OHTN's Resources from Implementation Science Workshop- May 14, 2019

Videos

Introduction to Implementation Science: https://www.youtube.com/watch?v=nZssXTXv6Uo

Understanding Frameworks: https://www.youtube.com/watch?v=zFNutiOaXR4

Useful Websites

National Implementation Research Network: https://nirn.fpg.unc.edu/projects

NIRN Active implementation Hub: https://implementation.fpg.unc.edu/

(Includes Modules on Implementation Drivers, Teams, Stages, Improvement Cycles, Usable Innovations and Fidelity Assessment and more!)

Global Implementation Initiative: https://globalimplementation.org/resources/

NIH: Fogarty International Center: Resources for Implementation Researchers:
https://www.fic.nih.gov/About/center-global-health-studies/neuroscience-implementation-toolkit/Pages/resources.aspx

Resources influencing OHTN Guidelines

- Proctor, E., Powell, B., Baunmann, A., Hamilton, A., & Santens, R. (2012). Writing implementation research grant proposals: ten key ingredients. Implementation Science, 7, 96–109. https://implementationscience.biomedcentral.com/articles/10.1186/1748-59...
- Crable, E. L., Biancarelli, D., Walkey, A. J., Allen, C. G., Proctor, E. K., & Drainoni, M. L. (2018). Standardizing an approach to the evaluation of implementation science proposals. *Implementation Science*, *13*(1), 71.https://implementationscience.biomedcentral.com/articles/10.1186/s13012-018-0770-5

Successful NIH Implementation Science Grant Proposals (Cancer Research)

- https://cancercontrol.cancer.gov/IS/sample-grant-applications.html

Articles referenced in Heather Bullock's Presentation

Information about Implementation Science:
- Duda, M. A., Fixsen, D. L., & Blase, K. A. (2013). Setting the Stage for Sustainability: Building the Infrastructure for Implementation Capacity. In V. Buysse & E. Peisner-Feinberg (Eds.), Handbook of Response to Intervention in Early Childhood (pp. 397-417). Baltimore, MD: Brookes.
- Nilsen, P. (2015). Making sense of implementation theories, models and frameworks. Implementation science, 10(1), 53. https://implementationscience.biomedcentral.com/track/pdf/10.1186/s13012-015-0242-0
- Duda M. and Wilson B. Using Implementation Science to Close the Policy to Practice Gap https://www.wilsonlanguage.com/wp-content/uploads/2016/06/Implementation_Science_White_Paper_for_Literate_Nation.pdf

- Implementation Research: A synthesis of the Literature: Fixen et al. 2005
  https://nirn.fpg.unc.edu/sites/nirn.fpg.unc.edu/files/resources/NIRN-MonographFull-01-2005.pdf

Classic Theory: Diffusion of Innovation
- Rogers, Everett M., et al. "Complex adaptive systems and the diffusion of innovations." *The Innovation Journal: The Public Sector Innovation Journal* 10.3 (2005): 1-26.
  http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.130.8047&rep=rep1&type=pdf
- Rogers 1962 https://teddykw2.files.wordpress.com/2012/07/everett-m-rogers-diffusion-of-innovations.pdf

Process model: Ottawa Model of Research Use
- Graham, I.D., & Logan. J. (2004). Innovations in knowledge transfer and continuity of care. Canadian Journal of Nursing Research, 36(2), 89-103.
  https://www.ncbi.nlm.nih.gov/pubmed/14717144

Process Model: Knowledge to Action Cycle
- Graham, I. D., Logan, J., Harrison, M. B., Straus, S. E., Tetroe, J., Caswell, W., & Robinson, N. (2006). Lost in knowledge translation: time for a map?. *Journal of continuing education in the health professions*, *26*(1), 13-24. https://onlinelibrary.wiley.com/doi/pdf/10.1002/chp.47

Implementation theory: Behaviour Change Wheel
- Michie, Susan, Maartje M. Van Stralen, and Robert West. "The behaviour change wheel: a new method for characterising and designing behaviour change interventions." *Implementation science* 6.1 (2011): 42.
  https://implementationscience.biomedcentral.com/track/pdf/10.1186/1748-5908-6-42

Evaluation Framework: Conceptual model of implementation research
- Proctor, E. K., Landsverk, J., Aarons, G., Chambers, D., Glisson, C., & Mittman, B. (2009). Implementation research in mental health services: an emerging science with conceptual, methodological, and training challenges. *Administration and Policy in Mental Health and Mental Health Services Research*, *36*(1), 24-34.https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3808121/pdf/nihms519797.pdf

Evaluation Framework: RE-AIM
- Glasgow, R. E., Vogt, T. M., & Boles, S. M. (1999). Evaluating the public health impact of health promotion interventions: the RE-AIM framework. *American journal of public health*, *89*(9), 1322-1327. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1508772/pdf/amjph00009-0018.pdf

Determinants Framework: PARiHS (Promoting Action on Research in Health Services)
- 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.
  https://pdfs.semanticscholar.org/7972/6abeb8cfff4225de3c0ce6401240c5b3f71e.pdf

Determinants Framework: 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. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2736161/pdf/1748-5908-4-50.pdf

A Developmental Evaluation Primer

- Gamble 2008 https://mcconnellfoundation.ca/wp-content/uploads/2017/07/A-Developmental-Evaluation-Primer-EN.pdf

The Hexagon: An EBP Exploration Tool

- https://nirn.fpg.unc.edu/sites/nirn.fpg.unc.edu/files/imce/documents/NIRN%20Hexagon%20Discussion%20Analysis%20Tool%20v2.2.pdf

Implementation Drivers Framework

- https://implementation.fpg.unc.edu/implementation-practice/drivers/