Challenge/Difficulty Quotes

Challenges

Difficulties

* “However, attributing the outcomes to the participatory processes has been difficult” (Bush et al. 2018)
* “Finally, some reported difficulty applying detailed frameworks of participation as the reviewed studies were often lacking detail” (Bush et al. 2018)

Challenges

* Participatory research approaches are also a more time-consuming research approach, compared to non-participatory research [[26](https://implementationscience.biomedcentral.com/articles/10.1186/s13012-017-0648-y#ref-CR26)], and may require extra effort to work through challenges, among them practitioners’ research values and skills, and communication difficulties [[25](https://implementationscience.biomedcentral.com/articles/10.1186/s13012-017-0648-y#ref-CR25)]. (Bush et al. 2017)

Other

* “However, they found the nature of the interactions during these meetings was not sufficiently described.”(Bush et al. 2018)
* “They underscore the need for authors to provide detailed descriptions to help understand the ‘black box’ of this research approach in order to close the research-practice gap.”(Bush et al. 2018)
* “Previous reviews, whether about OPR or other types of participatory research, have not described how to conduct this type of research to the same degree, nor have they illustrated how participatory processes contribute to outcomes”(Bush et al. 2018)
* “A drawback of OPR is that it requires more time from all those involved, compared to non-participatory research approaches”(Bush et al. 2017)
* “Further, this review exposes a need for OPR authors to more clearly describe the type of non-academic partner participation in key research decisions throughout the study”(Bush et al. 2017)
* “However, the association of OPR outcomes with processes of participation remains unclear because these reviews included OPR studies without distinguishing between (or among) types of participation”(Bush et al. 2017)
* “Data regarding the duration of the study or the different types of organization partners were missing for 65 (61%) of the included studies; thus, we sought to obtain the missing data directly from the authors. Unable to obtain author contact information for 13 (20%) studies, we emailed authors of 52 (80%) studies and received 26 (40%) responses (15 (23%) emails bounced back and 11 (17%) authors did not respond”(Bush et al. 2017)
* Yet, these reviews do not clarify whether these outcomes were intended or not. Moreover, they do not document an association between the collaborative research process and the outcomes.(Bush et al. 2017)
* “Additionally, a more nuanced analysis of participation was not feasible given that authors do not often describe the fluctuating level of participation of various partners throughout the research process [3, 24].”(Bush et al. 2017)

Bias

* “Given that our analysis is therefore a meta-reflection, it is possible that our results underscore the assumptions and beliefs of the authors of the publications included in this review.” (Bush et al. 2018)
* “As found in previous reviews [[15](https://bmchealthservres.biomedcentral.com/articles/10.1186/s12913-018-3775-5#ref-CR15), [16](https://bmchealthservres.biomedcentral.com/articles/10.1186/s12913-018-3775-5#ref-CR16)], the challenges of OPR (i.e., negative outcomes), and means to mitigate with them (processes), were rarely reported in the included studies and are, thus, not covered in this article”(Bush et al. 2018)

Bush, P. L., P. Pluye, C. Loignon, V. Granikov, M. T. Wright, J. F. Pelletier, G. Bartlett-Esquilant, A. C. Macaulay, J. Haggerty, S. Parry, and C. Repchinsky. 2017. 'Organizational participatory research: a systematic mixed studies review exposing its extra benefits and the key factors associated with them', *Implement Sci*, 12: 119.

Bush, P. L., P. Pluye, C. Loignon, V. Granikov, M. T. Wright, C. Repchinsky, J. Haggerty, G. Bartlett, S. Parry, J. F. Pelletier, and A. C. Macaulay. 2018. 'A systematic mixed studies review on Organizational Participatory Research: towards operational guidance', *BMC Health Serv Res*, 18: 992.