

# Implementation Science (IS)

[cancercontrol.cancer.gov/IS](https://cancercontrol.cancer.gov/IS)



## About IS

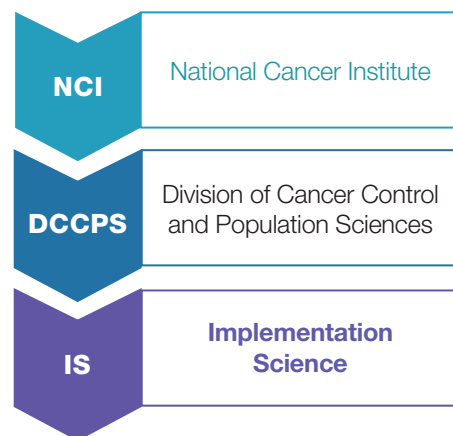
### Mission

The mission of the IS team at the National Cancer Institute (NCI) is to develop and apply the implementation science knowledge base to improve the impact of cancer control and population science on the health and health care of the population, and foster rapid integration of research, practice, and policy.

### The IS team provides valuable resources to:

- advance the science of implementation;
- develop ongoing training opportunities to build capacity to conduct dissemination and implementation research and practice; and
- disseminate knowledge gained from cancer control and population science research by establishing partnerships between researchers and practitioners.

### Organizational Structure



## Tools & Resources

Tools are critical for advancing the science and improving the practice of implementation. The IS website provides information about available tools and resources to help advance implementation science, including research tools, practice tools, and research-practice partnerships, a few of which are highlighted below.



### Advancing the Science of Implementation across the Cancer Continuum.

Oxford University Press, 2018. Chambers DA, Vinson CA, & Norton WE (Editors).

Advancing the Science of Implementation across the Cancer Continuum provides an overview of research that can improve the delivery of evidence-based interventions in cancer prevention, early detection, treatment, and survivorship. Chapters explore the field of implementation science and its application to practice, a broad synthesis of case studies illustrating cancer-focused topic areas, and emerging issues at the intersection of research and practice in cancer.



### Cancer Control P.L.A.N.E.T.

[cancercontrolplanet.cancer.gov](https://cancercontrolplanet.cancer.gov)

The Cancer Control P.L.A.N.E.T. (Plan, Link, Act, Network with Evidence-based Tools) is a web portal that provides access to resources that can help: assess the cancer and/or risk factor burden within a given state or county; increase collaboration among researchers, planners, and policy makers; access and download evidence-based programs and products; and access guidelines to evaluate and translate research into practice.



### Research-Tested Intervention Programs

[rtips.cancer.gov/rtips](https://rtips.cancer.gov/rtips)

Research-tested Intervention Programs (RTIPs) is a searchable database of cancer control interventions and program materials designed to efficiently provide program planners and practitioners with access to research-tested materials and implementation guidance.

## Training & Education

In collaboration with other academic institutions, professional organizations, and funding agencies, the IS team coordinates and supports several training and educational activities, including a monthly webinar series, training programs, and an annual conference.

### Webinar Series: Advanced Topics in Implementation Science

The Advanced Topics in Implementation Science Webinar Series is a free, hour-long monthly webinar series focused on advanced topics in dissemination and implementation research. To date, we have hosted over 48 webinars, most of which are archived. The webinars cover various topics, including relevant theories, frameworks, models, implementation strategies, measurement, and study designs, among others.

### Annual Conference on the Science of Dissemination and Implementation

Held annually in December, the Annual Conference on the Science of Dissemination and Implementation is a forum for discussing the science of dissemination and implementation and aims to grow the research base by bridging the gap between evidence, practice, and policy in health and medicine.

### Training Institute for Dissemination and Implementation Research in Cancer (TIDIRC)

TIDIRC was developed to provide participants with a thorough grounding in conducting D&I research with a specific focus on cancer, across the cancer control continuum. The Institute is offered as a hybrid online and an in-person, four-month course including six modules with related assignments, coupled with a two-day in-person meeting.

### SPeeding Research-tested INTerventions (SPRINT)

SPRINT is a training program designed to foster, grow and nurture an innovation ecosystem for interventionists. Sponsored by the National Cancer Institute and run by instructors with extensive startup and teaching experience, the program provides real world, hands-on training on how to successfully transform innovations in cancer control into market-ready products. The goal is to create research-tested behavioral interventions that are ready to be put into real world practice.

## Funding

### Dissemination and Implementation Research Funding Opportunities

[cancercontrol.cancer.gov/is/funding.html](https://cancercontrol.cancer.gov/is/funding.html)

There are many funding opportunities that support the conduct of rigorous, cutting-edge dissemination and implementation research at NCI and across the National Institutes of Health (NIH). The most relevant funding opportunity is the trans-NIH program announcement with special receipt, referral, and/or review (PAR), Dissemination and Implementation Research in Health. NCI, along with a number of participating Institutes and Centers across NIH, has issued this PAR for R01, R03, and R21 funding mechanisms (PAR-16-238, PAR-16-237, and PAR-16-236, respectively).

## For More Information



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