

TEX-IS Research Network News Notes

Issue 8 - Summer 2021



Texas Implementation Science (TEX-IS) Research Network
building capacity across the Texas CTSA's through shared resources, information, and opportunities

TEX-IS Research Network GOES TO THE BEACH!

During Summer 2021, NEWS NOTES will take on a slower pace and resume a monthly cadence with Issue 9 in September.

READ-LISTEN-DO Take advantage of the following readily accessible and highly relevant new resources to expand your Implementation Research acumen over the summer. We kept them to a minimum and urge a deep dive with each of these carefully selected resources.

See you again in September 2021 with refreshed ideas and targets for your Implementation Research.

BEST METHODOLOGY – HOT OFF THE PRESS FOR IMPLEMENTATION RESEARCH

IS THERE ANY LOGIC IN IMPLEMENTATION RESEARCH?

One of the most exciting developments in Implementation Methodology is the recent extension of the LOGIC MODEL to Implementation, led by Dr. JD Smith. Participants of the January 2020 UTHSA/TEX-IS Implementation Research Workshop were treated to JD Smith's in-person presentation on design and hybrid models.

The following resources describe the "Implementation Research Logic Model (IRLM)." Notably, the Implementation Research Logic Model (IRLM) weaves into one model the key ingredients for Implementation Research and Practice change initiatives. It is anticipated that it will become a center point for successful implementation research grants. Read the article, download the slides, watch the excellent video.

"Numerous models, frameworks, and theories exist for implementation research and include determinants, strategies, and outcomes. However, projects often fail to provide a coherent rationale or justification for how these aspects are selected and tested in relation to one another. The Implementation Research Logic Model (IRLM) was created as a tool that specifies the conceptual linkages between core elements in projects and enhances the rigor and transparency of describing the complex processes of improving adoption of evidence-based interventions in healthcare delivery systems."

Smith, Justin D., Dennis H. Li, and Miriam R. Rafferty. "[The Implementation Research Logic Model: a method for planning, executing, reporting, and synthesizing implementation projects.](#)" *Implementation Science* 15, no. 1 (2020): 1-12.

VIDEO AND SLIDE DOWNLOAD: [Implementation Research Logic Model – Center for Prevention Implementation Methodology for Drug Abuse and HIV \(northwestern.edu\)](#)

PSMG: Implementation Research Logic Model: A Method for Planning, Executing, Reporting and Synthesizing Implementation Projects



IS IMPLEMENTATION SCIENCE A HYBRID IMPROVEMENT SCIENCE?

Dr. Ricciardi has been immersed in the T3-T4 translational spectrum through his long tenure as a scientist within the Agency for Healthcare Research and Quality (AHRQ). The following is a great exploration of the connection between Implementation Science and Improvement Science from the perspective of this long-standing AHRQ senior staffer. His discussion cites our own Finley (2019) and Stevens (2013).

Ricciardi, R. "[Perspectives: Envisioning healthcare quality and safety in 2030.](#)" *Journal of Research in Nursing* 26, no. 1-2 (2021): 168-175.

“To foster the translation of new research findings, close gaps in care quality and safety, and optimise health outcomes, we must strengthen the integration of QI efforts and IS methods (theories, strategies and outcomes).”

“Improving quality involves assessing process and outcome measures of safety, effectiveness, patient-centredness, timeliness, efficiency and equity, as well as strengthening the capacity of health systems and clinical practices to create and sustain an organisational culture of quality and safety ([Institute of Medicine, 2001](#)). This Perspectives piece highlights several promising topic areas in quality and safety research, practice improvement and implementation science (IS). These perspectives are informed by my experiences as a researcher, advanced practice provider and leader of interprofessional healthcare teams. From 2010 to 2018, I was privileged to serve as a healthcare scientist and a division director at the Agency for Healthcare Research and Quality (AHRQ), an agency within the United States Department of Health and Human Services. AHRQ’s mission is to implement evidence and develop tools and strategies to help health systems and frontline healthcare workers deliver safe, high-quality, high-value healthcare that is also accessible, equitable and affordable. These experiences as a clinician and a scientist inspire my passion to develop methodologies, new knowledge and initiatives, and system-wide capacity designed to improve quality and safety in all healthcare settings.”

BEING YOUR OWN GUIDE

As well-established front runners in Implementation Research, those in Washington University in St. Louis have packaged for you a number of excellent guides to walk you through the field. Become affiliated. Access the toolkits developed by “the” leading pioneers (Proctor, Brownson, Colditz, and all). Explore the Dissemination and Implementation Research Core (DIRC) [here](#).

DIRC provides methodological expertise to advance translational (T3 and T4) research to inform and move efficacious health practices from clinical knowledge into routine, real-world use. The DIRC works with ICTS scientists to move forward scientific agenda and grant writing related to dissemination and implementation (D&I) of health care discoveries. Furthermore, we develop tools and methods for studying D&I.

Access the tutorials and toolkit [here](#). Of particular value is the “Checklist for Writing Implementation Research” proposals...surely the handbook for the FOA D&I Study Group as they review grant proposals.

FUNDING YOUR OWN D&I RESEARCH



NIH funding for Dissemination & Implementation Research continues. For your project, target one of the grant mechanisms below.

Dissemination and Implementation Research in Health (R01/R21/R03)

<https://grants.nih.gov/grants/guide/pa-files/PAR-19-274.html>

Posted by: NIH

Post date: May 8, 2019

Expiration date: May 8, 2022

The purpose of this Funding Opportunity Announcement (FOA) is to support innovative approaches to identifying, understanding, and developing strategies for overcoming barriers to the adoption, adaptation, integration, scale-up and sustainability of evidence-based interventions, tools, policies, and guidelines. Conversely, there is a benefit in understanding circumstances that create a need to stop or reduce (“de-implement”) the use of interventions that are ineffective, unproven, low-value, or harmful. In addition, studies to advance dissemination and implementation research methods and measures are encouraged.

- **R01 Due:** Feb 5, June 5, Oct 5
- **R21 Due:** Feb 16, June 16, Oct 16
- **R03 Due:** Feb 16, June 16, Oct 16

“Bake up” your Implementation ideas in the sun and have a great summer!



For more information:

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