

**MOUNT PLEASANT, SC** **Wednesday, February 27**  
 HOTEL INDIGO MOUNT PLEASANT  
 250 Johnnie Dodds Blvd, 29464  
 (843) 884-6000

**COLUMBIA, SC** **Thursday, February 28**  
 MEDALLION CONFERENCE CENTER  
 7309 Garners Ferry Rd, 29209  
 (803) 256-1222

**GREENVILLE, SC** **Friday, March 1**  
 HILTON GREENVILLE  
 45 W Orchard Park Dr, 29615  
 (864) 232-4747

NON-PROFIT  
 U.S. POSTAGE  
**PAID**  
 LOS ALTOS, CA  
 PERMIT #131

PLEASE POST

# CALMING AN OVERACTIVE BRAIN

LIVE SEMINAR (✓ONE)

Mount Pleasant, Feb 27     Columbia, Feb 28     Greenville, Mar 1

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

- \$79 Individual Rate
- \$74 Group Rate (3 or More Persons Registering Together)
- \$89 On-Site Registration (if space is available)
- \$29 \$20 *Training Your Brain To Adopt Healthful Habits* (2019) (296 pages) – a text that helps reduce stress related mental habits. Preorder the book to receive it onsite at this discounted rate.

## FOUR WAYS TO REGISTER

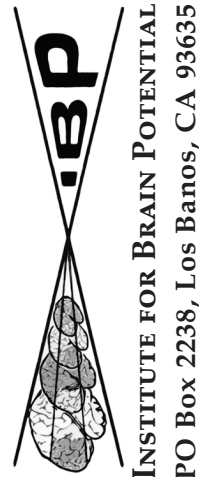
1. Internet: [www.ibpceu.com](http://www.ibpceu.com)
2. Mail: PO Box 2238, Los Banos, CA 93635 (make check payable to IBP)
3. Fax: (877) 517-5222
4. Phone: (866) 652-7414 (open 24 hours a day, 7 days a week)

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

All major credit cards are accepted:

Card # \_\_\_\_\_ Exp Date \_\_\_\_\_ / \_\_\_\_\_

Signature \_\_\_\_\_



# CALMING AN OVERACTIVE BRAIN

**MOUNT PLEASANT:** Wednesday, February 27

**COLUMBIA:** Thursday, February 28

**GREENVILLE:** Friday, March 1

**Topics Include:**

- Chronic Stress
- Calming the Stress Response
- Realistic Worry and Generalized Anxiety

A New 6-Hour Program, Spring, 2019: \$79



# CALMING AN OVERACTIVE 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](mailto:refund@ibpceu.com).

**Rescheduling:** In the unlikely event (less than 1%) a seminar cannot be held (e.g., inclement weather), 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/calming-overactive-brain.pdf>

## DEDICATED 24/7 CUSTOMER SERVICE

Call (888) 202-2938 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.

# CALMING AN OVERACTIVE BRAIN



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



**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. This program counts as Category A for psychologists in SC.



**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. Institute for Brain Potential is an **Illinois Department of Professional Regulation** Approved CE Sponsor for marriage and family therapists, #168.000183. This program provides 6 clock hours of CE credit.



**ACE** approved as a provider for social work continuing education by the Association of Social Work Boards (ASWB) www.aswb.org through the Approved Continuing Education (ACE) Program. Institute for Brain Potential maintains responsibility for the program. ASWB Approval Period: November 11, 2017 – November 11, 2020. Social workers should contact their regulatory board to determine course approval for continuing education credits. Social workers participating in this course will receive 6 clinical continuing education clock hours. Social Work Practice Level: Intermediate.



**CHEMICAL DEPENDENCY PROFESSIONALS:** Institute for Brain Potential is approved by the NAADAC Approved Education Provider Program, Provider #102949. This program provides 6 continuing education hours (CEHs).



**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: UANs: 0492-0000-16-037-L04-P and 0492-0000-16-037-L04-T



**DENTAL PROFESSIONALS:** Institute for Brain Potential is designated as an Approved PACE Program Provider by the Academy of General Dentistry (AGD). The formal continuing dental education programs of this provider are accepted by the AGD for Fellowship/Membership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from 12/01/14 – 11/30/18. Provider ID# 312413. Subject Code: 557. This program is 6 CE hours.



**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 6 contact hours. Content Level: Intermediate. Content Focus: Domain of OT (Performance Skills), Occupational Therapy Process (Outcomes), and Professional Issues (Supervision).

**NURSING HOME ADMINISTRATORS:** Institute for Brain Potential is a *Certified Sponsor* of professional continuing education with the NAB and has approved this program for 6 clock hours under its sponsor agreement with NAB/NCERS. State licensure boards, however, have final authority on the acceptance of individual courses.

**PHYSICAL THERAPISTS:** This program has been approved by the Texas Chapter of the **American Physical Therapy Association (APTA)** for 6 contact hours of continuing education. The **NC Board of Physical Therapy Examiners (NCBPTE)** and the **SC Board of Physical Therapy Examiners** accept courses approved by the APTA chapters of other states. This program provides 6 contact hours.

**SPEECH-LANGUAGE PATHOLOGISTS:** This program is designed to be relevant to speech-language pathologists. Participants will receive a certificate of completion of completing this 6-hour program.

**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:** Institute for Brain Potential is an **Illinois Department of Professional Regulation** Approved CE Sponsor for LDNs, #199.000112. 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, 4090, 5320, and 7020.

**EDUCATORS:** This program provides 7.5 Renewal Units of professional development toward license renewal in SC through a cosponsorship agreement between IBP and Alliant International University, a regionally accredited institution by the Accrediting Commission for Senior Colleges and Universities. Contact your school district if you need prior approval.

*This program presents evidence-based and practical methods to reduce unwanted thoughts, facilitate wellbeing, and improve sleep in patients and health professionals working in medical, dental and psychological settings.*

*Participants completing this 6-hour seminar should be able to:*

- 1. Describe how increasing predictability and control can protect the brain against the toxic effects of chronic stress.*
- 2. Outline how phobic and trauma-based thoughts can be desensitized.*
- 3. Describe how maladaptive thoughts linked to anxiety, anger or sadness can be reframed through Cognitive Behavioral Therapy.*
- 4. Discuss how to effectively manage cravings.*
- 5. Describe how to practice Mindfulness and Positive Psychology to produce present-centered, non-judgmental states that increase positive emotions, facilitate sleep and calm the overactive brain.*

## Understanding the Overactive Brain

- **Chronic Stress:** how cortisol, an adrenal hormone, endangers short-term memory, increases anxiety, perpetuates PTSD, sustains depression, produces eating disorders, and undermines sleep.
- **Calming the Stress Response:** increasing predictability and control over stressful thoughts enables the prefrontal cortex to calm the limbic system and retrain the habit brain, the basal ganglia.
- **Fear-Based Memories:** the amygdala, fear, and insomnia.
- **Medical and Dental Phobias:** systematic desensitization and drugs that inhibit emotional memories, e.g., beta blockers.
- **PTSD:** traumatic memories including medical treatment produces arousal, and flashbacks, impairs sleep and causes people to avoid PTSD-related situations
- **Intrusive Memories and Flashbacks:** hippocampus and replay of traumatic memories; drugs that block unwanted memories.
- **Realistic Worry and Generalized Anxiety Disorder:** activation of the dorsal prefrontal cortex; GABA receptors the limbic system and habit brain; anxiolytics versus SRIs and related drugs.
- **Depression-Related Thoughts:** rumination and cognitions that one's problems are personal, pervasive and permanent; lowered mood, anhedonia, poor concentration, and impaired sleep.
- **Depressed Brain:** low serotonin, norepinephrine and dopamine impair prefrontal planning, motivation, and emotion regulation.
- **OCD Spectrum Disorders:** recurrent thoughts and behaviors of one's body or surroundings, the social brain and the habit brain.
- **Perfectionism:** obsession "I must strive to meet unrealistically high standards and am self-critical when I fail to do so."
- **Thoughts That Keep Us Awake:** memories and temporal and parietal cortices; present-centered thoughts and the limbic system; future-centered thoughts and the prefrontal cortex.
- **The Dark Side of Food Addictions:** carbohydrate-rich foods and serotonin; fatty foods and dopamine; sweets and opioid peptides.
- **Cravings:** addictions for comfort foods, caffeine, alcohol, and prescription and illicit drugs alter the circuits of the habit brain; in anticipation, bingeing, and withdrawal and negative emotions.

## Brain-Based Therapies for Calming an Overactive Brain

- **Fear Conditioning and Extinction:** applying exposure-based therapies, e.g., systematic desensitization, flooding, virtual reality and EMDR; psychological therapies versus antidepressants.
- **Taming the Beast Within:** slow thinking engages the wisdom and thoughtful delay of the prefrontal cortex to deal with anger and disorders of impulse control.
- **Treating Thought Distortions with Cognitive Behavioral Therapy:** how anxiety, anger or sadness are resolved by re-interpreting old problems (reframing), arguing against strongly held beliefs (disputation) and testing assumptions.
- **Mental Approaches to Improving Sleep:** mental exercises that quiet prefrontal areas associated with recurrent emotions, unresolved social issues, planning and pain.
- **Reducing Cravings:** willpower is usually not enough but new habits can reduce immediate gratification and cravings, retrain addiction circuits and help make healthy behavior automatic.
- **Complementary Medicines and Pharmacotherapy:** why many health professionals use complementary medicines to treat anxiety, stress or depression with valerian, kava, SAME and St. John's Wort; comparison with anxiolytics and antidepressants.
- **The Joyful Brain:** the neurobiology of happiness: understanding positive emotions that facilitate stress resilience, healthy forms of mood regulation, calm states of awareness, optimism and humor.
- **Acceptance and Commitment:** learning to accept in others flaws that are unlikely to change and moving on; overcoming the pathology of perfection by accepting our own limitations.
- **Mindfulness:** the calming effects of attending to the present and witnessing thoughts without judging them; using mindfulness to reduce pain, distress and stress.

## ABOUT THE INSTRUCTOR

*Ted Dumas received his Ph.D. in Physiological Psychology from the University of Virginia and is Associate Professor of Molecular Neurobiology at George Mason University. His research concerns ways to protect the brain against the damaging effects of chronic stress in early life, posttraumatic stress in midlife, and disorders of the aging brain. In addition, he is studying how the brain forms new habits.*

*An outstanding and inspiring speaker, Dr. Dumas has presented CE programs for over a decade to nurses, behavioral health and allied health professions. Dr. Dumas communicates key discoveries in terms that are at once clear, practical, and stress-free. Participants receive a detailed outline prepared by the speaker including lecture topics, key references and links. In addition to Q & A in class, Dr. Dumas will answer your questions during the second half of the lunch break and by email after adjournment.*