



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

http://cancercontrol.cancer.gov/funding_apply.html#is

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/obssr/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*

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

The image displays two overlapping website screenshots. The top screenshot is for 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 links like 'Contact Us', 'Online Training', 'About This Site', 'Fact Sheet (PDF)', 'Sponsors', and 'FAQ'. The main content area lists 'Follow 5 steps to develop a comprehensive cancer control plan or Find information by cancer control topic program'. The bottom screenshot is for the Research to Reality website, which is a community for cancer control practitioners and researchers. It features a search bar, navigation tabs (Home, Discussions, Cyber-Seminars, Featured R2R Partners, Mentorship, Events, About), and a 'Sign Up Today!' button. The website also highlights a 'New Mentorship Program' and a 'Featured R2R Partner'.



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.

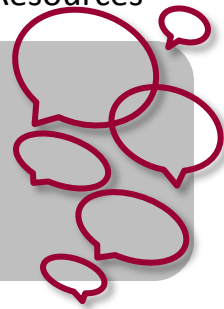
**Applications for 2012 Institute
coming soon!**



<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



<https://ResearchtoReality.cancer.gov>



National Cancer Institute

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



IMPLEMENTATION SCIENCE
INTEGRATING SCIENCE, PRACTICE, AND POLICY

TwitterRSSMultimedia



Cancer Control & Population Sciences Home



REACH Effectiveness Adoption Implementation Maintenance



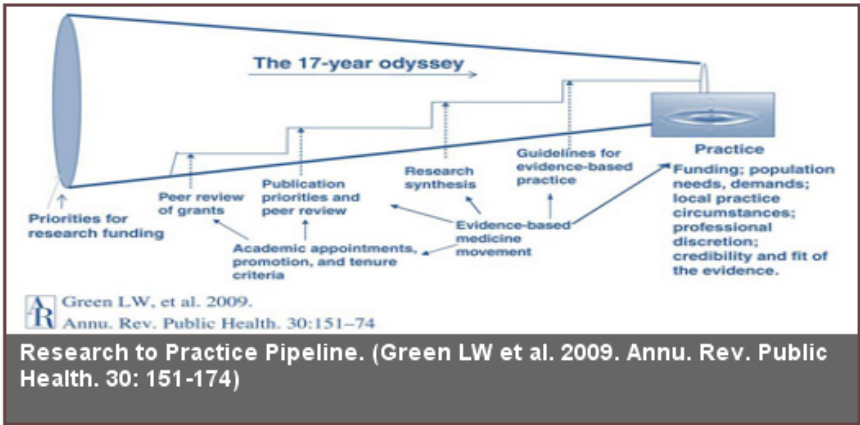
Plan, Link, Act, Network with Evidence-based Tools



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
- » **Funding Opportunities**
Apply for Grants, Archive of Funding Opportunities, Application Information, Dissemination and Implementation Research Portfolio
- » **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
- » **Conferences and Training**
Annual NIH Conference on the Science of Dissemination and Implementation, Training Institute for Dissemination and Implementation Research in Health
- » **Publications**
Dissemination and Implementation Publications
- » **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](#)
Bethesda, MD

[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



IMPLEMENTATION SCIENCE

INTEGRATING SCIENCE, PRACTICE, AND POLICY

Twitter  RSS  Multimedia 





Cancer Control & Population Sciences Home



Implementation Science Home



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

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](#).



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

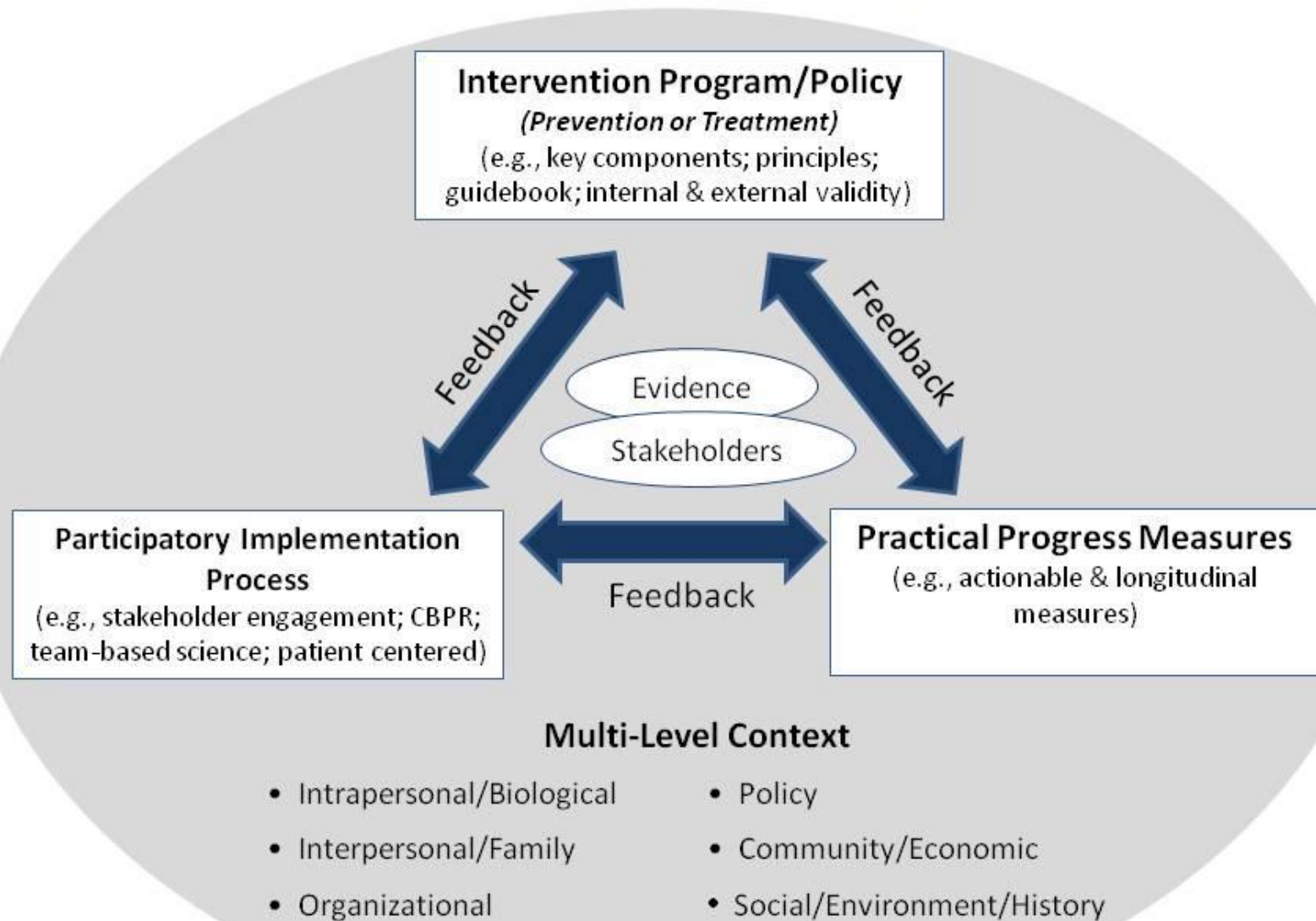
[Art of Dissemination](#) 

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)



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**