

From: Luria Neuroscience Institute <info@lninstitute.org>

To: Dr. Jeffrey Epstein <[REDACTED]>

Subject: New Courses "Brain and Cognition" and "Major Neurocognitive Disorders"

Date: Thu, 02 Feb 2017 19:28:26 +0000

Laterality in Health and Disease

Dear Dr. Jeffrey Epstein,

The Luria Neuroscience Institute invites you to attend two **4-day lecture series** that cover a wide range of topics on the relationship between the brain and the mind in health and disease. The programs are intended primarily for professionals concerned with **mental health and with brain and brain disorders**.

28 Continuing Education Credits for each 4-day sequence will be awarded (7 CE credits per day). The fee for a 4-day course is \$1980 (\$495 per day). A separate CE credits processing fee charged by CE credit sponsor applies.

Location: Luria Neuroscience Institute, 315 West 57th Street, Ste 401, New York, NY 10019.

1. Brain and Cognition: A Cognitive Neuroscience Lecture Series

Date: March 18, April 29, May 20, June 17, 2017 (all Saturdays).

Time: 9am - 6pm (with a lunch break and two short breaks).

2. Major Neurocognitive Disorders: A Clinical Neuropsychology Lecture Series

Date: March 19, April 30, May 21, June 18, 2017 (all Sundays).

Time: 9am - 6pm (with a lunch break and two short breaks).

Topics to be covered:

1. **Brain and Cognition** (Saturdays: March 18, April 29, May 20, June 17)
 - Basic functional neuroanatomy.
 - Neural mechanisms of perception and perceptual disorders.
 - Neural mechanisms of motor functions and its disorders.
 - Neural mechanisms of language and language disorders.
 - The deciding brain: Neural mechanisms of executive functions of the frontal lobes and dysexecutive syndromes.
 - The bicameral brain: Laterality and hemispheric specialization.
 - Intelligence.
 - The creative brain.
 - The emotional brain.
 - Neural mechanisms of arousal and attention, and attentional disorders.
 - Neural mechanisms of memory and amnesias.
 - Brain development, brain aging, and current concepts of neuroplasticity.


2. Major Neurocognitive Disorders (Sundays: March 19, April 30, May 21, June 18)

- Major dementias: Alzheimer's type, Lewy body, Frontotemporal, cerebrovascular, Mild Cognitive Impairment (MCI). Their neurobiology, natural history, cognitive profiles and variants. Diagnostic and differential diagnosis issues.
- Cerebrovascular disorders. Cerebrovascular accident (CVA) vs. transient ischemic attack (TIA). Aneurysms and AVM's. Their subtypes and effects on cognition.
- Traumatic Brain Injury (TBI) and its different types. Neuroanatomy, natural history, cognitive profiles, and diagnosis. Forensic aspects of TBI.
- Neuropsychiatric disorders: schizophrenias and affective disorders. Their neurobiology, subtypes, natural histories, and cognitive profiles. Diagnostic and differential diagnosis issues.
- Neurodevelopmental disorders: dyslexias, non-verbal learning disabilities, memory-based learning disabilities, autism, ADHD, Tourette's syndrome. Their neurobiology, subtypes, natural histories, and cognitive profiles. Diagnostic and differential diagnosis issues.
- Infectious diseases of the brain. Bacterial and viral encephalopathies: Lyme disease, Herpes Simplex encephalopathy, HIV encephalopathy. Their neurobiology, subtypes, natural histories, and cognitive profiles. Diagnostic issues.
- Seizures and their effect on cognition. Their classification, neurobiology, and cognitive profiles. Diagnostic and differential diagnosis issues. Temporal lobe seizures.
- Neoplasms and their effects on cognition. Types of brain tumors: malignant vs. "benign." Their classification and effects on cognition.
- Movement disorders and their cognitive component: Parkinson's disease, Huntington's disease, ALS. Their neurobiology, natural history, and cognitive profiles. Diagnostic and differential diagnosis issues.
- Addictions and substance abuse. The effects of various illicit substances on the brain. Alcohol abuse and Korsakoff syndrome.
- Forensic aspects of clinical neuroscience. Review of typical issues where clinical neuroscience and law intersect.
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[Click here to view the brochure \(PDF file, 670 KB\).](#)

Read the full description and register today at [Luria Neuroscience Institute](#).

About the speaker:

 Elkhonon Goldberg, Ph.D., ABPP 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 been

translated into 18 languages. 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.

Luria Neuroscience Institute

315 West 57th Street, Ste 401

New York, NY 10019

Phones: [REDACTED]

Fax: [REDACTED]

Web: www.lninstitute.org

Email: [REDACTED]

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