About

LURIA NEUROSCIENCE INSTITUTE (LNI) is dedicated to advancing and disseminating knowledge about the brain and the mind. Bridging the gap between clinicians, educators, neuroscientists, and the general public through a vigorous exchange of ideas and information is central to our mission. LNI is named after the great neuropsychologist Alexander Luria.

LURIA NEUROSCIENCE INSTITUTE PRESENTS FOUR VIDEO COURSES ABOUT THE BRAIN AND THE **MIND**

- 1. Executive Functions and the Frontal Lobes
- 2. Executive Dysfunction in Brain Disorders
- 3. Laterality and Functional Organization of the Brain
- 4. Laterality and Brain Dysfunction

3 CE Credits are being offered for each of the programs for most mental health professions.

The video courses are recordings of live webinars which took place in November - December 2014. Each video course is a 3-hour long.

ABOUT THE INSTRUCTOR



The courses are taught by Elkhonon Goldberg, Ph.D., ABPP. Goldberg is a cognitive neuroscientist, a practicing neuropsychologist, and an educator who lectures worldwide. He is a Clinical Professor, Department of Neurology, NYU School of Medicine and a Diplomate of The American Board of Professional Psychology in Clinical Neuropsychology.

Goldberg authored research papers on cortical organization, hemispheric specialization, frontal lobes, memory, traumatic brain injury, dementias, schizophrenia, and other topics. Goldberg's books The Executive Brain (2001), The Wisdom Paradox (2005), and The New Executive Brain (2009) have been translated into 16 languages. He coauthored The SharpBrains Guide to Cognitive Fitness (2013) and is the Chief Scientific Adviser of www.sharpbrains.com. Goldberg is a recipient of The Copernicus Prize for "contributions to interdisciplinary dialogue between neurosciences and neuropsychology," and The Tempos Hominis medal "for international medical sciences education." He is a foreign member of The Venetian Institute of Science, Literature and Arts. Elkhonon Goldberg was a close associate of Alexander Luria.

THE HUMAN BRAIN ANS BRAIN DISORDERS **OFFERED IN 2015** COURSES



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www.lninstitute.org

THE HUMAN BRAIN

AND **BRAIN DISORDERS**

Online courses presented by Elkhonon Goldberg, Ph.D., ABPP



Luria Neuroscience Institute

Advancing and Disseminating Knowledge about the Brain and the Mind

Courses

Info

Video Course 1:

Executive Functions and the Frontal Lobes

CE Credits:

3 for a 3-hour long homestudy program.

Topics covered:

- 1. Executive functions and frontal-lobe functions: are they the same?
- 2. Components of executive functions (planning, impulse control, working memory, and others).
- 3. Novel approaches to understanding the frontal-lobe functions.
- 4. Executive functions, laterality, and sex differences.
- 5. Regulation of emotions: frontal lobes and amygdala.
- 6. Executive functions in development and aging.

Video Course 2:

Executive Dysfunction in Brain Disorders

CE Credits:

3 for a 3-hour long homestudy program.

Topics covered:

- 1. Executive dysfunction in neurodevelopmental disorders (ADHD, Tourette's Syndrome).
- 2. Executive dysfunction in dementias (Alzheimer's disease, Lewy body dementia, Fronto-temporal dementia).
- 3. Executive dysfunction in cerebrovascular disorders (CVA, aneurisms).
- 4. Executive dysfunction in traumatic brain injury (reticulo-frontal disconnection syndrome).
- 5. Executive dysfunction in neuropsychiatric disorders (schizophrenia, affective disorders).
- 6. Executive dysfunction in movement disorders (Parkinson's disease, Huntington's disease).

Video Course 3:

Laterality and Functional Organization of the Brain

CE Credits:

3 for a 3-hour long homestudy program.

Topics covered:

- 1. Where the traditional notions of hemispheric specialization got it wrong.
- 2. Functional laterality and brain anatomy.
- 3. Novel approaches to hemispheric specialization.
- 4. How the two hemispheres develop and age.
- 5. Laterality and gender and handedness differences.
- 6. Laterality and regulation of emotions.

Video Course 4:

Laterality and Brain Dysfunction

CE Credits:

3 for a 3-hour long homestudy program.

Topics covered:

- 1. Laterality and learning disabilities (dyslexias vs NVLD).
- 2. Laterality and dementias: Is fronto-temporal dementia lateralized?
- 3. Laterality and striatal disorders (Parkinson's disease and Tourette's syndrome).
- 4. Major cerebrovascular disorders and cerebral hemispheres.
- 5. Laterality and neuropsychiatric disorders: Schizophrenia and the left hemisphere.
- 6. Laterality and differential functional breakdown threshold.

To register online or for more information visit lninstitute.org

- ✓ Our programs are presented by experts in their fields.
- ✓ No special equipment or software is needed and you can even watch them on **mobile devices**.

The Luria Neuroscience Institute will be offering a wide range of educational programs about the brain, cognition and neurocognitive disorders in various formats. The topics will include dementias, traumatic brain injury, neurodevelopmental and neuropsychiatric disorders, and other topics of interest to mental health professionals. We will be offering both webinars and day-long workshops. Our previous programs have attracted psychologists, psychiatrists, and educators. We always welcome your feedback and suggestions about future topics. Please continue to visit our website for updates.

To register online or for more information visit lninstitute.org

Fax / Mail Registration Form
 [] Executive Functions and the Frontal Lobes [] Executive Dysfunction in Brain Disorders [] Laterality and Functional Organization of the Brain [] Laterality and Brain Dysfunction
For one course \$95; for two \$180; for three \$255; for four \$320.
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
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