

1. Title: Executive Function: Overview and Current Issues

Topic: Executive function - Definition, behavioral and neurobiological correlates

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Executive function (EF) is wrought with confusion around how it is conceptualized and measured. The roots of EF trace back to unusual neurological case studies beginning in the 19th century and war injuries in the early 20th century. Since then, EF has taken on quite a number of meanings and operationalizations. This presentation will compare a variety of current perspectives on EF, review key issues relevant to its understanding, and offer (at least one) path forward, to allow for greater coherence in this complex field.

Recommended Readings:

1. Cirino, P.T. (2023). Framing executive function as a construct, and its relation to academic achievement. *Mind, Brain, and Education*, 17(4), 226-237.
2. Cirino, P.T., Farrell, A.E., Barnes, M.A., & Roberts, G.J. (2023). An evaluation of the structure of attention in adolescence. *Developmental Neuropsychology*, 48(4), 162-185.
3. Cirino, P.T., Ahmed, Y., Miciak, J., Taylor, W.P., Gerst, E.H., & Barnes, M.A. (2018). A framework for executive function in the late elementary years. *Neuropsychology*, 32(2), 176-189.