

Discussion

Panel: Christine McDonough, Jennifer Moore, Janet Bettger, Rani Elwy

Determining which framework to use:

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 preventive medicine*, 43(3), 337-350.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3592983/>
<https://dissemination-implementation.org/>

Designing for Dissemination:

Brownson, R. C., Jacobs, J. A., Tabak, R. G., Hoehner, C. M., & Stamatakis, K. A. (2013). Designing for dissemination among public health researchers: findings from a national survey in the United States. *American journal of public health*, 103(9), 1693-1699.

<https://ajph.aphapublications.org/doi/pdfplus/10.2105/AJPH.2012.301165>

How to get started with researchers and collaborators in implementation science:

- Local PT programs: academic researchers
- Existing communities developing CPGs
- Look into clinic's administrative data to examine questions around accessibility
- Engaging students:
 - PCORI / AHRQ funded institutions
 - NCI, NIVI have K12 and institutions across the country with people building fellowships in early career training
- Some SIGs

Sustainability Assessment Tool

Calhoun, A., Mainor, A., Moreland-Russell, S., Maier, R. C., Brossart, L., & Luke, D. A. (2014). Peer Reviewed: Using the Program Sustainability Assessment Tool to Assess and Plan for Sustainability. *Preventing chronic disease*, 11.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3900327/>
Website: <https://sustaintool.org/psat/>

Writing Successful Implementation Science Proposals and Funding Opportunities

Panel: Drs. Helfrich, Prvu, Bettger, and Elwy

Grants

- K-award
- NIH (hybrid 1)

- R03
- NCMRR R03
- NIH – DIRH (for hybrid 3)
- Agency for Healthcare Research and Quality (AHRQ): <https://www.ahrq.gov/>
- Patient-Centered Outcomes Research Institute (PCORI): <https://www.pcori.org/>
- CDC
- Foundation (Robert Wood Johnson Foundation?)
- NCAS
- CTSA
- NHLBI Implementation Science Center – cardiopulmonary activities
- NIH - Training Institute for Dissemination and Implementation and Research in Health (TIDIRH)
- CoHSTAR: pilot award, faculty part-time fellowships, post-doc fellowships
- Veterans Administration (VA)

Example of hybrid type II study (mentioned by Dr. Elwy):

Bauer, M. S., Miller, C. J., Kim, B., Lew, R., et al. (2019). Effectiveness of implementing a collaborative chronic care model for clinician teams on patient outcomes and health status in mental health: a randomized clinical trial. *JAMA network open*, 2(3), e190230-e190230.
<https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2726717>

Resources for Grant Writing

- National Cancer Institute (NCI) Website
- Brownson, R. C., Colditz, G. A., Dobbins, M., Emmons, K. M., et al. (2015). Concocting that magic elixir: successful grant application writing in dissemination and implementation research. *Clinical and translational science*, 8(6), 710-716.
<https://ascpt.onlinelibrary.wiley.com/doi/pdf/10.1111/cts.12356>
- 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>
- Lewis, C. C., et al. (2018). From classification to causality: advancing understanding of mechanisms of change in implementation science. *Frontiers in public health*, 6, 136.
<https://www.frontiersin.org/articles/10.3389/fpubh.2018.00136/full>
- Proctor, E. K., Powell, B. J., Baumann, A. A., Hamilton, A. M., & Santens, R. L. (2012). Writing implementation research grant proposals: ten key ingredients. *Implementation Science*, 7(1), 96.

<https://implementationscience.biomedcentral.com/articles/10.1186/1748-5908-7-96?report=reader>

Other Resources and Training Opportunities

- Annual D&I conference December 14-16, 2020: <https://www.academyhealth.org/events/2020-12/13th-annual-conference-science-dissemination-and-implementation-health>
- Agency for Healthcare Research and Quality (AHRQ): <https://www.ahrq.gov/>
- Patient-Centered Outcomes Research Institute (PCORI): <https://www.pcori.org/>
- NIH Institutes <https://www.nih.gov/institutes-nih>
- Robert Wood Johnson Foundation (RWJF): <https://www.rwjf.org/>

SIRC: <https://societyforimplementationresearchcollaboration.org/>