

Understanding the Gut Brain: Stress, Appetite, Digestion, and Mood

A 6-Hour Home Study Program for Health Professionals

The enteric nervous system, the gut brain, plays a pivotal role in regulating inflammation, stress, metabolism, appetite, and mood.

This unique evidence-based program is designed for health professionals working in medical, dental and behavioral settings and allied health professions.

Participants completing this program should be able to:

1. Describe key functions of the gut brain.
2. List several ways the gut brain regulates appetite.
3. Identify how stress contributes to digestive disorders.
4. Describe how inflammation of the gut can affect mood and anxiety.
5. List several disorders that can be effectively treated with probiotics.

CONTINUING EDUCATION



NURSES: Institute for Brain Potential (IBP) is accredited with distinction as a provider of continuing nursing education by the **American Nurses Credentialing Center's Commission on Accreditation**.

IBP is approved as a provider of continuing education by **California Board of Registered Nursing**, Provider #CEP13896, and **Florida Board of Nursing**. This program provides 6 contact hours.



COUNSELORS, PSYCHOLOGISTS, SOCIAL WORKERS & MFTs: 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. IBP is solely responsible for all aspects of the programs. This program provides 6 clock hours.



Institute for Brain Potential is approved by the **American Psychological Association** to sponsor continuing education for psychologists. IBP maintains responsibility for this program and its content. This program provides 6 CE credits.



IBP, Provider #1160, is approved as a provider for continuing education by the **Association of Social Work Boards (ASWB)**, 400 South Ridge Parkway, Suite B, Culpeper, VA 22701. www.aswb.org. ASWB Approval Period: 11/11/14 – 11/11/17. Social workers should contact their regulatory board to determine course approval. Social workers will receive 6 continuing education clock hours for participating in this course.



IBP is approved as a provider of CE by the **FL Board of Psychology**, by the **FL Board of Clinical Social Work, MFT and Mental Health Counseling**, by the **OH CSWMFT Board**, Provider #RCST030801, by the **IL Dept. of Professional Regulation MFT CE Sponsor Program**, #168.000183, and by **TX State Board of Examiners of MFTs**, Provider #830. This program provides 6 CE hours.



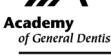
SUBSTANCE ABUSE PROFESSIONALS: Institute for Brain Potential (IBP) is approved by the **NAADAC Approved Education Provider Program**, Provider #102949. IBP is approved by provider by **CCAPP-EI**, Provider Number 4S-09-128-1217. This program provides 6 CEHs.



PHARMACISTS AND PHARMACY TECHNICIANS: IBP is accredited by the **Accreditation Council for Pharmacy Education** as a provider of continuing pharmacy education. This knowledge-based activity is designated for 6 contact hours (0.6 CEUs). UANs: 0492-0000-16-051-H04-P and 0492-0000-16-051-H04-T.



DENTAL PROFESSIONALS: IBP 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/Mastership 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. This program provides 6 hours of CE credit. Subject Code: 557. IBP, Provider #RP-4261, is authorized to confer continuing dental education for Dentists, Dental Hygienists and Dental Assistants by the **Dental Board of California**. IBP is an approved provider with the **FL Board of Dentistry**. This program provides 6 CE hours.



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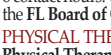
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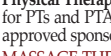
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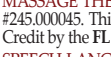
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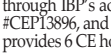
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The Gut Brain: The Mind-Body Connection

- The Hidden Brain
- Inflammation
- Listening to the Gut

Stress, Appetite, and the Gut Brain

- “Starvation” Response
- Diet, Chronic Stress and Cortisol
- Ghrelin: Fulfilling but not Full
- Leptin: Full but not Fulfilling
- Pre-Diabetes and Diabetes
- Foods that Inhibit Ghrelin and Suppress Appetite

Stress and Digestive Disorders

- Stress and the GI Tract
- Inflamed Gut—Inflamed Brain
- Irritable Bowel Syndrome
- Food Allergies
- Inflammatory Bowel Disorders
- Nutritional Approaches

Mood and Anxiety Disorders

- Inflammatory Effects of White Adipose Cells
- Antidepressants and the GI Tract
- Anti-inflammatory Foods
- Anxiety

Understanding and Using Probiotics

- Probiotics
- Immune Disorders
- GI Tract Disorders
- Stress-Related Disorders
- Oral Health
- Prebiotics
- Evidence-Based Guidelines

ABOUT THE INSTRUCTOR



Merrily Kuhn, RN, Ph.D., ND, is an expert in the study of complementary medicines. In her first career, Dr. Kuhn received her doctoral degree in Physiology (SUNY, Buffalo) and wrote extensively on topics including Pharmacotherapeutics: A Nursing Process Approach, Manual of Intravenous Medications, and Manual of Critical Care. Drawing upon her background in nursing, medicine, and physiology, she has reviewed best practices in complementary medicines.

Dr. Kuhn is an outstanding teacher and presenter of continuing education programs for health professionals. In this informative and practical program, participants will receive a detailed outline including updated information on the safety and effectiveness of complementary medicines and nutrients used to treat a wide range of conditions and a consumer's guide to quality control.

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