants', and 'Research Tools'.

The screenshot shows the 'Research-Tested Intervention Programs (RTIPs)' website. It features a search bar and a main heading 'Moving from Research to Programs for People'. Below this is a search box for '202 Evidence-Based Intervention Programs' with a 'SEARCH CURRENT PROGRAMS' button. The page is divided into three columns: 'Program Submission', 'RTIPs Connects with Research Reviews', and 'Resource for Adaptation and Implementation'. Each column contains a brief description and a 'READ MORE' link.



TIDIRC OpenAccess makes the online training materials used in the TIDIRC Facilitated Course open to the public. The free, online materials provide an overview to dissemination and implementation (D&I) research. Each module serves as an introduction to fundamental terms, concepts, and principles of D&I with examples of their application.





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