



IMPLEMENTATION SCIENCE

INTEGRATING EVIDENCE INTO RESEARCH, PRACTICE, AND POLICY

Implementation Science (IS) Team: New Name, New Direction, & New Website

Russell E. Glasgow, Ph.D.

Deputy Director, Implementation Science
Division of Cancer Control and Population
Sciences (DCCPS),
National Cancer Institute

Implementation Science Team Vision

To achieve the rapid integration of scientific evidence, practice, and policy, with the ultimate goal of improving the impact of research on cancer outcomes and promoting health across individual, organizational and community levels.

Implementation Science Team Mission

The mission of the Implementation Science (IS) Team is to build and advance the field of Implementation Science by:

- Integrating new knowledge across clinical and public health research, practice and policy;
- Stimulating an increasing number of competitive grant submissions on cancer implementation science that contribute to the development of innovative IS methods and study designs;
- Developing a robust and supportive network of trained, interdisciplinary implementation scientists;

Implementation Science Team Mission Cont.

The mission of the Implementation Science (IS) Team is to build and advance the field of Implementation Science by:

- Promoting science that is **rigorous, transparent and relevant** in the real world;
- **Fostering rapid learning** strategies for improving individual and population health; and
- **Building partnerships** for the development, dissemination and implementation of evidence-based measures, initiatives and programs.

Implementation Science Team Priority Areas

1. BUILD:

- Build the Science of Implementation Science (IS)

2. PARTNER:

- Establish Robust Partnerships

3. TRAIN:

- Develop Ongoing Training Networks

BUILD

Goal: *Change the Research Paradigm (shift from efficacy to systems approaches)*

Short Term Objectives:

- Publish ≥ 5 articles in leading journals and present at ≥ 10 major national meetings on new IS concepts
- Continue to be a key planner and supporter of NIH D&I Meeting and related initiatives to increase attention to and support of IS by NIH leaders, researchers, and the public

Long Term (2015) Objectives:

- Increase # of cancer-relevant IS submissions by 33%
- Increase # of funded cancer-relevant grants proposals to D&I PAR (and other mechanisms) by 25%
- Increase # of accepted cancer-relevant abstracts for presentation at D&I conference by 25%



The Major Trans-NIH D&I Funding Announcement

- R01 - PAR 10-038 (\$500k per annum up to five years)
R03 - PAR 10-039 (\$50K per annum up to two years)
R21 - PAR 10-040 (\$275K up to two years)
- Participating Institutes: NIMH, NCI, NIDA, NIAAA, NIAID*, NHLBI, NINR, NIDDK*, NINDS*, NIDCD, NIDCR, & Office of Behavioral & Social Sciences Research
- Starting October 2010, new standing review committee, Dissemination and Implementation Health Research
- Three submission dates per year: **February, June, October**



"By God, gentlemen, I believe we've found it—the Fountain of Funding!"

© The New Yorker Collection 1977 Lee Lorenz from cartoonbank.com. All Rights Reserved.

* New Participating Institutes

Annual D&I Science Conference

March 19-20, 2012 (Bethesda MD)

- Annual meetings held since 2007 - “State of the D&I Science”
Venue
 - Participation increased from 350 registrants in 2007 to over 1200 in 2011
 - Past themes have included: “Building Capacity” and “Methods and Measures”.
 - This year’s theme: “Research at the Crossroads”
 - Abstracts for 2012 conference due: **November 10, 2011**

Meeting to be held in Bethesda on March 19-20, 2012

Registration and Call for Abstracts:

<http://conferences.thehillgroup.com/obsr/di2012/index.html>

There is no fee to register for this conference.

Partner

GOAL: *Assist other projects to be more likely to improve health outcomes, succeed in reducing health disparities, and be sustainable*

Short Term Objectives:

- Be a key contributor on two trans-HHS efforts related to IS
- Support Cancer Prevention Control Research Network (CPCRN) to make identified contributions to local communities in 5 states
- Have at least one trans-NIH meeting or funding initiative on Comparative Effectiveness Research –Translation (CER-T) linking primary care and public health approved (e.g. a PAR or RFA)

Long Term (2015) Objectives:

- Establish and maintain 1 new national partnership per year involving multiple Division of Cancer Control and Population Sciences branches and other institutes to support innovative IS initiatives (w/ HRSA, VA, CMS, and ACS) as well as continued partnership with CDC



Cancer Prevention & Control Research Network

Accelerate the adoption of evidence-based cancer prevention and control in communities

- Enhancing large-scale efforts and deepening understanding
- Infrastructure for applying relevant research to local cancer prevention and control needs.
- Subgroup of the CDC's Prevention Research Centers (PRCs) – 10 centers



<http://www.cpcrn.org>

Train

Goal: *Establish a strong, supportive, evolving, virtual IS community*

The image shows two screenshots of websites. The top screenshot is the Cancer Control P.L.A.N.E.T. website, which provides links to comprehensive cancer control resources for public health professionals. It includes a navigation menu with options like 'Breast Cancer', 'Cervical Cancer', 'Colorectal Cancer', 'Diet / Nutrition', 'Informed Decision Making', 'Physical Activity', and 'Public Health Economics'. The bottom screenshot is the Research to Reality website, which is a virtual community of practice for cancer control practitioners and researchers. It features a search bar, navigation tabs for 'Home', 'Discussions', 'Cyber-Seminars', 'Featured R2R Partners', 'Mentorship', 'Events', and 'About'. A featured article titled 'New Mentorship Page Live - Meet the 2011 R2R Mentorship Program Pairs!' is highlighted. The website also includes a 'Recent Activity' section and a calendar for October 2011.

Short Term Objectives:

- Have two successful years of the NIH Summer Training Institute for D&I Research in Health
- Continue NIH D&I Annual technical assistance workshop; and improve evaluation ratings
- Provide training and networking for an increased # of researchers, public health practitioners, and community members via Research to Reality (R2R), Cancer Control P.L.A.N.E.T., IS Team website and other vehicles
- Organize and evaluate pilot mentorship program for 6 mentee-mentor pairs on evidence-based public health

Long Term (2015) Objectives:

- Train at least 140 promising new investigators and 40 established cancer-relevant investigators in IS
- Train 1,000 public health practitioners in IS knowledge and skills



Training Institute for D&I Research in Health

- Organizers:
 - Office of Behavioral and Social Sciences Research (OBSSR)
 - National Cancer Institute (NCI)
 - National Institute of Mental Health (NIMH)
 - U.S. Department of Veterans Affairs (VA)
- First Annual Training Institute – August 2011 (Chapel Hill, NC)
 - 35 participants
 - Training Materials available online.

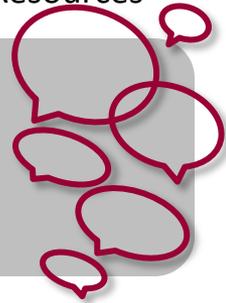
**Applications for 2012 Institute
coming soon!**



<http://conferences.thehillgroup.com/OBSSRinstitutes/TIDIRH2011/index.html>

Research to Reality (R2R):

A Virtual Community of Practice



A dialogue between practitioners and researchers on how to move evidence-based programs into practice

- Launched February, 2011 (NCI) – STEP 2 of Cancer Control P.L.A.N.E.T.

- Over 600 members

- Site Features:

- Monthly cyber-seminars
 - Discussion forums
 - Featured partners
 - An events calendar
 - Community profiles
 - Mentorship Program

Research to Reality

Home Discussions Cyber-Seminars Featured R2R Partners Mentorship Events About Sign Up | Login

Research to Reality is an online community of practice that links cancer control practitioners and researchers and provides opportunities for discussion, learning, and enhanced collaboration on moving research into practice.

Sign up to join the community!

[Sign Up Today!](#)

Already have an account? [Log In](#)

Featured R2R Partner
Allan Best, Ph.D.
 We are delighted to feature Dr. Allan Best, Managing Partner for *InSource* and Associate Scientist in the Centre for Clinical Epidemiology and Evaluation at the Vancouver Coastal Health Research Institute. Allan's research focuses on systems thinking and organizational change to improve the health of the population.

New Mentorship Page Live - Meet the 2011 R2R Mentorship Program Pairs!
 Posted on October 17, 2011
 Come learn about the six Research to Reality Mentorship pairs and read the stories they share as they develop and apply evidence-based public health competencies through the implementation of a year-long cancer control and prevention project related to their work. Our mentees and mentors are from around the country and focus on a variety of cancer prevention and control topics. Join us and engage with the mentees and mentors! [Find out more.](#)

Recent Activity

Monday October 24, 2011 at 9:08am
[Carol](#) has participated in the Discussion "It's health literacy month - what are you up to?"

Wednesday October 19, 2011 at 12:30pm
 The Event [USPSTF Opportunity for Public Comment and Baseline Screening for Cervical Cancer](#) has been added to the Calendar.

Tuesday October 18, 2011 at 2:31pm
[Peyton](#) has participated in the Discussion "Let's Discuss! Cancer Control and Latino Populations: October 2011's Cyber-Seminar"

Events

Next Event
 October 24, 2011 11:45PM EDT
[Abstract Due: 2012 National Health Promotion Summit: Prevention, Promotion, Progress](#)

Calendar

October						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

<https://ResearchtoReality.cancer.gov>

NATIONAL CANCER INSTITUTE National Cancer Institute U.S. National Institutes of Health | www.cancer.gov

IMPLEMENTATION SCIENCE INTEGRATING SCIENCE, PRACTICE, AND POLICY

Twitter RSS Multimedia

Search

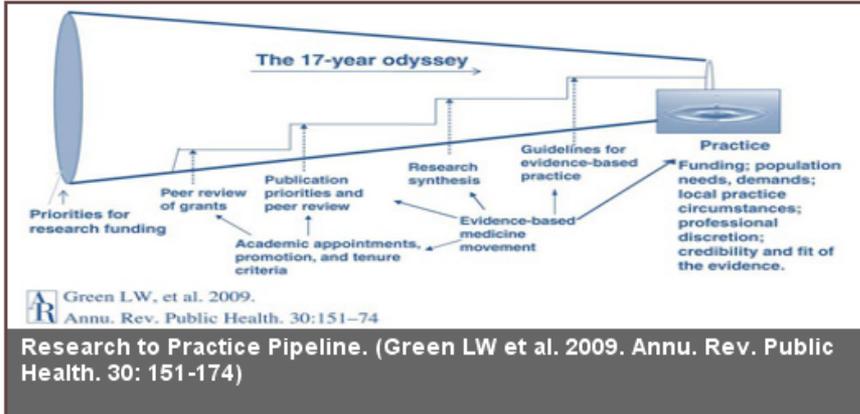
Cancer Control & Population Sciences Home

RE-AIM Reach Effectiveness Adoption Implementation Maintenance

CANCER CONTROL P.L.A.N.E.T. Plan, Link, Act, Network with Evidence-based Tools

Cancer Trends Progress Report progressreport.cancer.gov

Need Help? Contact us by phone web and e-mail 1-800-4-CANCER



Text version of slide show

- » **About**
Mission, definitions, staff and contact information
- » **Resources and Interactive Tools**
Cancer Control P.L.A.N.E.T., Cancer Trends Progress Report, Conferences and Presentations, Fact Sheets, Research Reviews, RE-AIM
- » **Publications**
Dissemination and Implementation Publications
- » **Funding Opportunities**
Apply for Grants, Archive of Funding Opportunities, Application Information, Dissemination and Implementation Research Portfolio
- » **Conferences and Training**
Annual NIH Conference on the Science of Dissemination and Implementation, Training Institute for Dissemination and Implementation Research in Health
- » **Presentations**
Presentations by Implementation Science Team, Presentations by D&I Investigators

What's New

Registration and Call for Proposals
Deadline: 5 PM Pacific Time on November 10, 2011
 Mar 19-20, 2012
 5th Annual NIH Conference on the Science of Dissemination and Implementation: Research at the Crossroads

[Training Institute for Dissemination and Implementation Research in Health](#)
 August 1-5, 2011
[Agenda and Presentations](#)

[Identifying Core Behavioral and Psychosocial Data Elements for the Electronic Health Record](#)
 May 2-3, 2011
 EHR Meeting
[Executive Summary Download PDF](#)



National Cancer Institute

U.S. National Institutes of Health | www.cancer.gov

Twitter  RSS  Multimedia 

IMPLEMENTATION SCIENCE
INTEGRATING SCIENCE, PRACTICE, AND POLICY

Search

 **Cancer Control & Population Sciences Home**

 **Implementation Science Home**



Reach Effectiveness Adoption Implementation Maintenance (RE-AIM)

WELCOME!

This site provides an explanation of and resources for those wanting to apply the RE-AIM framework. The RE-AIM framework is designed to enhance the quality, speed, and public health impact of efforts to translate research into practice in five steps:

- **Reach** your intended target population
- **Effectiveness** or efficacy
- **Adoption** by target settings or institutions
- **Implementation**, consistency of delivery of intervention
- **Maintenance** of intervention effects in individuals and settings over time

Among the RE-AIM website features are:

- Tools and resources to facilitate implementation
- A comprehensive list of RE-AIM publications and presentations organized alphabetically by year

Please send comments and suggestions or your own RE-AIM related work for inclusion on the site to [Mike Sanchez](mailto:Mike.Sanchez@nih.gov).

About RE-AIM

- [What is RE-AIM?](#)
- [Applying the RE-AIM Framework](#)
- [FAQ](#)

Resources

- [Publications](#)
- [Presentations](#)

Tools

- [Self-rating Screener and Feedback](#)
- [RE-AIM Planning Tool and Adaptation](#) 
- [Calculations](#)
- [Checklists](#)
- [Figures and Tables](#)
- [Measures](#)
- [Links](#)
- [RE-AIM Framework Constructs Checklist](#) 
- [Visual Displays](#)

What's New

Tools

[RE-AIM Framework Constructs Checklist](#)

New Presentations

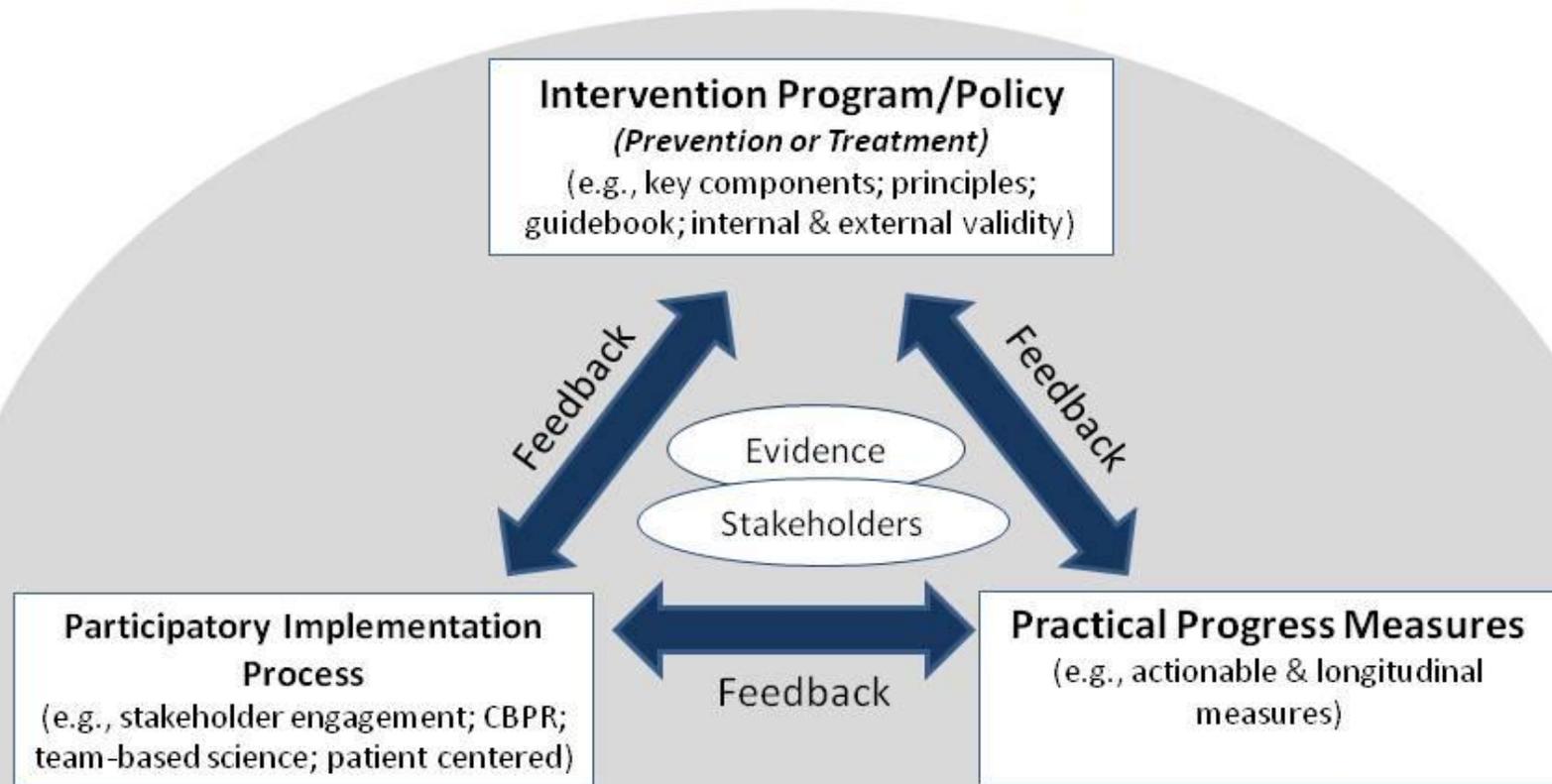
[Art of Dissemination](#) 

New Publications

[Evaluation of nationwide health promotion campaigns in the Netherlands: an exploration of practices, wishes and opportunities](#). Brug J, Tak NI, Te Velde SJ. Health Promot Int. 2011 Jun;26(2):244-54. Epub 2010 Aug 25.

[A proposal to speed translation of healthcare research into practice dramatic change is needed](#). Kessler R, Glasgow RE. Am J Prev Med 2011 Jun;40(6):637-44

Evidence Integration Triangle (EIT)



Multi-Level Context

- Intrapersonal/Biological
- Interpersonal/Family
- Organizational
- Policy
- Community/Economic
- Social/Environment/History

Coming Soon!



- Redesign of Cancer Control P.L.A.N.E.T. homepage (2012)
- Incorporation of external validity measures and RE-AIM tools on Research-tested Intervention Programs website (Spring 2012)
- RSS Feeds and Social Media outlets on R2R
- Patient-reported Outcomes for Electronic Health Records

Contact Us

<http://cancercontrol.cancer.gov/IS/index.html>

Name	Title
Laurie Cynkin, MHS	Program Analyst, Communication Specialist
Russell Glasgow, PhD	Deputy Director for IS
Arshon Parker	Contractor
Peyton Purcell, MPH, CPH	Program Coordinator/CRTA
Michael Sanchez, MPH, CHES	Public Health Advisor
Kurt Stange, MD, MPH	“Boundary Spanner” and Sabbatical IPA
Martina Taylor, MT (ASCP)	Senior Advisor
Annabelle Uy, MS	Program Analyst
Cynthia Vinson, MPA	Public Health Advisor

**Office of the Director, Division of Cancer Control and Population Sciences
6130 Executive Blvd. MSC 7339
Bethesda, MD 20892-7339
Phone: 301-594-5906**