

Rapid Qualitative and Integrated Mixed Methods in Implementation Research Workshop

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Recommended readings

Aarons GA, Fettes DL, Sommerfeld DH, Palinkas LA. Mixed methods for implementation research: application to evidence-based practice implementation and staff turnover in community-based organizations providing child welfare services. *Child Maltreat.* 2012 Feb;17(1):67-79.

Bazeley, P. (2018). *Integrating analyses in mixed methods research.* London, UK: Sage

Bazeley, P., & Kemp, L. (2012). Mosaics, Triangles, and DNA Metaphors for integrated analysis in mixed methods research. *Journal of Mixed Methods Research*, 6(1), 55-72.
doi:10.1177/1558689811419514

Bishop FL. Using mixed methods research designs in health psychology: an illustrated discussion from a pragmatist perspective. *Br J Health Psychol.* 2015 Feb;20(1):5-20

Collins, K. M. T., & O'Cathain, A. (2009). Ten points about mixed methods research to be considered by the novice researcher. *International Journal of Multiple Research Approaches*, 3(1), 2-7

Creamer EG. *An introduction to fully integrated mixed methods research.* Sage Publications; 2017.

Creswell, J. (2015). *A concise introduction to mixed methods research.* Sage Publications.

Creswell JW & Plano Clark VL. *Designing and conducting mixed methods research (2nd ed.).* London: Sage, 2011.

Creswell JW, Tashakkori A. Editorial: Developing publishable mixed methods manuscripts. *J Mixed Methods Res.* 2007 Apr;1: 107-111.

Curry, L. A., & Nunez-Smith, M. (2015). *Mixed Methods in Health Sciences Research.* Sage Publications.

Dahlberg, B., Wittink, M.N. and Gallo, J.J. Funding and publishing integrated studies: Writing effective mixed methods manuscripts and grant proposals. *SAGE handbook of mixed methods in social and behavioral research.* Thousand Oaks, CA: Sage, 2010.

DeCuir-Gunby, J., T., & Schutz, P. A. (2017). *Developing a Mixed Methods Proposal: A practical guide for beginning researchers.* Thousand Oaks, Sage.

Fàbregues, S., & Molina-Azor, J. F. (2017). Addressing quality in mixed methods research: a review and recommendations for future agenda. *Quality & Quantity*, 51: 2847-2863.
doi:10.1007/s11135-016-0449-4.

- Fetters, M. & Freshwater, D. (2015). Publishing a methodological mixed methods research article. *Journal of Mixed Methods Research*, 9, 203-213. doi:10.1177/1558689815594687
- Flick, U. Mantras and myths: the disenchantment of mixed methods research and revisiting triangulation as a perspective. *Qualitative Inquiry*. 2016 June 28.
- Greene, J. C. (2007). *Mixed methods in social inquiry*. San Francisco: Jossey-Bass.
- Guetterman, T. C. (2017). What distinguishes a novice from an expert mixed methods researcher? *Quality & Quantity*, 51(1), 377-398.
- Guetterman, T. C., Fetters, M., & Creswell, J. (2015). Integrating quantitative and qualitative results in health science mixed methods research. *Annals of Family Medicine*, 13: 554-561. doi:10.1370/afm.1865.
- Hamilton AB, Cohen AN, Glover DL, Whelan F, Chemerinski E, McNagny KP, Mullins D, Reist C, Schubert M, Young AS. Implementation of evidence-based employment services in specialty mental health. *Health Serv Res*. 2013 Dec;48(6 Pt 2):2224-44.
- Hesse-Biber S. Mixed Methods Research: The "Thing-ness" Problem. *Qual Health Res*. 2015 Jun;25(6):775-88.
- Lee C, Rowlands IJ. When mixed methods produce mixed results: integrating disparate findings about miscarriage and women's wellbeing. *Br J Health Psychol*. 2015 Feb;20(1):36-44.
- Levitt, H. M., Bamberger, M., Creswell, J. W., Frost, D. M., Josselson, R., & Suarez-Orozco, C. (2018). Journal article reporting standards for qualitative primary, qualitative meta-analytic, and mixed methods research in psychology: The APA publications and communications board task force report. *American Psychologist*, 73(1), 26-46. <http://dx.doi.org/10.1037/amp0000151>
- Lynam T, Damayanti R, Rialine Titaley C, Suharno N, Bradley M, Krentel A. Reframing integration for mixed methods research. *J Mixed Methods Res*. 2020:1558689819879352.
- Lyon AR, Ludwig K, Wasse JK, Bergstrom A, Hendrix E, McCauley E. Determinants and functions of standardized assessment use among school mental health clinicians: A mixed methods evaluation. *Administration and Policy in Mental Health and Mental Health Services Research*. 2016 Jan 1;43(1):122-34.
- Mertens, D.M. (2011). Publishing Mixed Methods Research, *Journal of Mixed Methods Research*, 5, 3-5. DOI: 10.1177/1558689810390217
- Mertens, D. M., Bazeley, P., Bowleg, L., Fielding, N. G., Maxwell, J. A., Molina-Azor, J. F., & Niglas, K. (2016). Expanding thinking through a kaleidoscopic look into the future: Implications of the Mixed Methods International Research Association's task force report on the future of mixed methods research. *Journal of Mixed Methods Research*, 10(3), 221-227. doi:10.1177/1558689816649719
- Miller WL, Crabtree BF, Harrison MI, Fennell ML. Integrating mixed methods in health services and delivery system research. *Health Serv Res*. 2013 Dec;48(6 Pt 2):2125-33.

Moffatt S, White M, Mackintosh J, Howel D. Using quantitative and qualitative data in health services research – what happens when mixed method findings conflict? *BMC Health Serv Res*. 2006 Mar 8;6:28.

Morgan, DL. Integrating qualitative and quantitative methods: A pragmatic approach. Thousand Oaks, CA: SAGE Publications, 2014.

Morse, JM & Niehaus L. Mixed methods design. Principles and procedures. Walnut Creek, CA: Left Coast Press, 2009.

O'Cathain A, Murphy E, Nicholl J. The quality of mixed methods studies in health services research. *J Health Serv Res Policy*. 2008 Apr;13(2):92-8.

O'Cathain A, Murphy E, Nicholl J. Three techniques for integrating data in mixed methods studies. *BMJ*. 2010 Sep 17;341:c4587.

Onwuegbuzie, A., & Poth, C. (2016). Editor's afterword: Toward evidence-based guidelines for reviewing mixed methods research manuscripts submitted to journals. *International Journal of Qualitative Methods*, 15, 1-13. doi:10.1177/1609406916628986

Ozawa S, Pongpirul K. 10 best resources on ... mixed methods research in health systems. *Health Policy Plan*. 2014 May;29(3):323-7.

Palinkas LA, Horwitz SM, Chamberlain P, Hurlburt MS, Landsverk J. Mixed-methods designs in mental health services research: a review. *Psychiatr Serv*. 2011 Mar;62(3):255-63.

Palinkas LA, Mendon SJ, Hamilton AB. Innovations in mixed methods evaluations. *Ann Rev Pub Health*. 2019 Apr 1;40:423-42.

Plano-Clark, V., & Ivankova, N. V. (2016). *Mixed methods research: A guide to the field*. Sage Publications.

Poth, C. (2018). *Innovation in mixed methods research: A practical guide to integrative thinking with complexity*. Sage Publications.

Poth, C. (2018). The contributions of mixed insights to advancing technology-enhanced formative assessments within higher education learning environments. *International Journal of Educational Technology in Higher Education*, 15(9). doi:10.1186/s41239-018-0090-5.

Poth, C. (2018). The curious case of complexity: Implications for mixed methods research practices, *International Journal of Multiple Research Approaches*, 10(1), 403-411. <http://ijmra.org/inaugural-special-issue/>

Sandelowski M. Combining qualitative and quantitative sampling, data collection, and analysis techniques in mixed-method studies. *Res Nurs Health*. 2000 Jun;23(3):246-55.

Stange KC, Crabtree BF, Miller WL. Publishing multimethod research. *Ann Fam Med*. 2006 Jul-Aug;4(4):292-4.

Tashakkori, A., & Teddlie, C. (Eds.). (2010). *Handbook of mixed methods in social and behavioral research* (2nd ed.). Thousand Oaks, CA: Sage.

Teddlie, C., & Yu, F. (2007). Mixed methods sampling: A typology with examples. *Journal of Mixed Methods Research*, 1, 77-100. doi:10.1177/2345678906292430

Wagner KD, Davidson PJ, Pollini RA, Strathdee SA, Washburn R, Palinkas LA. Reconciling incongruous qualitative and quantitative findings in mixed methods research: exemplars from research with drug using populations. *Int J Drug Policy*. 2012 Jan;23(1):54-61.

Wisdom JP, Cavaleri MA, Onwuegbuzie AJ, Green CA. Methodological reporting in qualitative, quantitative, and mixed methods health services research articles. *Health Serv Res*. 2012 Apr;47(2):721-45.

Zhang W, Creswell J. The use of "mixing" procedure of mixed methods in health services research. *Med Care*. 2013 Aug;51(8):e51-7.

Recommended websites

RWJF Guidelines for Designing, Analyzing and Reporting Qualitative Research
<http://www.qualres.org/HomeGuid-3868.html>

NSF Workshop on Interdisciplinary Standards for Systematic Qualitative Research
http://www.nsf.gov/sbe/ses/soc/ISSQR_workshop_rpt.pdf

NIH OBSSR Best Practices for Mixed Methods Research in the Health Sciences
<https://obsr.od.nih.gov/wp-content/uploads/2018/01/Best-Practices-for-Mixed-Methods-Research-in-the-Health-Sciences-2018-01-25.pdf>