

# Who Gets Sick and Who Stays Well: Microbes, the Immune System and Brain

## A 6-Hour Home Study Program for Health Professionals



**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**. IBP is approved as a provider of continuing education by the **California Board of Registered Nursing**, Provider #CEP13896, and **Florida Board of Nursing**. 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 credit. Institute for Brain Potential is recognized by the **New York State Education Department's State Board for Psychology** as an approved provider of continuing education for licensed psychologists #PSY-0090. IBP is approved as a provider of continuing education by **FL Board of Psychology**. This course provides 6 contact hours of CE credit.



**COUNSELORS, SOCIAL WORKERS & MFTs:** Institute for Brain Potential, Provider Number: 1160, is approved as an ACE provider to offer social work continuing education by the **Association of Social Work Boards (ASWB)** Approved Continuing Education (ACE) program. Regulatory boards are the final authority on courses accepted for continuing education credit. ACE provider approval period: 11/11/23 - 11/11/26. Social workers completing this course receive 6 clinical continuing education credits.

Institute for Brain Potential is approved as a provider of CE by **FL Board of Clinical Social Work, MFT and Mental Health Counseling** and by **IL Dept. of Professional Regulation MFT CE Sponsor Program**, Sponsor #168.000183. Institute for Brain Potential (IBP), SW CPE 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 #0341. 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 for licensed mental health counselors. #MHC-0134. 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 for licensed marriage and family therapists. #MFT-0068. The **Ohio CSWMFT Board** accepts ASWB-approved continuing education programs for social workers. This program provides 6 contact hours.



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



**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 is designated for 6 contact hours (0.6 CEUs). UANs: 0492-0000-21-039-H04-P and 0492-0000-21-039-H04-T. This program has been pre-approved by the **Florida Board of Pharmacy** for 6 hours of continuing education credit.

**DENTAL PROFESSIONALS:** This program provides 6 CE hours. Institute for Brain Potential, 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 approved as a provider of CE by the **Florida Board of Dentistry**.



**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: 010.



**OCCUPATIONAL THERAPISTS AND ASSISTANTS:** 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 (0.6 AOTA CEUs). Content Level: Intermediate. Content Focus: Domain of OT (Client Factors) and Occupational Therapy Process (Outcomes). This course is approved by the **Florida Board of Occupational Therapy** for 6 hours of credit.

**PHYSICAL THERAPISTS:** Institute for Brain Potential is approved as a provider of the physical therapy continuing education by the **Physical Therapy Board of California**. Institute for Brain Potential is an **Illinois Department of Professional Regulation** Approved CE Sponsor for PTs and PTAs, #216.000210. Institute for Brain Potential is recognized by the **New York State Education Department's State Board of Physical Therapy** as an approved provider of physical therapy continuing education. This program is pending approval by Texas chapter of the **American Physical Therapy Association (APTA)** for 6 contact hours of continuing education credit. The physical therapy boards in AK, AZ, DE, GA, ID, IN, KS, KY, MS, MO, NC, ND, RI, SC, OR, TN, UT, VA, WI, and WY accept courses approved by APTA chapters. This program meets the criteria for physical therapy continuing education in CT, IA, MO, MT, NE, NH, OR, and WA. This program provides 6 contact hours of continuing education credit.

**MASSAGE THERAPISTS:** Institute for Brain Potential is approved as provider of continuing education by the **Illinois Department of Professional Regulation**, #245.000045, and by the **Florida Board of Massage Therapy**. This program provides 6 CE hours. This program counts as 'General' hours in Florida.

**SPEECH-LANGUAGE PATHOLOGISTS:** Institute for Brain Potential is approved as a provider of continuing education by the **CA Speech-Language Pathology and Audiology Board (SLPAB)**, #PPDP247, and by **KS Health Occupations Credentialing**. This program provides 6 CE hours.

**ACUPUNCTURISTS:** This course is approved by the **California Acupuncture Board**, Provider Number 565, for 6 hours of Category 1 distance education (home study) credit. Approval Expires: 04/30/2024.

**NURSING HOME ADMINISTRATORS:** IBP is approved as a provider of continuing education by the **Kansas Health Occupations Credentialing**. This program provides 6 CE hours.

**DIETITIANS:** Institute for Brain Potential is accredited as a CE provider by **American Nurses Credentialing Center's Commission on Accreditation** and **Accreditation Council for Pharmacy Education**. The **Commission on Dietetic Registration (CDR)** accepts enduring (home study) activities from CE providers accredited by these organizations. IBP is approved as a CE provider by the **Florida Dietetics and Nutrition Practice Council** and **Kansas Department of Health and Environment**, Provider# LTS D1270. This program provides 6 CE hours.

**RESPIRATORY CARE PROFESSIONALS:** RCPs in New York receive 6 hours of Category III credit through the ANCC. Institute for Brain Potential is accredited as a provider of nursing continuing professional development by the **American Nurses Credentialing Center's Commission on Accreditation**. Institute for Brain Potential is approved by the **California Board of Registered Nursing (CA BRN)**, Provider #CEP13896, to provide continuing education. Programs offered by the CA BRN approved providers of CE are accepted by the **Respiratory Care Board of California**.



**EDUCATORS:** Participants completing this program will receive 3 clock hours of professional development credit through a cosponsorship agreement between Alliant International University and IBP. Alliant International University's graduate programs are accredited by the **Accrediting Commission of Senior Colleges and Universities of the Western Association of Schools and Colleges**. Please contact your school district if you need prior approval for this program.

**COLLEGE EDUCATED PUBLIC:** This program is recommended for individuals who wish to add to their personal and professional knowledge and to improve their health and wellbeing. Participants will receive a certificate of completion for 6 hours.

*This program describes the role of microbial health in determining who gets sick and who stays well, who develops chronic inflammation, immune and autoimmune disorders, periodontal disease, disorders of brain development and cognitive impairments.*

*Participants will also acquire evidence-based guidelines for the use of probiotics and other foods for restoring GI health.*

*Health professionals working in medical, dental, and behavioral health environments should be able to:*

- 1. Discuss the importance of microbial health for your profession.*
- 2. Identify how microbial health can affect brain development or the risk of Alzheimer's disease.*
- 3. Describe how a disorder of stress, anxiety or mood is linked to microbial imbalance.*
- 4. List one or more evidence-based approaches to restoring microbial health.*

## Understanding the Microbiome

- Your Microbiome
- Friendly and Harmful "Alien" Bacteria
- Microbial Communication
- Understanding Antibiotic Resistant Bacteria
- Immune System Development
- Allergies and Autoimmune Disorders

## Neurocognitive Disorders

- Birth
- Infancy, Learning and Memory
- Autism
- Schizophrenia
- Alzheimer's Disease

## Stress, Anxiety and Mood

- Neurotransmitters
- Stress and Inflammation
- Generalized Anxiety
- Depression

## Restoring Microbial Health

- Probiotic-Containing Foods and Drinks
- Microbiota-Friendly Diet
- Probiotics
- Restoring Microbial Balance
- Importance of Stress-resilience for Microbial Balance

## ABOUT THE INSTRUCTOR



*Lisa E. Goehler, Ph.D., received her doctoral degree at UCLA in psychology and is Professor Emeritus in the Departments of Immunology and Behavior and Nursing at the University of Virginia. Dr. Goehler is an expert in the study of mind-body interactions as they affect the gut brain. She has been the recipient of numerous grants, honors and awards. The author of more than 50 scientific publications, her research demonstrated how anxiety and mood disorders result from inflammation of the GI tract.*

*An outstanding speaker, Dr. Goehler presents practical discoveries to her students and health professionals with enthusiasm, clarity and warmth.*