

Public Goods Tracker:

Implementation of Complex/Multilevel Interventions



2020 Proposed Public Goods

Action Group Priorities	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
Developed Post-2020 Meeting		CCIS Award: Understanding Functions and Forms of Complex/Multilevel Interventions (Jessica Austin)	
Under Development Post-2020 Meeting	Manuscript (Maria Fernandez, Melinda Davis, and others)	CCIS Award: Web-Based Resource and Educational Material Orienting Implementation Researchers to Concepts and Methods of Systems Science (Erin Kenzie)	

2021 Proposed Public Goods

Action Group Priorities	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 MLIs and key questions to consider when planning the scaling up of MLIs (Jennifer Leeman, Erica Lau, and others)

2022 Proposed Public Goods

Action Group Priorities	Training and materials around complex/MLIs to orient new users across a range of disciplines	Tools and strategies for understanding context	Usable, pragmatic, rapid approaches for designing, selecting, tailoring, and adapting complex/MLIs	Strategies, tools, and guidance for co-creating complex/MLIs with communities for long-term sustainability	Strategies for securing funding for research and practice related to complex/MLIs
Under Development Post-2022 Meeting	Complex & MLI Training and Materials to Orient New Users Across Disciplines (Aasma Shaukat and Sabina Nduaguba)		CCIS Award: Platform for Optimal Decision Making in Multi-Component Colorectal Cancer Screening Interventions (Karen Hicklin) Core Functions and Forms of Complex Health Interventions (Monica Perez Jolles)		Webinar: Tips and Tricks for Funding and Conducting MLI Research (Jessica Austin)

Public Goods Tracker:

Context and Equity in Implementation Science



2019 Proposed Public Goods

Action Group Priorities	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		CCIS Award: Places Cancer Screening Rates and SDOH (Cici Bauer)	CCIS Award: "Catch the Power with Dr. Bradley" (Cory Bradley)	Resource: Advancing Health Equity through Implementation Science: Bibliography and Resources	Readings/Resources/ Curricula on Anti-Racism & Health Equity	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

2020 Proposed Public Goods

Action Group Priorities	Methods and measurement for equity in implementation science	Revisiting theories/frameworks with an equity lens	Theory linkages to implementation science	Infusing diversity, inclusion, and equity in the implementation science training pipeline	Community engagement approaches	Values orientation	Advance adaptation within implementation science	How a focus on policy can promote equity
Developed Post-2020 Meeting	Webinar: Implementation Science: Context and Equity in Cancer Research	Webinar: Opportunities for Examination of Structural Racism and other Social Determinants of Health to Advance Health Equity through Implementation Science		Webinar: Framing Priorities for Advancing Health Equity Through Implementation Science	Webinar: Joining Forces: Engagement Science and Implementation Science to Advance Health Equity			

2021 Proposed Public Goods

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

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



Public Goods Tracker:

Context and Equity in Implementation Science (Continued)



2022 Proposed Public Goods

Action Group Priorities	Pursue intentional engagement of cancer control programs and coalitions and other state-level organizations in conducting implementation science and disseminating findings	Establish a terminology resource focused on equity and context in implementation science	Technical assistance and case studies on how to use equity-focused frameworks in diverse contexts	Identify and collaborate on joint public goods across action groups that address context and equity
Under Development Post-2022 Meeting			CCIS Award: Promoting the Use of the Organizational Theory for Implementation Science (OTIS) Framework Through Development and Dissemination of a Public Good (Kristin Morrill) CCIS Award: Applications of Implementation Science Frameworks, Models, and Theories in Cancer Screening Interventions: A Systematic Review (Serena Xiong)	

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



Public Goods Tracker:

Economics and Costs in Implementation Science



2019 Proposed Public Goods

Action Group Priorities	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

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



Public Goods Tracker: Implementation Science in Global Health



2020 Proposed Public Goods

Action Group Priorities	Build capacity	Demystify dissemination and implementation science	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
Developed Post-2020 Meeting			Article: Role of Local Evidence in Transferring Evidence-Based Interventions to Low- and Middle-Income Country Settings: Application to Global Cancer Prevention and Control			
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 and Gloria Guevara)

2021 Proposed Public Goods

Action Group Priorities	A compilation of stakeholder engagement resources for global implementation science 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 implementation science training modules	Guidelines/guidance for IRB review highlighting key ethical principles relevant for implementation science	Map pragmatic approaches and methods for D&I research in global, low-resource context
Developed Post-2021 Meeting		CCIS Award: Practical, Robust Implementation and Sustainability Model (PRISM) (Katy Trinkley)		

2022 Proposed Public Goods

Action Group Priorities	Fill the gap in resources for learning and conducting implementation research in diverse global settings	Develop infographics related to implementation science concepts and tools for navigating local/project priorities	Decolonizing implementation science	Knowledge dissemination strategy for implementation science public goods in global health context
Under Development Post-2022 Meeting				

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



Public Goods Tracker: Implementation Laboratories



2019 Proposed Public Goods

Action Group Priorities	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				

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



Public Goods Tracker: Implementation Science Study Designs



2020 Proposed Public Goods

Action Group Priorities	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

Action Group Priorities	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 on Standards for Implementation Science Grant Applications on Unanticipated Changes in Implementation Science
Developed Post-2021 Meeting				
Under Development Post-2021 Meeting				

2022 Proposed Public Goods

Action Group Priorities	Best practices/checklist for Type 2 hybrid design studies	Review of NIH-funded Type 2 hybrid design studies
Under Development Post-2022 Meeting		

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



Public Goods Tracker:

Learning Healthcare Systems as Natural Laboratories



2020 Proposed Public Goods

Action Group Priorities	LHCS is a continuum—a process rather than a destination	implementation science 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

Action Group Priorities	Create a curriculum to build capacity and consistency in incorporating implementation science 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			CCIS Award: Assessment of Time to De-Implementation of Low-Value Cancer Control Practices and Development of a De-Implementation Resource Repository (Jennifer LeLaurin and Kathryn Pluta)	

2022 Proposed Public Goods

Action Group Priorities	Blueprint to operationalize and locally tailor an LHS/ LHCS	Identify questions and needs of end-users in the LHS space	Create a forum or community of practice to facilitate learning across LHS end-users
Under Development Post-2022 Meeting			

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



Public Goods Tracker: Policy and Implementation Science



2019 Proposed Public Goods

Action Group Priorities	Review the policy implementation landscape	Expand implementation science stakeholders	Build a data warehouse and mapping tool for state cancer prevention policies
Developed Post-2019 Meeting	Webinar: Four Ways of Thinking about Policy in Implementation Science		Policy Atlas policy data resource (completed in 2020; updated annually)

2020 Proposed Public Goods

Action Group Priorities	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		Article: Policy Implementation Science - An Unexplored Strategy to Address Social Determinants of Health Article: Advancing the Science of Policy Implementation: A Call to Action for the Implementation Science Field	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	CCIS Award: Policy Implementation Science: NIH-Funded Case Examples and Lessons Learned (Jamie Chriqui)	Webinar: Reflection on Policy Implementation Science: Growing the Field	Webinar: Joining Forces: Engagement Science and Implementation Science to Advance Health Equity		Article: Embracing Policy Implementation Science to Ensure Translation of Evidence to Cancer Control Policy
Under Development Post-2020 Meeting											

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

Public Goods Tracker: Policy and Implementation Science (Continued)



2021 Proposed Public Goods

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

2022 Proposed Public Goods

Action Group Priorities	Equity-focused approach to policy implementation analysis	Policy 101 training	Best practices document for evidence dissemination and policy adoption
Under Development Post-2022 Meeting	CCIS Award: Development of a Policy Implementation Measurement Guide Grounded in Health Equity (Gabiella McLoughlin)		

(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

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

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



Public Goods Tracker:

Rapid Cycle Design in Implementation Science



2019 Proposed Public Goods

Action Group Priorities	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 in Cancer Care Virtual Workshop

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



Public Goods Tracker: Technology in Implementation Science



2019 Proposed Public Goods

Action Group Priorities	Document best practices in technology and health	Bring implementation science 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	Manuscript (Owens et al.) Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review	Manuscript (Owens et al.) Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review	Manuscript (Owens et al.) Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review	

2020 Proposed Public Goods

Action Group Priorities	Obtaining patient-generated/ reported health data	Using data in implementation efforts	Equity/disparities	Telehealth	Applying technology components to implementation science frameworks
Developed Post-2020 Meeting					
Under Development Post-2020 Meeting	Manuscript (Owens et al.) Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review	Manuscript (Owens et al.) Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review	Manuscript (Owens et al.) Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review		Manuscript (Owens et al.) Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review

2021 Proposed Public Goods

Action Group Priorities	Create 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	Manuscript (Owens et al.) Implementation of Health Information Technology for Secondary Cancer Prevention in Primary Care: A Scoping Review			



Public Goods Tracker:

Technology in Implementation Science (Continued)



2022 Proposed Public Goods

Action Group Priorities	Website/resource repository of patient decision-making tools	Webinar/workshop on using shared decision-making tools to empower patients in primary care	Thought piece/guidelines on how to design health IT tools for dissemination/implementation	Guidelines on how to make patient-facing tools more appealing to increase their use
Developed Post-2022 Meeting		<p><u>Webinar:</u> <u>Research Priorities: Leveraging Health Information Technology to Address Cancer Prevention Disparities in Primary Care</u></p>		

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