



Dr. Mouna Attarha is a senior research scientist at Posit Science Corporation, the leading provider of plasticity-based brain training and assessments. She received her PhD from the University of Iowa where she studied the capacity of perceptual systems and how to improve cognitive processes that were once believed to be unmodifiable.

At Posit Science, Dr. Attarha leads clinical trials to bring the potential of brain plasticity out of the lab and into people's hands. She is currently a principal investigator of multiple large federal research grants focused on (1) investigating the mechanisms through which computerized brain training improves cognition and everyday functioning, and (2) evaluating the extent to which cognitive training, either alone or in combination with lifestyle changes such as physical exercise, can alter the course of neurological conditions, including the progression from healthy aging to mild cognitive impairment to dementia. In parallel with these studies, Dr. Attarha serves as a scientific advisor to over 300 external academic investigators and pharmaceutical partners conducting research on over 20 different clinical indications.

On the path toward establishing an index of brain health across the lifespan, Dr. Attarha also leads the design and commercialization of remotely deployable assessments for early detection of age-related cognitive changes. These tools help bring the fruits of the past four decades of laboratory and clinical research to bear on one of society's largest unmet needs and create a new epoch in which brain health is efficiently managed through scalable, digital programs.

Dr. Attarha's research has been presented at numerous academic conferences and published in over a dozen peer-reviewed journals such as the Journal of the American Medical Association and the Journal of Experimental Psychology.