Implementation Science Resources and References List

Useful websites

The National Implementation Research Network's Active Implementation Hub
https://implementation.fpg.unc.edu/

Centre for Effective Services (CES) Guide to Implementation
http://implementation.effectiveservices.org/

The Center for Research in Implementation Science and Prevention (CRISP) – interactive website on dissemination and implementation models in health research and practice
http://dissemination-implementation.org/

Society for Implementation Research Collaboration
https://societyforimplementationresearchcollaboration.org/

European Implementation Collaborative website
http://www.implementation.eu/

Series of YouTube videos by Melanie Barwick
https://www.youtube.com/user/MelanieBarwick/

University of Washington – Theories, Models, & Frameworks
https://impsciuw.org/research/frameworks/

National Cancer Institute Division of Cancer Control & Population Science – Implementation Science at a Glance Toolkit

https://www.thecommunityguide.org/resources/implementation-science-glance

Implementation Frameworks

Overview of frameworks

Nilsen, P. (2015). Making sense of implementation theories, models and frameworks. *Implementation Science*, *10*(1), 53.

Tabak, R. G., Khoong, E. C., Chambers, D. A., & Brownson, R. C. (2012). Bridging research and practice: models for dissemination and implementation research. *American Journal of Prevention Medicine, 43*(3), 337-350.

Birken, S.A., Rohweder, C.L., Powell, B.J., Shea, C.M., Scott, J., Leeman, J.,….Presseau, J. (2018). T-CaST: an implementation theory comparision and selection tool. *Implementation Science, 13.* Retrieved from: https://implementationscience.biomedcentral.com/articles/10.1186/s13012-018-0836-4

The Dynamic Sustainability Framework

Chambers, d., A., Glasgwo, R. E., & Strange, K. C. (2013). The Dynamic Sustainability Framework: addressing the paradox of sustainment amid ongoing change. *Implementation Science, 8*(117), 1-11.

The Consolidated Framework for Implementation Research (CFIR)

Damschroder, L. J., Aron, D. C., Keith, R. E., Kirsh, S. R., Alexander, J. A., & Lowery, J. C. (2009). Fostering implementation of health services research findings into practice: a consolidated framework for advancing implementation science. *Implementation Science, 4*(1), 50.

Website: http://www.cfirguide.org/

Taxonomy of implementation outcomes

Proctor, E., Silmere, H., Raghavan, R., Hovmand, P., Aarons, G., Bunger, A., ... & Hensley, M. (2011). Outcomes for implementation research: conceptual distinctions, measurement challenges, and research agenda. *Administration and Policy in Mental Health and Mental Health Services Research, 38*(2), 65-76.

Active Implementation Frameworks

Metz, A., & Bartley, L. A. Active Implementation Frameworks for program success: how to use implementation science to improve outcomes for children. Chapel Hill, North Carolina: National Implementation Research Network at the Frank Porter Graham Child Development Institute.

Website: http://implementation.fpg.unc.edu/

The Behaviour Change Wheel

Michie, S., van Stralen, M. M., & West, R. (2011). The behaviour change wheel: a new method for characterising and designing behaviour change interventions. *Implementation Science*, *6*(1), 42.

Website: http://www.behaviourchangewheel.com/

Normalisation Process Theory

Murray, E., Treweek, S., Pope, C., MacFarlane, A., Ballini, L., Dowrick, C., Finch, T., Kennedy, A., Mair, F., O'Donnell, C., Nio Ong, B., Rapley, T., Rogers, A., & May, C. (2010). Normalisation Process Theory: a framework for developing, evaluating and implementing complex interventions. *BMC Medicine, 8*(63), 1-11.

Website: http://www.normalizationprocess.org/

The Promoting Action on Research Implementation (PARiHS) Framework

Rycroft-Malone, J. (2004). The PARiHS Framework – a framework for guiding the implementation of evidence-based practice. *Journal of Nursing Care Quality, 19*(4), 297-304.

Website: http://www.nccmt.ca/resources/search/85

The Quality Implementation Framework (QIF)

Meyers, D., Durlak, J. A., & Wandersman, A. (2012). The Quality Implementation Framework: a synthesis of critical steps in the implementation process. *American Journal of Community Psychology, 50*(3-4): 462-480.

Other Key Articles and Books

Brownson, R. C., Colditz, G. A., & Proctor, E. K. (Eds.). (2010). Dissemination and Implementation Research in Health: Translating Science to Practice. New York: Oxford University Press.

Greenhalgh, T., Robert, G., Macfarlane, F., Bate, P., & Kyriakidou, O. (2004). Diffusion of innovations in service organizations: systematic review and recommendations. *Milbank Quarterly*, *82*, 581-629.

Powell, B. J., McMillen, J. C., Proctor, E. K., Carpenter, C. R., Griffey, R. T., Bunger, A. C., Glass, J. E., & York, J. L. (2011). A compilation of strategies for implementing clinical innovations in health and mental health. *Medical Care Research and Review, 69*, 123-15.

Resources to access evidence

https://www.healthsystemsevidence.org/

Evidence database by McMaster University with free access to evidence to support policy makers, stakeholders and researchers interested in how to strengthen or reform health systems or in how to get cost-effective programs, services and drugs to those who need them.

https://www.socialsystemsevidence.org/

Evidence database by McMaster University with free access to evidence about strengthening government sectors and program areas: citizenship, children and youth services, community and social services, consumer protection, culture and gender, economic development and growth, education, employment, food safety and security, government services, housing, infrastructure, public safety and justice, recreation, and transportation.

https://www.cochranelibrary.com/

Cochrane's library of reviews of educational, behavioural, financial, regulatory and organisational interventions designed to improve health professional practice and the organisation of health care services.

https://campbellcollaboration.org/library.html

Systematic reviews of social and economic interventions in crime and justice, education, international development and social welfare. It is published by the Campbell Collaboration, an international research network.

https://eric.ed.gov/

The Education Resources Information Center (ERIC) website by the Institute of Education Sciences at the U.S. Department of Education provides access to education resources including journal articles, reports, conference papers and other selected materials.

https://www.cebc4cw.org/

The California Evidence-Based Clearinghouse for Child Welfare's mission is to advance the effective implementation of evidence-based practices for children and families with the child welfare system.

https://www.samhsa.gov/ebp-resource-center

The Substance Abuse and Mental Health Service Administration's Evidence-Based Practices Resource Center provides information and tools to incorporate evidence-based practices into their communities or clinical settings.