



Implementation Science Grant Writing Resources

This resource document is provided to help you write successful implementation science grants and was provided as part of a grant writing panel during the 2022 CPCRN Annual Meeting.

Publications:

Brown CH, Curran G, Palinkas LA, Aarons GA, Wells KB, Jones L, Collins LM, Duan N, Mittman BS, Wallace A, Tabak RG, Ducharme L, Chambers DA, Neta G, Wiley T, Landsverk J, Cheung K, Cruden G. An Overview of Research and Evaluation Designs for Dissemination and Implementation. *Annu Rev Public Health*. 2017 Mar 20;38:1-22. doi: 10.1146/annurev-publhealth-031816-044215. PMID: 28384085; PMCID: PMC5384265.

Brownson RC, Colditz GA, Dobbins M, Emmons KM, Kerner JF, Padek M, Proctor EK, Stange KC. Concocting that Magic Elixir: Successful Grant Application Writing in Dissemination and Implementation Research. *Clin Transl Sci*. 2015 Dec;8(6):710-6. doi: 10.1111/cts.12356. Epub 2015 Nov 18. PMID: 26577630; PMCID: PMC4739635.

Brownson RC, Kumanyika SK, Kreuter MW, Haire-Joshu D. Implementation science should give higher priority to health equity. *Implement Sci*. 2021 Mar 19;16(1):28. doi: 10.1186/s13012-021-01097-0. PMID: 33740999; PMCID: PMC7977499.

Brownson RC, Shelton RC, Geng EH, Glasgow RE. Revisiting concepts of evidence in implementation science. *Implement Sci*. 2022 Apr 12;17(1):26. doi: 10.1186/s13012-022-01201-y. PMID: 35413917; PMCID: PMC9004065.

Curran GM, Bauer M, Mittman B, Pyne JM, Stetler C. Effectiveness-implementation hybrid designs: combining elements of clinical effectiveness and implementation research to enhance public health impact. *Med Care*. 2012 Mar;50(3):217-26. doi: 10.1097/MLR.0b013e3182408812. PMID: 22310560; PMCID: PMC3731143.

Hwang S, Birken SA, Melvin CL, Rohweder CL, Smith JD. Designs and methods for implementation research: Advancing the mission of the CTSA program. *J Clin Transl Sci*. 2020 Mar 4;4(3):159-167. doi: 10.1017/cts.2020.16. PMID: 32695483; PMCID: PMC7348037.

Landes SJ, McBain SA, Curran GM. An introduction to effectiveness-implementation hybrid designs. *Psychiatry Res*. 2019 Oct;280:112513. doi: 10.1016/j.psychres.2019.112513. Epub 2019 Aug 9. PMID: 31434011; PMCID: PMC6779135.

Mueller NM, Hsieh A, Ramanadhan S, Lee RM, Emmons KM. The Prevalence of Dissemination and Implementation Research and Training Grants at National Cancer Institute-Designated Cancer Centers. *JNCI Cancer Spectr*. 2021 Dec 15;6(1):pkab092. doi: 10.1093/jncics/pkab092. PMID: 35005429; PMCID: PMC8735751.

Funding Opportunity Announcements

Scientific emphasis in the reissuance of these FOAs reflects high-priority areas in cancer control and population sciences. The Division of Cancer Control and Population Sciences (DCCPS) has several broad areas of interest: epidemiology and genomics, surveillance, healthcare delivery, and behavioral research. DCCPS also has an interest in cross-cutting themes across the cancer control continuum, including health disparities, implementation science, and cancer survivorship. The Implementation Science team is particularly interested in efforts to advance knowledge on sustainability and scale up of effective cancer control interventions, de-implementation, policy implementation, and health equity.

Dissemination and Implementation Research in Health (R01 Clinical Trial Optional), [PAR-22-105](#)
Dissemination and Implementation Research in Health (R21 Clinical Trial Optional), [PAR-22-109](#)
Dissemination and Implementation Research in Health (R03 Clinical Trial Not Allowed), [PAR-22-106](#)

Learn more about strategies to contact a program officer about your research idea [here](#).

Science of Implementation in Health and Healthcare Study Section

The Science of Implementation in Health and Healthcare (SIHH) Study Section reviews applications that identify, develop, and evaluate dissemination and implementation theories, strategies and methods designed to integrate evidence-based health interventions into public health, clinical, and community settings. Applications reviewed in SIHH should have a major methods, strategy, or theoretical

development component in implementation science in order to understand how interventions are implemented and measure implementation outcomes in public health, clinical, and community settings.

Learn more about this National Institutes of Health Study Section [here](#).

Neta G, Clyne M, Chambers DA. Dissemination and Implementation Research at the National Cancer Institute: A Review of Funded Studies (2006-2019) and Opportunities to Advance the Field. *Cancer Epidemiol Biomarkers Prev*. 2021 Feb;30(2):260-267. doi: 10.1158/1055-9965.EPI-20-0795. Epub 2020 Dec 2. PMID: 33268488.

Neta G, Sanchez MA, Chambers DA, Phillips SM, Leyva B, Cynkin L, Farrell MM, Heurtin-Roberts S, Vinson C. Implementation science in cancer prevention and control: a decade of grant funding by the National Cancer Institute and future directions. *Implement Sci*. 2015 Jan 8;10:4. doi: 10.1186/s13012-014-0200-2. PMID: 25567702; PMCID: PMC4296529.

Pinnock H, Barwick M, Carpenter CR, Eldridge S, Grandes G, Griffiths CJ, Rycroft-Malone J, Meissner P, Murray E, Patel A, Sheikh A, Taylor SJ; StaRI Group. Standards for Reporting Implementation Studies (StaRI) Statement. *BMJ*. 2017 Mar 6;356:i6795. doi: 10.1136/bmj.i6795. PMID: 28264797; PMCID: PMC5421438.

Pinnock H, Barwick M, Carpenter CR, Eldridge S, Grandes G, Griffiths CJ, Rycroft-Malone J, Meissner P, Murray E, Patel A, Sheikh A, Taylor SJ; StaRI Group. Standards for Reporting Implementation Studies (StaRI): explanation and elaboration document. *BMJ Open*. 2017 Apr 3;7(4):e013318. doi: 10.1136/bmjopen-2016-013318. PMID: 28373250; PMCID: PMC5387970.

Proctor EK, Powell BJ, Baumann AA, Hamilton AM, Santens RL. Writing implementation research grant proposals: ten key ingredients. *Implement Sci*. 2012 Oct 12;7:96. doi: 10.1186/1748-5908-7-96. PMID: 23062065; PMCID: PMC3541090. [Video](#)

Purtle J, Peters R, Brownson RC. A review of policy dissemination and implementation research funded by the National Institutes of Health, 2007-2014. *Implement Sci*. 2016 Jan 4;11:1. doi: 10.1186/s13012-015-0367-1. PMID: 26727969; PMCID: PMC4700744.

Ramanadhan S, Davis MM, Armstrong R, Baquero B, Ko LK, Leng JC, Salloum RG, Vaughn NA, Brownson RC. Participatory implementation science to increase the impact of evidence-based cancer prevention and control. *Cancer Causes Control*. 2018 Mar;29(3):363-369. doi: 10.1007/s10552-018-1008-1. Epub 2018 Feb 7. PubMed PMID: 29417296; PubMed Central PMCID: PMC5858707.

Sinha SS, Engler TA, Nallamothu BK, Ibrahim AM, Verhey-Henke A, Kerppola M, Ellimoottil C, Ryan AM. Sprint to work: A novel model for team science collaboration in academic medicine. *Perspect Med Educ*. 2018 Aug;7(4):281-285. doi: 10.1007/s40037-018-0442-9. PMID: 30039211; PMCID: PMC6086814.

[Implementation Science Grant Writing resource](#)
[from the University of Washington](#)

[Sample Grant Applications](#)
[National Cancer Institute](#)
[University of North Carolina](#)

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