

Round 14: What is the goal of a functional assessment? Debaters: Dr. Mahshid Ghaemmaghami and Dr. Jeffrey Tiger

Motion: The goal of a functional assessment is to identify a function that will inform treatment.
Released: Thursday April 20, 2023

Baby in the Bath Water.

<https://chaddsfordhistorical.wordpress.com/2015/08/07/mythbuster-friday-dont-throw-the-baby-out-with-the-bathwater/> (this was from a reference Dr. Tiger made and Megan told this inaccurate story :oP)

Baer, D. M., Wolf, M. M., & Risley, T. R. (1968). Some current dimensions of applied behavior analysis. *Journal of Applied Behavior Analysis, 1*(1), 91–97.
<https://doi.org/10.1901/jaba.1968.1-91>

Beavers, G. A., Iwata, B. A., & Lerman, D. C. (2013). Thirty years of research on the functional analysis of problem behavior. *Journal of Applied Behavior Analysis, 46*(1), 1-21.
<https://doi.org/10.1002/jaba.30>

Call, N. A. & Lomas Mevers, J. E. (2013). The relative influence of motivating operations for positive and negative reinforcement on problem behavior during demands. *Behavioral Interventions, 29*(1), 4-20. <https://doi.org/10.1002/bin.1374>

Dracobly JD, Smith RG. (2012). Progressing from identification and functional analysis of precursor behavior to treatment of self-injurious behavior. *Journal of Applied Behavior Analysis, 45*(2), 361-74. <https://doi.org/10.1901/jaba.2012.45-361>

Fiani, T. & Jessel, J. (2022). Practical functional assessment and behavioral treatment of challenging behavior for clinically based outpatient services: A consecutive case series evaluation. *Education and Treatment of Children, 45*(2), 211-230.
<https://doi.org/10.1007/s43494-022-00071-9>

Fisher, W. W., Greer, B. D., Romani, P. W., Zangrillo, A. N., & Owen, T. M. (2016). Comparisons of synthesized and individual reinforcement contingencies during functional analysis. *Journal of Applied Behavior Analysis, 49*(3), 596-616.
<https://doi.org/10.1002/jaba.314>

- Ghaemmaghani, M., Hanley, G. P., & Jessel, J. (2021). Functional communication training: From efficacy to effectiveness. *Journal of Applied Behavior Analysis*, 54(1), 122-143. <https://doi.org/10.1002/jaba.762>
- Ghaemmaghani, M., Hanley, G. P., Jin, C. S., & Vanselow, N. R. (2016). Affirming control by multiple reinforcers via progressive treatment analysis. *Behavioral Interventions*, 31(1), 70-86. doi: 10.1002/bin.1425 <https://onlinelibrary.wiley.com/doi/10.1002/bin.1650>
- Hanley, G. (n.d.). *Practical functional assessment: Understanding problem behavior prior to its treatment*. <https://practicalfunctionalassessment.com/>
- Hanley, G. P., Iwata, B. A., & McCord, B. E. (2003). Functional analysis of problem behavior: A review. *Journal of Applied Behavior Analysis*, 36(2), 147–185. <https://doi.org/10.1901/jaba.2003.36-147>
- Hagopian, L. P., Rooker, G. W., Jessel, J., & DeLeon, I. G. (2013). Initial functional analysis outcomes and modifications in pursuit of differentiation: A summary of 176 inpatient cases. *Journal of Applied Behavior Analysis*, 46(1), 88-100. <https://doi.org/10.1002/jaba.25>
- Heath H, Smith RG. (2019). Precursor behavior and functional analysis: A brief review. *Journal of Applied Behavior Analysis*, 52(3), 804-810. <https://doi.org/10.1002/jaba.571>
- Iwata, B. A., Dorsey, M. F., Slifer, K. J., Bauman, K. E., & Richman, G. S. (1994). Toward a functional analysis of self-injury. *Journal of Applied Behavior Analysis*, 27(2), 197–209. <https://doi.org/10.1901/jaba.1994.27-197>
- Jessel, J., Hanley, G.P., Ghaemmaghani, M. & Carbone, M. J. (2021). On the efficiency and control of different functional analysis formats. *Education and Treatment of Children*, 45(1), 69–84. <https://doi.org/10.1007/s43494-021-00059-x>
- Melanson, I. J., & Fahmie, T. A. (2023). Functional analysis of problem behavior: A 40-year review. *Journal of Applied Behavior Analysis*, 56(2), 262–281. <https://doi.org/10.1002/jaba.983>
- Mitteer, D. R., Fisher, W. W., Briggs, A. M., Greer, B. D., Hardee, A. M. (2019). Evaluation of an omnibus mand in the treatment of multiply controlled destructive behavior. *Behavioral Development*, 24(2), 74-88. <http://dx.doi.org/10.1037/bdb0000088>

- Najdowski, A. C., Wallace, M. D., Ellsworth, C. L., MacAleese, A. N., & Cleveland, J. M. (2008). Functional analyses and treatment of precursor behavior. *Journal of Applied Behavior Analysis, 41*(1), 97–105. <https://doi.org/10.1901/jaba.2008.41-97>
- Payne, S. W., Dozier, C. L., Neidert, P. L., Jowett E. S., & Newquist, M. H. (2014). Using additional analyses to clarify the functions of problem behavior: An analysis of two cases. *Education and Treatment of Children, 37*(2), 249-275. <https://www.jstor.org/stable/44857451>
- Piazza, C. C., Fisher, W. W., Hanley, G. P., Remick, M. L., Contrucci, S. A., & Aitken, T. L. (1997). The use of positive and negative reinforcement in the treatment of escape-maintained destructive behavior. *Journal of Applied Behavioral Analysis, 30*(2), 279-298. [doi:10.1901/jaba.1997.30-279](https://doi.org/10.1901/jaba.1997.30-279)
- Rooker, G. W., DeLeon. I. G., Borrero, C. S. W., Frank-Crawford, M.A., Roscoe, E. M. (2015). Reducing ambiguity in the functional assessment of problem behavior. *Behavioral Intervention, 30*(1), 1-35. [doi: 10.1002/bin.1400](https://doi.org/10.1002/bin.1400)
- Rooker, G. W., Jessel, J., Kurtz, P. F., & Hagopian, L. P. (2013). Functional communication training with and without alternative reinforcement and punishment: An analysis of 58 applications. *Journal of Applied Behavior Analysis, 46*(4), 708-22. [doi: 10.1002/jaba.76](https://doi.org/10.1002/jaba.76)
- Schlichenmeyer, K. J., Roscoe, E. M., Rooker, G. W., Wheeler, E. E., & Dube, W. V. (2013). Idiosyncratic variables that affect functional analysis outcomes: a review (2001-2010). *Journal of Applied Behavior Analysis, 46*(1), 339–348. <https://doi.org/10.1002/jaba.12>
- Slaton, J. D., Hanley, G. P., & Raftery, K. J.(2017). Interview-informed functional analyses: A comparison of synthesized and isolated components. *Journal of Applied Behavior Analysis, 50*(2), 252-277. <https://doi.org/10.1002/jaba.384>
- Slaton, J. D., & Hanley, G. P. (2018). Nature and scope of synthesis in functional analysis and treatment of problem behavior. *Journal of Applied Behavior Analysis, 51*(4), 943–973. <https://doi.org/10.1002/jaba.498>
- Tiger, J. & Effertz, H. (2020). On the validity of data produced by isolated and synthesized contingencies during the functional analysis of problem behavior. *Journal of Applied Behavior Analysis, 54*(3), 853-876. <https://onlinelibrary.wiley.com/doi/10.1002/jaba.792>

Zangrillo, A. N., Fisher, W. W., Greer, B. D., Owen, T. M., & De Souza, A. A. (2016). Treatment of escape-maintained challenging behavior using chained schedules: An evaluation of the effects of thinning positive plus negative reinforcement during functional communication training. *International Journal of Developmental Disabilities*, 62(3), 147-156.
<https://doi.org/10.1080/20473869.2016.1176308>