

## Golberg Brain-Mind Symposia Present "EXECUTIVE FUNCTIONS AND DYSFUNCTION IN BRAIN HEALTH AND BRAIN DISORDERS FRONTAL LOBES, DISTRIBUTED NETWORKS, AND THE WHOLE BRAIN"

August 19 - 23, 2024, Tamarindo, Costa Rica

- get trained by the world-class experts
- network with other attendees
- combine learning with a vacation of a lifetime

**Dates:** August 19 – 23, 2024.

**Time:** 8:30 am – 12:30 pm with breakfast from 8:30am to 9:00am and a coffee break from 10:30am to 11:00am. There will be an opportunity for the participants to continue discussions in small groups after the lectures.

**Location:** conference room at Tamarindo Diria Beach Resort.

**CE credits:** 15 for 5 days.

**Fee:** \$1175 for the 5-day program (travel and hotel expenses are not included). In the unlikely case of program cancellation, a full refund will be issued for the program tuition only.

### ABOUT THE SPEAKER



**Elkhonon Goldberg, Ph.D., ABPP/ABCN**, is the Founding Director of Luria Neuroscience Institute and Goldberg Brain-Mind Symposia.

He is a diplomate of The American Board of Professional Psychology / American Board of Clinical Neuropsychology with over 40

years of experience in neuropsychological diagnosis, cognitive rehabilitation, and forensic neuropsychology.

His critically acclaimed and bestselling books have been published in 24 languages.

Elkhonon Goldberg, Ph.D., Founding Director of Brain-Mind Symposia, has a long-standing relationship with Latin America. Over the years, Goldberg has grown fond of Costa Rica with its beautiful beaches, lush rainforests, its many natural preserves and rich fauna, with several species of monkeys, parrots and iguanas.

Unlike some other countries of the region, Costa Rica is a functioning democracy, stable, and peaceful country. Costa Rica sometimes referred to as the Switzerland of Central America.

### August 19, 2024

Evolution of the brain: from thalamus to neocortex. Evolution of neuropsychology: from loci to networks. What is wrong with the classic view of hemispheric specialization. New approaches to hemispheric specialization: Cognitive novelty vs cognitive routines. Hemispheric specialization across species, including humans. Sex (or gender?) differences and cerebral hemispheres. Why this is important for clinicians. Emotions, cerebral hemispheres, and neurostimulation for depression. Q & A.

### August 20, 2024

Frontal lobes in evolution. Executive functions and their components. The triple-decker: frontal lobes, striatum, and the dopamine systems. Neural basis of executive functions. Subdivisions of the frontal lobes. Major frontal-lobe syndromes: dorsolateral, orbitofrontal, reticulo-frontal, and others. Decision making in ambiguous environments. Agent-centered decision making. How animal research helps understand human working memory. Q & A.

### August 21, 2024

Neuroscience of creativity. Neuroimaging and genetic findings. Hyperfrontality and hypofrontality in the normal and abnormal brain. Intelligence and the brain. "IQ intelligence" vs real-life intelligence. Arousal, attention, and consciousness. Voluntary vs automatic attention and their disorders. ADHD and dysexecutive syndrome. "Memory based learning disability" – a neglected syndrome. Q & A.

### August 22, 2024

Connecting the dots between disparate disorders: frontal lesions, Parkinson's disease and Tourette syndrome. Rethinking Tourette syndrome and ADHD. Cognitive impairment in Alzheimer's disease. Why executive deficit is often overlooked. Lewy body dementia and Parkinson's disease: merely related or variants of the same disorder? Frontotemporal dementia and its variants: separate until they are not. Neuroplasticity and the lifespan: How neurobiology and environment interact in the age of innovation. Q & A.

### August 23, 2024

Cognitive impairment in traumatic brain injury. When "mild TBI" is not so mild. Cognitive impairment in neuropsychiatric disorders: schizophrenia and affective disorders. Connecting the dots again: Schizophrenia and Frontotemporal dementia. "Punding," dopamine, and the mechanisms of addiction. Cross-cultural neuroscience: Why we need it today more than ever. Summing up: What we have learned and future directions. Q & A.

To register online or for more information visit  
<https://goldbergbrainsymposia.org>



### Fax / Mail Registration Form

Please mail a check (in US funds) payable to Goldberg Brain-Mind Symposia, 315 West 57th Street, Ste 401, New York, NY 10019, USA.

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

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

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

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

Credit Card [  Visa [  Mastercard [  American Express

Amount to charge to my credit card \$ **1175.00** \_\_\_\_\_ 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