ON-Demand Webcast

Saturday, August 1, 2020 – Tuesday, September 1, 2020

Participants interested in on-demand, self-study learning including continuing education credit may register to download the recording of the program from Saturday, August 1, 2020 through Tuesday, September 1, 2020. The program plus in-class exercises will be available in four convenient segments.

HOME STUDY RECORDINGS

Valid for CE until January 1, 2022

You may listen to or view the recorded lecture at your convenience and earn home study credit.Expiration date: January 1, 2022

Understanding Neurocognitive Disorders

✓ one:

Interactive Webcast with CE Credit: Monday, July 27, 2020

On-Demand Webcast with CE Credit: August 1, 2020 – September 1, 2020

Purchase of Recordings with Home Study CE Credit: through January 1, 2022

Purchase of Recordings without CE Credit: after January 1, 2022

NURSES: Institute for Brain Potential (IBP) is accredited as a provider of continuing education by the American Nurses Credentialing Center's Commission on Accreditation. Institute for Brain Potential is approved as a provider of continuing education by the Florida Board of Nursing. This program provides 6 hours of contact hours.

PSYCHOLOGISTS: Institute for Brain Potential is approved by the American Psychological Association to sponsor continuing education for psychologists. Institute for Brain Potential maintains responsibility for this program and its content. This program provides 6 CE credits. Institute for Brain Potential is approved as a provider of continuing education by the Florida Board of Psychology. This course provides 6 hours of CE credit.

COUNSELORS, SOCIAL WORKERS & MFTs: Institute for Brain Potential, ACE Approval Number: 5106, is approved to offer social work continuing education by the Association of Social Work Boards (ASWB). Approved Continuing Education (ACE) programs. Organizations offering individual courses, are approved as ACE providers. State and provincial regulatory boards have the final authority to determine whether an individual course may be accepted for credit. Institute for Brain Potential maintains responsibility for this course. ACE provider approved period: 11/13/17 - 11/12/23. Social workers completing this course receive 6 clinical continuing education credits. Social Work Practice Level: Intermediate.

Institute for Brain Potential is approved as a provider of CE by Florida Board of Clinical Social Work, MFT, and Mental Health Counseling, by Florida Department of Professional Regulation MFT CE Sponsor Program, Sponsor #1608035, and by Texas State Board of Examiners of Marriage & Family Therapists, Provider #3500. Institute for Brain Potential (IBP) is recognized by the New York State Education Department's State Board for Social Work as an approved provider of continuing education for licensed social workers. #55-04. Institute for Brain Potential (IBP) is recognized by the New York State Education Department's State Board for Mental Health Practitioners as an approved provider of continuing education by the New York State Board of Mental Health Practitioners. This program is approved for 6 CE credits.

Institute for Brain Potential is approved by the New York State Education Department's State Board for Social Work as an approved provider of continuing education for licensed social workers. #55-04. Institute for Brain Potential (IBP) is recognized by the New York State Education Department's State Board for Mental Health Practitioners as an approved provider of continuing education by the New York State Board of Mental Health Practitioners. This program is approved for 6 CE credits.

Institute for Brain Potential is accepted in the CE database of the Ohio CSWMMT Board. This program provides 6 hours of continuing education.

OCCUPATIONAL THERAPISTS: Institute for Brain Potential is an American Occupational Therapy Association (AOTA) Approved Provider, Provider #9070. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. This program provides 6 contact hours. Content Focus: Domain of OT (Performance Skills) and Occupational Therapy Process (Evaluation). This course is approved by Florida Board of Occupational Therapy for 6 hours of continuing education.

PHARMACIST & PHARMACY TECHNICIANS: This course is approved by Institute for Brain Potential, as a NAAOP Accredited Education Provider, for 6 CEs. NASAPD. Provider #BP-001. Institute for Brain Potential is responsible for all aspects of its programming.

Institute for Brain Potential is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. The interactive webinar is a knowledge-based activity with LANs (952-2000-2001-2244-1 and 952-2000-2001-2604-7). The on-demand webinar and home study CD/DVDs are knowledge-based activities with LANs (952-2000-2001-2244-3 and 952-2000-2001-2604-9). Initial Program Date: 07/19/2019. Planed Revised Date: 01/01/2022. This program provides 6 CE hours (a CEU). Florida Board of Pharmacy Provider #416201 for 6 hours of continuing education.

CHEMICAL DEPENDENCY PROFESSIONALS: This course has been approved by Institute for Brain Potential as a Continuing Education Activity Provider, for 6 CEs. NAADAC. Provider #416201. Institute for Brain Potential is responsible for all aspects of its programming.

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A 6-Hour Program for Health Professionals

Interactive Webcast Schedule: The date of the interactive webcast is Monday, July 27, 2020. 9 AM, Pacific Daylight Time. Sign-in: 8:30 – 9 AM, program starts: 9 AM; lunch break: 11:30 AM, online Q & A: 12 – 12:30 PM, lecture resumes: 12:30 PM, adjournment: 4 PM. Please register early and sign in 30 minutes before the time of the webcast.

On-Demand Webcast Schedule: You may view the program in segments at your convenience from Saturday, August 1, 2020 until Tuesday, September 1, 2020. Registrants who sign up for the live webcast may elect to take the on-demand webcast.

Home Study Schedule: You may listen to or view the recorded lecture at your convenience until the expiration date: January 1, 2022. Self-study credit is available for all California-licensed health professions listed on the brochure except dietitians and massage therapists.

Group Registrations: Rates apply for three or more pre-registered guests enrolling together. Please complete a separate registration form for each person. Members of a group can watch interactive or on-demand webcast, or enter home study recordings on different dates.

Confirmation Notices and Certificates of Completion: We will confirm your registration by email or by letter. Please attend even if you do not receive a confirmation. Successful completion includes full attendance, submission of the evaluation form, and for home study credit, submission of the post-test.

Transfers and Cancellations: Registrants can transfer to another live seminar or webcast if space is available. Registrants canceling up to 48 hours before a seminar or webcast can request a full refund less a $15 processing fee or an audio CD or DVD recording of the program with the instructional outline for home study credit. A half-value voucher can be obtained good for one year for a future program. In the unlikely event that the program cannot be held (e.g., an act of God), registrants will receive free admission to a rescheduled program or a full-value voucher, good for one year, for a future program. All requests must be made in writing or online. No IBP program has ever been cancelled as the result of low attendance.

User-Friendly Technical Support: If you are not computer savvy, we can help. Just call us anytime at (650) 458-5532. We have presented webcasts to over 100,000 health professionals since 2013.

Institute for Brain Potential: Since 1984, our non-profit organization (tax ID 77-0026830) has presented informative and practical seminars. IBP is the leading provider of accredited programs concerning the brain and behavioral sciences.

Understanding Neurocognitive Disorders
Cognitive Abilities

- **The Split-Brain Operation**: two autonomous minds within one skull.
- **Temporal Lobes**: lateralized aspects of listening, remembering, and comprehending; memory for faces, voices, and music.
- **Parietal Lobes**: lateralized aspects of mapping the body, spatial navigation and awareness, and role in calculation.
- **Frontal Lobes**: executive functions include planning, attention, motivation, social and emotional reasoning and impulse control.
- **Memory and Amnesia**: what I need to remember right now (working memory), what just happened (short-term memory), long-term memory for events, names, places, and concepts; effects of sleep and caffeine on memory; different types of memory disorders.

Stroke

- **Types of Stroke**: embolic and thrombotic versus hemorrhagic stroke and their pathologies.
- **Aphasia**: impaired repetition, comprehension, verbal expression, and word finding deficits; impaired reading and writing; why calculation is often impaired.
- **Non-Verbal Deficits**: impaired recognition of faces or voices, spatial neglect, and impaired spatial navigation; inability to experience one’s emotions and impaired social and emotional reasoning.

Traumatic Brain Injury

- **Classifications**: effects of sudden acceleration/deceleration as they impact different cortical regions.
- **Focal and Diffuse Injuries**: effects on damage to white matter transmission and gray matter computational functions.
- **Signs and Symptoms**: levels of consciousness; physical, cognitive and emotional symptoms.
- **Chronic Traumatic Encephalopathy**: repetitive but usually subclinical head injuries (e.g., football); cognitive impairments and brain pathology.

Dementia

- **Alzheimer’s Disease**: initial symptoms, especially involving short-term memory; spread of impairment from medial temporal to lateral temporal, parietal and frontal cortices; progression may take decades; keys to early detection; advances in prevention.
- **Frontotemporal Dementia**: initial symptoms often involve altered social conduct, loss of comprehension and progressive difficulty in speech production.
- **Dementia with Lewy Bodies**: often associated with Parkinson’s disease, fluctuating cognition, attention and alertness from day to day; recurrent vivid dreaming and visual hallucinations.
- **Vascular Dementia**: also known as multi-infarct dementia, resulting from minor, often subclinical strokes leading to stepwise cognitive decline; vascular dementia frequently coexists with and contributes to Alzheimer’s disease.

Protecting the Brain

- **Neuroinflammation**: chronic inflammation is identified with elevated risk of stroke, vascular dementia and Alzheimer’s disease; lifestyle strategies.
- **Preventing and Managing Head Trauma**: types of sports at highest risk; domestic violence; preventing head injuries while driving.
- **Stress-Related Neurodegeneration**: depression, elevated cortisol, and associated cognitive impairment affecting memory.
- **Compensation**: neurocognitive scaffolding, cognitive and neural reserve, how the right kinds of stimulating activities (e.g., lifelong learning) can activate previously silent brain areas; separating valid from misleading claims.
- **Role of Exercise and Lifestyle**: what we inherit from the experiences of our parents (epigenetics); brain plasticity in older adulthood; physical exercise and cognitive health; minimizing risk factors for dementia.

ABOUT THE INSTRUCTOR

Mike Yassa, Ph.D., Associate Professor in the Department of Neurobiology and Behavior and Neurology and Director of the Center for the Neurobiology of Learning and Memory at the University of California, Irvine. Dr. Yassa and his colleagues recently discovered that a fragmented, unpredictable connection between mother and child is a key factor that predicts developmental disorders of learning, memory, and impulse control.

Dr. Yassa has received multiple awards including from the National Science Foundation, National Institute on Aging, National Institute on Mental Health, and private foundations.

An inspiring and inspired instructor, Dr. Yassa is one of the most highly rated instructors at Irvine. Dr. Yassa has won awards for research and teaching excellence and teaches programs in human neuropsychology, learning and memory, brain dysfunction and repair.

Dr. Yassa is applauded by health professionals for his ability to communicate complex concepts in readily comprehensible terms and for his warmth and enthusiasm.

Participants will receive a detailed outline developed by Dr. Yassa. In addition to Q & A in class, Dr. Yassa will answer your questions during the second half of the lunch break and by email after the program concludes.