

# Webinar by Elkhonon Goldberg, PhD

## WEBINAR "ADHD AND TOURETTE: A NEW LOOK AT AN OLD QUANDARY"

The ADHD diagnosis has acquired the status of a fad and is often given too casually and inclusively. Conflation between two distinct classes of clinical phenomena, hyperactivity and exploratory behavior, is a common source of ADHD overdiagnosis. Inspired by early insights by Oliver Sacks, we examine the relationship between frontal-lobe syndromes, Tourette syndrome, and Parkinson's disease. This synthesis leads to a new understanding of Tourette syndrome and helps identify its distinct subtypes. These subtypes are caused, respectively, by predominant dysregulation in the left vs right fronto-striatal systems, and result in the preponderance of tics vs excessive exploratory behaviors. We examine the difference between hyperactivity and excessive exploratory behavior, and the potential for diagnostic confusion between ADHD and Tourette if this difference is ignored.

### Date and time:

February 25, 2021 (Thursday) from 2pm to 5:15pm Eastern Time (1pm – 4:15pm Central Time, 11am – 2:15pm Pacific Time)

February 27, 2021 (Saturday) from 12pm to 3:15pm Eastern Time (11am – 2:15pm Central Time, 9am – 12:15pm Pacific Time)

### Topics to be covered:

Overdiagnosis of ADHD.

A source of overdiagnosis: conflation of hyperactivity and exploratory behavior. What is the difference?

Are the diagnostic criteria for ADHD too broad?

Duality of symptoms in Tourette syndrome: tics vs exploratory behavior.

Are the diagnostic criteria for Tourette too narrow?

The triple-decker: Frontal lesions, Tourette syndrome, and Parkinson's disease.

Introducing "hemi-Tourette" subtypes.

Clinical features of "hemi-Tourette" subtypes.

Clearing up the diagnostic confusion between Tourette and ADHD.

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## ABOUT THE INSTRUCTOR



The webinar will feature Elkhonon Goldberg, Ph.D., ABPP., a clinical neuropsychologist and cognitive neuroscientist, Clinical Professor in the Department of Neurology, NYU School of Medicine and Diplomate of The American Board of Professional Psychology in Clinical Neuropsychology.

Elkhonon Goldberg, Ph.D., ABPP authored numerous research papers on functional cortical organization, hemispheric specialization, frontal lobe functions and dysfunction, memory and amnesias, traumatic brain injury, dementias, and schizophrenia. Goldberg's books *The Executive Brain* (2001), *The Wisdom Paradox* (2005), and *The New Executive Brain* (2009) have met with international acclaim. He coauthored *The SharpBrains Guide to Cognitive Fitness* (2013). He was a student and close associate of the great neuropsychologist Alexander Luria.

Dr. Goldberg's more recent books are:

1. **Creativity: The Human Brain in the Age of Innovation** (Oxford University Press, 2018)
2. **Executive Functions in Health and Disease** (Academic Press, 2017)