

## Navigating Neural Pathways to Success with Students on the Autism Spectrum

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**Abstract :** This work is a marriage of the science of Applied Behavioral Analysis and an educator's look at Neuroscience. The focus is integrating what we know about the anatomy of the brain in autism and evidence-based practices in education. It is a bold attempt to present links between neurological research and the application of evidence-based practices in education. In researching for this work, no discovery of articles making these connections was made. Consideration of the areas of structural differences in the brain are aligned with evidence-based strategies. A brief literary review identifies how identified areas affect overt behavior, which is what, as educators, is what we can see and measure. Giving further justification and validation of our practices in education from a second scientific field is significant for continued improvement in intervention for students on the autism spectrum.

**Keywords :** autism, evidence based practices, neurological differences, education intervention

**Conference Title :** ICA 2023 : International Conference on Autism

**Conference Location :** Houston, United States

**Conference Dates :** October 23-24, 2023