

Public Goods Tracker:

Community Participation in Implementation Science



2020 Proposed Public Goods

	Training and capacity-building experiences for implementation scientists and stakeholders	Promoting best practices in engaged implementation science (IS)	Promoting best practices in engaged IS	Promoting best practices in engaged IS	Identifying approaches for a more prominent focus on centering health equity in engaged IS	Strategies to address mistrust and history of negative experiences	Conflict management and resolution when working with stakeholders	Conveying value of participatory implementation science	Institutionalizing engaged IS and ensuring that operational supports are in place
Developed Post-2020 Meeting	Resources for Stakeholder & Community Engagement								
Under Development Post-2020 Meeting		Ways to Engage Communities Virtually (Katja Reuter)	Top 10 Tips for Community Engagement (Heather Brandt)	Strategies to Engage Rural Communities (Scherezade Mama)				Systematic Review of How Power Is Examined/Addressed in Implementation Science (Shoba Ramanadhan)	

2021 Proposed Public Goods

	Supporting parallel paths for engaged IS	Building institutional capacity to support engaged IS	Identifying and activating the right champions	Identifying and activating the right champions
Under Development Post-2021 Meeting		Commentary on "Building Capacity to Support Engaged Implementation Science" (Ephrem Abebe, Daisy Morales-Campos, Kelly Hirko, Jiale Hu)	CCIS Award: Spotlight on Program Champions: A Series of 1-on-1 Interviews for Insights and Impact Stories (Eva May)	CCIS Award: Case Studies of Engaging Champions in Implementation Science for Cancer Prevention and Control (Ha Ngan Vu)



Public Goods Tracker: Implementation of Complex/Multilevel Interventions



2020 Proposed Public Goods

	Article (thought piece) that serves as an introduction to the implementation of multilevel interventions (MLIs) and a discussion about the differences between MLIs and implementation strategies	Resources and tools to help researchers conduct studies related to the implementation of MLIs and complex cancer control interventions	Case studies to illustrate best practices for planning and implementing MLIs and complex interventions
Under Development Post-2020 Meeting	Manuscript (Maria Fernandez, Melinda Davis, and others)	CCIS Award: Tools to Advance Implementation of Multilevel Interventions (Jessica Austin)	

2021 Proposed Public Goods

	Comparative case studies of MLIs: Distinguishing intervention and implementation strategies	Guidance for measure selection and analytic approaches for testing mechanisms and interactions across MLIs	Web-based resource and educational material orienting implementation researchers to concepts and methods of systems science	Easy-to-use tool(s) for identifying core functions and adaptable periphery to facilitate scale-up of MLIs	Identify and, if needed, develop a framework for scale-up of MLIs.
Under Development Post-2021 Meeting	CCIS Award: Using EBI Mapping to Understand Multilevel Evidence-Based Interventions: Enhancing the Usability of EBI Mapping Tools and Products (Maya Foster)				Manuscript focused on application/modifications of an existing scale-up framework for MLI and key questions to consider when planning the scaling up of MLIs (Jennifer Leeman, Erica Lau, and others)



Public Goods Tracker:

Context and Equity in Implementation Science



2019 Proposed Public Goods

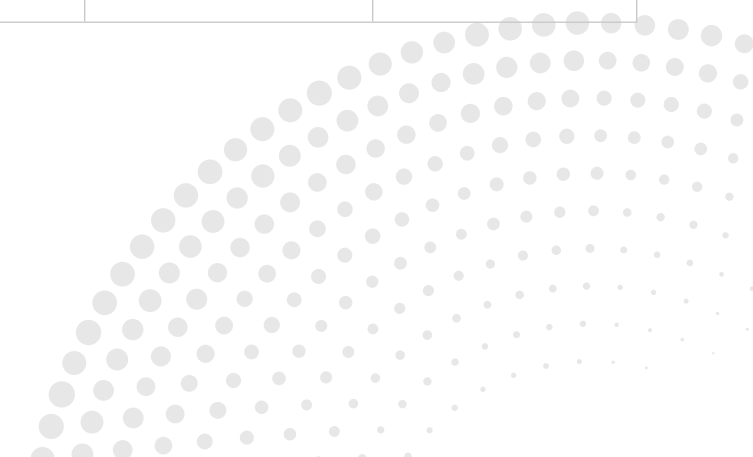
	Promote implementation strategies that increase equity	Promote contextual inquiry to address health equity issues	Develop health equity resources for implementation science				
Developed Post-2019 Meeting			Resource: Advancing Health Equity through Implementation Science: Bibliography and Resources	Resource: Advancing Health Equity through Implementation Science: Bibliography and Resources	Article: Grounding Implementation Science in Health Equity for Cancer Prevention and Control	Article: Advancing Health Equity through CTSA Programs: Opportunities for Interaction between Health Equity, Dissemination and Implementation, and Translational Science	Article: Recommendations for Addressing Structural Racism in Implementation Science: A Call to the Field
Under Development Post-2019 Meeting		CCIS Award: Developing Geospatial Data Visualizations for Cancer Screening Inequality and Contextual Factor (Cici Bauer)	CCIS Award: Podcast series on health equity and implementation science (Cory Bradley)				

2020 Proposed Public Goods

	Methods and measurement for equity in implementation science (IS)	Revisiting theories/frameworks with an equity lens	Theory linkages to IS	Infusing diversity, inclusion, and equity in the IS training pipeline	Community engagement approaches	Values orientation	Advance adaptation within IS	How a focus on policy can promote equity
Developed Post-2020 Meeting	Webinar: Implementation Science: Context & Equity in Cancer Research				Webinar: Joining Forces: Engagement Science and Implementation Science to Advance Health Equity			

2021 Proposed Public Goods

	Mentoring, supporting, and training historically under-represented scholars in the field of IS	Database/review of evidence-based interventions that reduce health inequities	Creating a community for health equity and IS	Developing a CAB of CABs (Community Advisory Boards)
Under Development Post-2021 Meeting				



Public Goods Tracker: Economics and Costs in Implementation Science



2019 Propsed Public Goods

	Develop standardized measures for cost analyses	"Develop tools to engage stakeholders in cost collection"
Developed Post-2019 Meeting	Article Collection: Economic evaluation in implementation science	Article Collection: Economic evaluation in implementation science



Public Goods Tracker: Implementation Science in Global Health



2020 Proposed Public Goods

	Build capacity	Demystify dissemination and implementation science (IS)	Provide guidance on “context” in diverse settings	Engage stakeholders/ implementers/ policy makers/ practitioners	Identify research needs related to technology-driven strategies for D&IS in LMICs	Identify opportunities to expand D&IS research in LMICs, particularly research on methods for sustaining and scaling evidence-based interventions (EBIs) in LMICs
Under Development Post-2020 Meeting						CCIS Award: Scoping Review That Identifies Strategies for Scaling Up EBIs for the Early Detection and Prevention of Cancer (Tara Friebel-Klingner & Gloria Guevara)

2021 Proposed Public Goods

	A compilation of stakeholder engagement resources for global IS research and review of relevant frameworks/ theories, engagement methods, and measures for evaluating participatory approaches in global context	Visual tool for simplifying D&I and global IS training modules	Guidelines/guidance for IRB review highlighting key ethical principles relevant for IS	Map pragmatic approaches and methods for D&I research in global, low-resource context
Under Development Post-2021 Meeting		CCIS Award: Simplifying Implementation Science: An Interactive, Visual Web Tool to Assess and Align Content to Context Across a Program’s Lifecycle (Katy Trinkley)		



Public Goods Tracker: Implementation Laboratories



2019 Proposed Public Goods

	Identify essential characteristics in existing laboratories	Develop sustainable implementation laboratories	Improve methods and measures for conducting studies in laboratories	Coordinate functions across labs
Developed Post-2019 Meeting				
Under Development Post-2019 Meeting				



Public Goods Tracker: Implementation Science Study Designs



2020 Proposed Public Goods

	Developing guidelines/best practices for optimal designs that advance health equity	Literature review(s), systematic/scoping	White paper, modeled after the Qualitative Methods in Implementation Science white paper
Developed Post-2020 Meeting			
Under Development Post-2020 Meeting			

2021 Proposed Public Goods

	Pragmatic Methods for Measuring and Analyzing Context, Adaptations, and Changes to the Interventions and Strategies	"How the World Messed up My Study Design"	Special Issue on Responding to Unanticipated Changes in Implementation Science Designs/ Methods due to COVID-19	Guidance for Standards for Implementation Science Grant Applications on Unanticipated Changes in Implementation Science
Developed Post-2021 Meeting				
Under Development Post-2021 Meeting				



Public Goods Tracker:

Learning Healthcare Systems as Natural Laboratories



2020 Proposed Public Goods

	LHCS is a continuum—a process rather than a destination	Implementation science (IS) offers tools to facilitate and operationalize LHCS activities	There is a need to develop bidirectional communication and true partnerships
Developed Post-2020 Meeting			
Under Development Post-2020 Meeting			

2021 Proposed Public Goods

	Create a curriculum to build capacity and consistency in incorporating IS into LHS work	Support IRB decision-making	Create a repository of LHS material and tools	Build a “buddy system” or “cultural exchange program”
Developed Post-2021 Meeting				
Under Development Post-2021 Meeting				



Public Goods Tracker:

Policy and Implementation Science



2019 Proposed Public Goods

	Review the policy implementation landscape	Expand implementation science (IS) stakeholders	Build a data warehouse and mapping tool for state cancer prevention policies
Developed Post-2019 Meeting			Policy Atlas policy data resource (completed in 2020; updated annually)

2020 Proposed Public Goods

	Include more stakeholder engagement with policy makers throughout the dissemination and implementation (D&I) research process, especially at the stage of conceptualizing research questions	Increase knowledge and skills about policy research in the D&I field	Provide examples and tools for policy D&I research				Develop a research agenda for policy D&I research		Enhance the understanding of the roles of policy makers at different levels (e.g., elected, administrative, "street-level bureaucrats" who implement policy) among D&I researchers	Synthesize/Integrate conceptual frameworks from other disciplines (e.g., political science, sociology) to inform policy D&I research
Developed Post-2020 Meeting			Webinar: Policy Implementation Science: A Critical Component of Evidence Translation	Webinar: Improving the Use of Scientific Evidence in Policy Formulation	Webinar: Adoption of Evidence-Based Policy in Governmental and Non-Governmental Sectors	Webinar: Strategies for Integrating Evidence into Policy Implementation	Webinar: Reflection on Policy Implementation Science: Growing the Field	Article: Commentary: Policy Implementation Science - An Unexplored Strategy to Address Social Determinants of Health		Article: Embracing Policy Implementation Science to Ensure Translation of Evidence to Cancer Control Policy
Under Development Post-2020 Meeting							CCIS Award: Series of Case Studies of Real-World Examples of Policy-Specific IS Research Conducted at NIH (Jamie Chriqui)			

2021 Proposed Public Goods

	Develop a collaboration with the Health Equity Action Group to develop a strategy for integrating equity in policy implementation processes	Create a map of IS frameworks, constructs, study designs, outcomes, and measures that are appropriate for use in policy implementation studies	Develop training modules on different aspects of Policy IS	Create a catalogue of Policy IS resources
Developed Post-2021 Meeting			Policy Implementation Science session developed for TIDIRC	Policy Atlas policy data resource (completed in 2020; updated annually)
Under Development Post-2021 Meeting		CCIS Award: Series of Case Studies of Real-World Examples of Policy-Specific IS Research Conducted at NIH (Jamie Chriqui)		CCIS Award: Informing Researcher-Practice Partnerships for Policy Implementation Science (Randy Schwartz and Matthew Hudson)

(Names in parenthesis are leads and/or main points of contact.)

Public Goods Tracker:

Precision Health and Big Data in Implementation Science



2019 Proposed Public Goods

	Provide guidance for implementing precision health
Developed Post-2019 Meeting	
Under Development Post-2019 Meeting	



Public Goods Tracker:

Rapid Cycle Design in Implementation Science



2019 Propsed Public Goods

	Define rapid cycle design	Develop guidance on using rapid cycle design	Promote the use of rapid cycle design in implementation Science
Developed Post-2019 Meeting			Rapid Cycle Research Workshop



Public Goods Tracker:

Technology and Health Communication in Implementation Science



2019 Proposed Public Goods

	Document best practices in technology and health	Bring implementation science (IS) and technology closer together	Use technology to transform health care into health improvement	Offer technology infrastructure support
Developed Post-2019 Meeting				
Under Development Post-2019 Meeting				

2020 Proposed Public Goods

	Obtaining patient-generated/reported health data	Using data in implementation efforts	Equity/Disparities	Telehealth	Applying technology components to IS frameworks
Developed Post-2020 Meeting					
Under Development Post-2020 Meeting					

2021 Proposed Public Goods

	Create a strategies for obtaining patient-generated data	Roadmap - social media groups	Best practices for patient digital literacy	Innovation platform
Developed Post-2021 Meeting				
Under Development Post-2021 Meeting				

