

**From:** Luria Neuroscience Institute [REDACTED]

**To:** Dr. Jeffrey Epstein <jeevacation@gmail.com>

**Subject:** Apr 29: Courses Brain and Cognition and Major Neurocognitive Disorders

**Date:** Wed, 19 Apr 2017 12:41:27 +0000

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## Laterality in Health and Disease

### Dear Dr. Jeffrey Epstein,

The Luria Neuroscience Institute invites you to attend two **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**.

7 Continuing Education Credits for each day will be awarded.

The fee is \$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:** 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:** 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: 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: 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, , ABPP The workshops will feature **Elkhonon Goldberg, , 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, , 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*



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