

# About

WE ARE PLEASED TO ANNOUNCE A PARTNERSHIP BETWEEN THE LURIA NEUROSCIENCE INSTITUTE AND JACARANDA CONSULTANTS (INDONESIA).

## LURIA NEUROSCIENCE INSTITUTE ANNOUNCES WEBINARS ABOUT THE BRAIN AND THE MIND:

1. Executive Functions and the Frontal Lobes
2. Dementias
3. Creativity and Cognition
4. Creativity and the Brain

- ✓ Our webinars are **live events** presented by **experts** in their fields.
- ✓ No special equipment or software is needed and you can even participate on **mobile devices**.

## 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)

# Webinars

## Webinar 1: Executive Functions and the Frontal Lobes

**Date:** June 1, 2019.

**Time:** 9am - 12pm (noon), Jakarta time.

**Fee:** \$60 for a 3 hours long webinar.

Topics to be 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. Frontal lobes and large-scale networks (Central Executive, Default Mode, and others).
5. Executive functions and laterality.
6. Executive functions and sex differences.
7. Regulation of emotions: frontal lobes and amygdala.
8. Executive functions and intelligence.
9. Executive functions in development and aging.

## Webinar 2: Creativity and Cognition

**Date:** June 15, 2019.

**Time:** 9am - 12pm (noon), Jakarta time.

**Fee:** \$60 for a 3 hours long webinar.

Topics to be covered:

1. Creativity and society. Innovator vs consumer.
2. Creativity deconstructed. Building blocks of creativity.
3. Innovation, salience, and how they interact in the creative process.
4. Creativity and intelligence. Are they linked and when do they become uncoupled?
5. Creativity and psychopathology: Affective disorders, FTD, and other conditions.
6. Enhancing creativity? Creativity as the new focus of educational process.
7. Evolutionary roots of creativity. Defining and studying creativity in other species. Creativity and artificial intelligence.

# Webinars

## Webinar 3: Creativity and the Brain

**Date:** June 29, 2019.

**Time:** 9am - 12pm (noon), Jakarta time.

**Fee:** \$60 for a 3 hours long webinar.

Topics to be covered:

1. Facts and fads of creativity. No single locus in the brain.
2. Creativity, novelty, and the right hemisphere.
3. Salience, decision making, and the frontal lobes.
4. "Standing on the shoulders of giants" and the left hemisphere.
5. Perspiration and inspiration: hyperfrontality and hypofrontality.
6. Creativity and the genes: candidate genes and whole genome.
7. Group creativity: How different brains can work better together.

## Webinar 4: Dementias

**Date:** July 6, 2019.

**Time:** 9am - 12pm (noon), Jakarta time.

**Fee:** \$60 for a 3 hours long webinar.

Topics to be covered:

1. Epidemiology and demographics of dementias.
2. Alzheimer's disease: neurobiology, epidemiology, natural history, neurocognitive characteristics, and diagnosis.
3. Lewy body dementia and Parkinson's disease.
4. Fronto-temporal dementia and Korsakoff's syndrome.
5. Mild Cognitive Impairment and its relationship to dementias. Diagnosis, differential diagnosis, and misdiagnosis.
6. Memory impairment in dementias and the fallacy of old diagnostic criteria. Executive impairment in dementias: still underrecognized.
7. Arousal impairment in dementias. Changes in the epidemiology of dementias and possible causes behind them.
8. Cognitive aging: its characteristics, protective factors, and risk factors. Cognitive enhancement and surrounding controversies.

To register online or for more information visit  
<https://LNinstitute.org/webinars-id>