

Webinar by Elkhonon Goldberg, PhD

Luria Neuroscience Institute (LNI) and its not-for-profit arm Luria Scientific Foundation (LNF) were founded in 2011 with the broad purpose of advancing research in cognitive neuroscience and neuropsychology, and disseminating knowledge in these areas. Fostering international scientific and educational collaborations is among LNI's priorities. The Institute has been named in honor of Alexander Luria, one of the founding fathers of modern neuropsychology as a scientific discipline. LNI is based in New York City and is directed by Elkhonon Goldberg, a student and close associate of Alexander Luria.

WEBINAR "TOURETTE, ADHD, AND THE LEGACY OF OLIVER SACKS"

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 introduces the concept of "hemi-Tourette" variants. These variants are caused, respectively, by dysregulation in the left vs right fronto-striatal systems, and result in tics vs excessive exploratory behaviors. We examine the difference between excessive exploratory behavior and hyperactivity, and the potential for diagnostic confusion between Tourette and ADHD if this difference is not understood.

Date and time:

November 19, 2020 (Thursday) from 2pm to 5:15pm Eastern Time (1pm – 4:15pm Central Time, 11am – 2:15pm Pacific Time)

November 21, 2020 (Saturday) from 12pm to 3:15pm Eastern Time (11am – 2:15pm Central Time, 9am – 12:15pm Pacific Time)

Topics to be covered:

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

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

Difference between excessive exploratory behaviors and hyperactivity.

Introducing "hemi-Tourette" variants.

Clinical features of "hemi-Tourette" variants.

Clearing up the diagnostic confusion between Tourette and ADHD.

To register please visit our website [HTTPS://LNINSTITUTE.ORG](https://lninstitute.org)

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)