

# About

## LURIA NEUROSCIENCE INSTITUTE ANNOUNCES 8-DAY ONLINE WORKSHOP

### "BRAIN AND COGNITION IN HEALTH AND DISEASE"

48 CE credits are offered for completion of the 8-day program (6 CE credits per day) for most mental health professions (see more information on [www.lnstitute.org](http://www.lnstitute.org)).

**CE credits:** 48 for 8 days / 6 per day for a 6-hour long event.

**Time:** 11am - 6pm EST (10am - 5pm CST / 8am - 3pm PST), with a lunch break and 2 short breaks.

**Dates:** November 10, November 11, November 24, November 25, December 8, December 9, December 15, December 16, 2018.

**Fee:** \$3,360 for an 8-day sequence / \$450 for a single day (6 hours) participation. There is a separate \$8 processing fee per day / 6 CE credits charged by CE credit sponsor R. Cassidy Seminars.

### ABOUT THE INSTRUCTOR



The workshops 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). A sought-after educator, he has lectured worldwide. Elkhonon Goldberg was a student and close associate of the great neuropsychologist Alexander Luria.

Dr. Goldberg has published 2 new books:

1. **Creativity: The Human Brain in the Age of Innovation** (Oxford University Press; 1 edition. February 1, 2018)
2. **Executive Functions in Health and Disease** (Academic Press; 1 edition; July 12, 2017)

# Workshops

## November 10, 2018

1. Basic functional neuroanatomy. Major brain structures and neurotransmitters and their contributions to neural computation.
2. Perception and perceptual disorders. Agnosias, cerebral hemispheres, and distributed mechanisms of perception.

## November 11, 2018

1. Motor functions and motor disorders. Apraxias and hierarchic organization of motor control and action.
2. Language and language disorders. Aphasias and distributed nature of the mechanisms of language.

## November 24, 2018

1. The deciding brain. Neural mechanisms of executive functions of the frontal lobes and dysexecutive syndromes.
2. The bicameral brain. Structural and functional hemispheric asymmetries. Novel approaches to hemispheric specialization.

## November 25, 2018

1. The emotional brain. Limbic and cortical contributions to emotional regulation. Laterality and emotional control.
2. Attention and attentional disorders. Voluntary attention and ADHD. Automatic attention and hemiinattention.

## December 8, 2018

1. Arousal and attention.
2. Memory and amnesias. Neuroanatomical components of memory circuits. Types of memory and amnesias.
3. Cognitive aging and neuroplasticity. Current concepts of neuroplasticity. Factors behind healthy cognitive aging.

## December 9, 2018

1. Major dementias. Alzheimer's type, Lewy body, frontotemporal, cerebrovascular, and mixed. Mild Cognitive Impairment (MCI) and its relationship to dementias.
2. Cerebrovascular disorders. Cerebrovascular accident (CVA) and transient ischemic attack (TIA). Aneurisms and AVM's.

## December 15, 2018

1. Traumatic Brain Injury (TBI). Neuroanatomy, subtypes, natural history, cognitive profiles, and diagnosis. Forensic aspects of TBI.
2. Neuropsychiatric disorders. Schizophrenias and affective disorders. Diagnostic and differential diagnosis issues.

# Workshops

## December 16, 2018

1. Neurodevelopmental disorders. Dyslexias, non-verbal learning disabilities, autism, ADHD, Tourette's syndrome.
2. Infectious diseases of the brain. Bacterial (Lyme), viral (HIV and Herpes Simplex), prion (Jacob-Kreuzfeld) encephalopathies.
3. Seizures and their effect on cognition. Classification, neurobiology, and cognitive profiles. Diagnostic and differential diagnosis issues.
4. Neoplasms and their effects on cognition. Types of brain tumors and their effects on cognition.
5. Movement disorders. Parkinson's disease, Huntington's disease, ALS and their effects on cognition.
6. Addictions and substance abuse. Alcohol abuse and Korsakoff syndrome.

**Time:** 11am - 6pm EST (10am - 5pm CST / 8am - 3pm PST), with a lunch break and 2 short breaks.

Exact mapping of topics into dates and time slots may not always be possible, as some topics may be longer or shorter than implied.

To register online or for more information visit [lnstitute.org](http://lnstitute.org)

### Fax / Mail Registration Form 2018

8 days     Selected days:

Full Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Check (in US funds)  payable to Luria Neuroscience Institute

Credit Card  Visa  Mastercard  American Express  Discover

Amount to charge to my credit card \$ \_\_\_\_\_ US

Credit card number \_\_\_\_\_

Credit card expiration date \_\_\_\_\_ / \_\_\_\_\_ (month / year)

CVV (card security code: 3 digits on the back of MC / Visa / Discover or 4 digits on the front of AmEx card) \_\_\_\_\_

Signature \_\_\_\_\_

Mail to 315 West 57th Street, Ste 401, New York, NY 10019 or fax 8009065866