

OVERLAND PARK, KS Monday, April 17
HOLIDAY INN HOTEL AND SUITES OVERLAND PARK - WEST
8787 Reeder St, 66214
(913) 888-8440

JOPLIN, MO Tuesday, April 18
HOLIDAY INN JOPLIN
3402 Arizona Ave, 64804
(417) 624-9000

SPRINGFIELD, MO Wednesday, April 19
UNIVERSITY PLAZA HOTEL AND CONVENTION CENTER
333 S John Q Hammons Pkwy, 65806
(417) 864-7333

COLUMBIA, MO Friday, May 5
HAMPTON INN AND SUITES - COLUMBIA (AT THE UNIVERSITY)
1225 Fellows Place, 65201
(573) 214-2222



ANXIETY, SLEEP, AND THE BRAIN

LIVE SEMINAR (✓ONE)

- Overland Park, Apr 17 Joplin, Apr 18
 Springfield, Apr 19 Columbia, May 5

UNABLE TO ATTEND?

PURCHASE RECORDINGS WITH HOME STUDY CE CREDIT (✓ONE)

- CDs DVDs Online

Name (PLEASE PRINT) _____

Home Address _____

City/State _____ Zip _____

Work Phone (____) _____ Home Phone (____) _____

Email _____

Profession(s) _____

TUITION

- \$84 Individual Rate
 \$79 Group Rate (3 or More Persons Registering Together)
 \$94 On-Site Registration (if space is available)
 \$29 *Training Your Brain To Adopt Healthful Habits* (2019) (296 pages)
 — a text that explains how the brain forms new habits that can be
 attained and maintained to promote better sleep. Preorder the book to
 receive it onsite at this discounted rate.

FOUR WAYS TO REGISTER

1. Internet: www.ibpceu.com
2. Mail: PO Box 201431, Arlington, TX 76006 (make check payable to IBP)
3. Fax: (877) 517-5222
4. Phone: (866) 652-7414 (open 24 hours a day, 7 days a week)

Purchase orders are accepted. IBP tax identification number: 77-0026830

All major credit cards are accepted:

Card # _____ Exp Date _____ / _____

Signature _____

PLEASE POST



ANXIETY, SLEEP, AND THE BRAIN

OVERLAND PARK, KS: Monday, April 17

JOPLIN, MO: Tuesday, April 18

SPRINGFIELD, MO: Wednesday, April 19

COLUMBIA, MO: Friday, May 5

- Topics Include:**
- Attaining Restorative Sleep
 - Nutrition for Better Sleep
 - Brain-Protective Sleep Habits

A New 6-Hour Program, Spring, 2023: \$84



ANXIETY, SLEEP, AND THE BRAIN

A 6-Hour Program for Health Professionals

LIVE SEMINARS

Schedule: Check-in: 8:15–9 AM, program starts: 9 AM, lunch (on own): 11:30 AM, Q & A and discussion with instructor: 12-12:30 PM, lecture resumes: 12:30 PM, adjournment: 4 PM. Some programs sell out. Please register early.

Group Registration: The discount is for three or more guests enrolling together prior to the seminar date. Please complete a separate registration form for each person.

Transfers: You or members of your group can attend on different dates if there is space.

Parking: Complimentary parking is available unless indicated in the brochure.

Unable to Attend? You have three options: 1) Transfer to an alternate location, space permitting, 2) Receive a full-value voucher for any live or recorded lecture for up to a year, or 3) Request a full refund minus a \$15 fee. Refund requests should be made in writing or by e-mail at refund@ibpceu.com.

Rescheduling: In the unlikely event a seminar cannot be held (e.g., unforeseeable Covid restrictions), it will be rescheduled. No IBP seminar has ever been canceled as the result of low attendance.

Certificates and Confirmations: Certificates of completion are provided at the time of adjournment; successful completion includes full attendance and submission of the evaluation form. No partial credit is given. Confirmation notices are emailed or mailed.

RECORDED PROGRAMS

CDs and DVDs: Delivered to you within 5-7 workdays.

Online: Play or download on all devices. Need help? Call (866) 652-7414.

CE Credit: National/state boards approved CE is available for most health professions including nursing, psychology, social work, counseling, MFT, dental, and pharmacy. View CE approvals and additional information for this home study program at: <http://www.ibpceu.com/info/sleep.pdf>

DEDICATED 24/7 CUSTOMER SERVICE

Call (888) 202-2938 or email info@ibpceu.com to inquire about course content or instructors, request disability accommodations, or submit a formal grievance. To register, call (866) 652-7414.

THE IBP EXPERIENCE

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.

ANXIETY, SLEEP, AND THE BRAIN



NURSES: Institute for Brain Potential (IBP) is accredited as a provider of nursing continuing professional development by the **American Nurses Credentialing Center's Commission on Accreditation**. This program provides 6 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.



COUNSELORS & MARRIAGE AND FAMILY THERAPISTS: Institute for Brain Potential has been approved by NBCC as an Approved Continuing Education Provider, ACEP No. 6342. Programs that do not qualify for NBCC credit are clearly identified. Institute for Brain Potential is solely responsible for all aspects of the programs. This program provides 6 CE clock hours.



SOCIAL WORKERS: Institute for Brain Potential, ACE Approval Number: 1160, is approved to offer social work continuing education by the Association of Social Work Boards (ASWB) Approved Continuing Education (ACE) program. Organizations, not 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 continuing education credit. Institute for Brain Potential maintains responsibility for this course. ACE provider approval period: 11/11/20 – 11/11/23. Social workers completing this course receive 6 clinical continuing education credits. Social Work Practice Level: Intermediate.



CHEMICAL DEPENDENCY PROFESSIONALS: This course has been approved by Institute for Brain Potential, as a NAADAC Approved Education Provider, for 6 CEs. NAADAC Provider #102949, Institute for Brain Potential is responsible for all aspects of its programming.



PHARMACISTS AND PHARMACY TECHNICIANS: Institute for Brain Potential is accredited by the **Accreditation Council for Pharmacy Education** as a provider of continuing pharmacy education. This knowledge-based activity provides 6 contact hours (.6 CEUs). UANs: 0492-0000-22-101-L04-P and 0492-0000-22-101-L04-T

DENTAL PROFESSIONALS: This program provides 6 hours of continuing education credit.



PACE
ACADEMY of
GENERAL DENTISTRY
PROGRAM APPROVAL
FOR CONTINUING
EDUCATION

Institute for Brain Potential
Nationally Approved PACE Program Provider
for FAGD/MAGD credit.
Approval does not imply acceptance by any
regulatory authority or AGD endorsement.
12/01/18 to 11/30/24
Provider ID# 312413.
AGD Subject Code: 557.



APPROVED PROVIDER of
CONTINUING EDUCATION
by The American Occupational
Therapy Association, Inc.

OCCUPATIONAL THERAPISTS: Institute for Brain Potential is an American Occupational Therapy Association (AOTA) Approved Provider, #6050. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. This program provides 0.6 AOTA CEUs or 6 contact hours. Content Level: Intermediate. Content Focus: Domain of OT (Areas of Occupation).

NURSING HOME ADMINISTRATORS: Institute for Brain Potential is approved as a provider of CE by the **KS Department of Health and Environment**, Provider# LTS A1269. This program provides 6 CE hours Offering(s) outside of KS have been reviewed by the NCERS of the **NAB** and approved for 6.00 clock hours and 6.00 participant hours.

PHYSICAL THERAPISTS: This program has been approved by the Texas chapter of the **American Physical Therapy Association (APTA)**. The **KS State Board of Healing Arts and MO Advisory Commission for Professional Physical Therapists** accept CE courses approved by APTA chapters of other states. This program qualifies as Category II in KS. This program provides 6 contact hours of CE.

SPEECH-LANGUAGE PATHOLOGISTS: Institute for Brain Potential is approved as a CE provider by **Kansas Department of Health and Environment**, Provider# LTS S1271. This program is designed to be relevant to speech-language pathology and provides 6 contact hours of CE credit.

MESSAGE THERAPISTS: Institute for Brain Potential is approved by NCBTMB as a CE Approved Provider, #450939-09. This course provides NCBTMB-approved 6 CE hours.

CASE MANAGERS: This program has been pre-approved by the **Commission for Case Manager Certification** to provide 6 CE contact hours to CCM® board certified case managers.

PHYSICIAN ASSISTANTS: This educational activity provides 6 hours of Category 2 CME credits.

DIETITIANS: This program is approved by the **KS Department of Health and Environment** for 6 CE hours, Provider# LTS D1270. IBP is a Continuing Professional Education (CPE) Accredited Provider with the Commission on Dietetic Registration (CDR). Registered dietitians (RDs) and dietetic technicians, registered (DTRs) will receive 6 CPEUs for completion of this program. Continuing Professional Education Provider Accreditation does not constitute endorsement by CDR of a provider, program, or materials. Provider Number: BP001. CPE Level: I. Suggested Learning Codes: 1120, 5320, 5420, and 6010.

ALLIED HEALTH PROFESSIONS: Naturopathic Physicians, Veterinarians, Prosthetists, Orthotists, and Chiropractors receive a Certificate of Completion for this 6-hour program. Please contact your regulatory board to determine course approval.

EDUCATORS: educators in KS can earn .5 Semester Hour and in MO can earn 7.5 Contact Hours for successfully completing this program.

Learn how anxiety-related disorders interfere with sleep and how to apply mind-body techniques to improve sleep and protect the aging brain.

Participants completing this 6-hour program should be able to:

1. Name aspects of poor sleep in people with anxiety-related disorders.
2. Identify brain-related impairments associated with insufficient sleep.
3. List cognitive-behavioral and mindful approaches to improve sleep.
4. Discuss nutritional approaches to enhance sleep.
5. Cite guidelines for attaining positive sleep habits.

Sleep Deprivation and Anxiety Disorders

- **A Night of Restorative Sleep:** slow-wave sleep, REM sleep, circadian rhythms, and healthy cortisol rhythm; how much sleep we need, and the epidemic of insufficient sleep.
- **How Anxiety-Related Disorders Interfere with Sleep**
 - Generalized Anxiety Disorder
 - Obsessive Compulsive Disorder
 - Posttraumatic Stress Disorder
 - Mixed Anxiety and Depression
- **The Significance of Different Aspects of Sleep Disturbance**
 - Lying Awake for Extended Time Before Sleep Onset
 - Shallow Sleep Indicated By Stage 1 and 2 Slow-Wave Sleep
 - Multiple Awakenings
 - REM Behavior Disorder, Depression and Parkinson's Disease
 - Difficulty Returning to Sleep
 - Total Sleep Time
 - Excessive Daytime Fatigue
- **Cortisol and Stress-Related Symptoms:** cortisol, the adrenal hormone associated with chronic stress, is elevated with sleep deprivation, and is associated with neuro-inflammation and hypertension.
- **Anxiety and the Vigilant Brain:** increased time lying awake; reduced restorative slow-wave sleep and less total sleep.
- **Anxiety and Depression:** anxiety is associated more with difficulty falling asleep whereas depression is related to early awakening with inability to return to sleep; REM sleep occurring at the time of sleep onset and cortisol suppression.
- **Sleep Loss and Memory Impairments:** how insufficient slow-wave or REM sleep impairs short-term memory, long-term memory and memory for habits.
- **Short-Term Memory Consolidation:** elevated cortisol strips hippocampal neurons of their dendrites.
- **Fear, Anxiety and the Sensitized Amygdala:** elevated cortisol enlarges the amygdala, the brain's "watch dog."
- **Regret, Rumination, and "What If" Thinking:** how a region of the frontal lobes sensitive to aging is critical for producing restorative slow-wave sleep and "what if" thinking.
- **Removal of Neurotoxins:** a key function of restorative slow-wave sleep is the removal of waste products, including beta-amyloid and tau, biomarkers of Alzheimer's Disease.

A Brain-Based Approach to Improve Sleep

- **A New Approach:** by identifying the parts of the brain that impair sleep, optimal mind-body interventions can be practiced.
- **Calming the Alerting System—Tired But Wired:** exercises that help us habituate to the bedroom by mindfully focusing on thoughts, feelings, and sensations to quiet the reticular formation.
- **Reducing Pain:** mind-body approaches to calm the pain matrix.
- **Reducing Hunger:** hormones that keep us awake; low glycemic snacks that help to relax.
- **Cooling the Environment:** to fall asleep, the body must cool itself by 2 degrees; role of room temperature and the hypothalamus.
- **Resetting Circadian Rhythms:** time markers (light-dark, meal time), cortisol rhythm in sleep-phase disorders (e.g., night owls).
- **Reducing Fear:** calming the amygdala by the slower, wiser frontal cortex by visualizing more realistic expectations.
- **Reducing Rumination:** calming the fronto-polar region involved in "what if" reasoning.
- **Reducing Anticipatory Anxiety:** parts of the prefrontal cortex "invent" the future; how a sleep journal can distance us from thoughts that keep us awake.
- **Cognitive-Behavioral Approaches for Insomnia:** CBT engages the parieto-temporal cortices to modify how we think about sleep; the mindset of stress-resilient people.
- **Mindfulness-Based Sleep Meditation:** unfocused attention (open monitoring) involves non-judgmental awareness of sensations, feelings, and thoughts and diminished activity in anxiety-related brain areas.
- **Food, Neurotransmitters, Hormones and Sleep**
 - GABA, gabapentin, sedation, and lavender.
 - Serotonin, tryptophan, and reducing wakefulness.
 - Melatonin: misuse and use for setting the time of sleep onset.
 - Orexin: selected lipids that act like hypnotics.
 - Cortisol: nutritional and botanical modification.
- **Adopting Brain-Protective Sleep Habits of SuperAgers:** how to attain and maintain positive habits.

ABOUT THE INSTRUCTOR

Michele Okun, Ph.D., a psychologist, teaches and is an Associate Professor of Research in the Department of Psychology, University of Colorado, Colorado Springs. She is an expert in the study of disturbed sleep, inflammation, and depression. Dr. Okun has authored or co-authored over three dozen scientific articles and book chapters and has presented her research as an invited speaker at numerous conferences and lectures in the North America and England.

Dr. Okun, the recipient of many honors and awards, is recognized for teaching excellence. Health professionals recommend her outstanding presentations for her personable and stimulating teaching style presented with clinical wisdom, wit, and warmth. In addition to Q & A in class, Dr. Okun will answer your questions during the second half of the lunch break and by email after the program concludes.