

# *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 FOR AUSTRALASIAN REGION "COVID-19 AND BRAIN DYSFUNCTION: EVOLVING UNDERSTANDING"**

### **Date and time:**

August 8, 2020 (Saturday) from 1pm to 4pm Australian Eastern Standard Time

### **Topics to be covered:**

COVID-19 pandemic and the brain.

Brain as the target of COVID-19.

Direct vs indirect mechanisms of brain damage in COVID-19.

Primary mechanisms of brain infection: transsynaptic vs hematogenous.

Mechanisms of infection: the role of ACE2 receptor.

COVID-19 and immune response.

Clinical neurological and neuropsychiatric manifestations of COVID-19.

Introducing "Neuro-COVID".

Long-term sequelae of Neuro-COVID.

Other coronaviruses and the brain: SARS, MERS.

Other viruses and the brain: HIV, and HSV.

**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)