

SIX-HOUR LIVE WEBINAR

Sat., Mar. 27, 2021

(REGISTRATION FORM)

THE GUT-BRAIN CONNECTION: FACTS, FADS, & FALLACIES

Please Check One Option Below:

LIVE WEBINAR: Sat., Mar. 27, 2021, 11:30 AM – 6:40 PM. (Eastern Time)
or 10:30 AM – 5:40 PM. (Central Time)
or 8:30 AM – 3:40 PM. (Pacific Time)

\$83 – Pre-Registration Rate: Live Webinar with 6 hours of CE credit.

Registrants will need a computer with a good Internet connection and audio speakers (or headphones) to participate in the live Webinar.

\$83 – DVD or streaming video available for homestudy credit.

\$69 – DVD or streaming video only without homestudy test.

*Please note special discounts for homestudy purchase are available for students who are registered for webinars. Please email INR at info@biocorp.com for more information.

Name (please print) _____
Home Address _____
City/State _____ Zip _____
Work Phone _____ Home Phone _____
Fax _____
Email _____
Profession _____ License No. _____
Pharmacists only: NABP # _____ Date of Birth _____ mm / dd / yy

Payment by (please check one):

Check for \$ _____ (Please make check payable to INR)

Charge the amount of \$ _____
to my Visa MasterCard American Express® Discover®

Card # _____ Exp Date _____ CVV _____
(Card Security Code)

Signature _____

There are **four** ways to register:

- 1) **Internet:** www.INRseminars.com
- 2) **Mail:** INR, P.O. Box 5757, Concord, CA 94524-0757
(Make check payable to INR.)
- 3) **Fax:** (925) 687-0860
- 4) **Phone:** 1-800-937-6878

Inquiries for Customer Service: 1-877-246-6336 or (925) 609-2820

Purchase orders are accepted. Tax Identification No. 94-2948967

ACCREDITATION

To obtain the 6 contact hours associated with this course, the health care professional will need to sign in, attend the course, and complete program evaluation forms. At the end of the program, the health care professional successfully completing the course will receive a statement of credit. This is an intermediate-level course.

NURSES (RNs, NPs, & LPNs)

Institute for Natural Resources (INR) 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, including one Rx contact hour of pharmacology CE. INR has been accredited as a continuing education provider by the Florida Board of Nursing (#50-3026-1) and the Iowa Board of Nursing (#288) for 6 contact hours, and the California Board of Registered Nursing (CEP #06136) and the Kansas Board of Nursing (#LT0140-0927) for 7.2 contact hours.

DENTAL PROFESSIONALS

INR is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. INR designates this activity for 6 hours of continuing education credits.

PHARMACISTS

Institute for Natural Resources is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education. The ACPE universal activity number (UAN) for this course is 0751-0000-18-043-L04-P. This is a knowledge-based CPE activity.



REGISTERED DIETITIANS & DTRs

INR, under Provider Number IN001, 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 hours worth of continuing professional education units (CPEUs) for completion of this program/materials. Continuing Professional Education Provider Accreditation does not constitute endorsement by CDR of a provider, program, or materials. CDR is the credentialing agency for the Academy of Nutrition and Dietetics. This course has Activity Number 144628 and Performance Indicators: 8.1.1, 8.1.2, 8.3.1, and 8.3.4. CPE Level: II.



PSYCHOLOGISTS & MENTAL HEALTH COUNSELORS

The Institute for Natural Resources (INR) is approved by the CPA OPD to sponsor continuing professional education for psychologists. INR maintains responsibility for this program and its content. Psychologists must attend the seminar in its entirety and complete the course evaluation in order to receive credit. Under License #PSY000214, the Pennsylvania Board of Psychology has approved INR as a sponsor/provider of CE programs. Institute for Natural Resources (INR) is recognized by the NY SED State Board for Psychology as an approved provider of continuing education for licensed psychologists #PSY-0042. Under Sponsor #00088989 and approval #TRN2386547, CRCC has approved this course for six contact hours. Under Sponsor #197-000240, the Illinois Dept of Prof Regulation has approved INR as a CE sponsor for professional/clinical counselors. Institute for Natural Resources (INR) is recognized by the NY SED State Board for Mental Health Practitioners as an approved provider of continuing education for licensed mental health counselors, #MHC-0089.

ADDICTION COUNSELORS

INR is approved by the NAADAC Approved Education Provider Program, Provider #182846.

SOCIAL WORKERS & MARRIAGE & FAMILY THERAPISTS

This program is approved by the National Association of Social Workers (Provider #886502971-8181) for 6 social work contact hours. Institute for Natural Resources (INR), SW CPE is recognized by the NY SED State Board for Social Workers as an approved provider of continuing education for licensed social workers #0195. The California Board of Behavioral Sciences will accept courses approved by NASW. This course "The Gut Brain Connection," Approval #191307-1125R provided by INR, is approved for continuing education by the New Jersey Social Work Continuing Education Approval Collaborative, which is administered by NASW-NJ. CE Approval Collaborative Approval Period: 09/01/20 through 08/31/22. New Jersey social workers will receive six (6) clinical CE credits for participating in this course. Institute for Natural Resources (INR) is recognized by the NY SED State Board for Mental Health Practitioners as an approved provider of continuing education for licensed marriage and family therapists. #MFT-0055.

OCCUPATIONAL THERAPISTS & OTAs

INR is an AOTA Approved Provider of continuing education. Provider #5347. INR has assigned 0.6 AOTA CEUs for this course. The classification for this course is OT Process. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

PHYSICAL THERAPISTS & PTAs

The Florida Physical Therapy Association has approved this course for 6 contact hours (Approval # CE 21-686998). Accreditation of this course does not necessarily imply the FPTA supports the views of the presenter or the sponsors. INR is recognized as an approval agency to approve providers offering continuing competency courses by the Physical Therapy Board of California. This course has been approved by the Institute for Natural Resources (INR) for 6 continuing competency units. The NY SED has approved INR as a sponsor of continuing physical therapy education. Under Sponsor #216-000264, the Illinois Dept of Prof Regulation has approved INR as a sponsor for continuing physical therapy education. The New Jersey State Board of Physical Therapy Examiners has approved the course for 6 hours continuing education credits. The NJBPTE Course Approval # 2008-036.

CASE MANAGERS

This program has been pre-approved by The Commission for Case Manager Certification to provide continuing education credit to Certified Case Managers (CCMs).

NURSING HOME ADMINISTRATORS (Distance Learning)

This program has been submitted for Continuing Education through NAB/NCERS for 6 total participant hours from NAB/NCERS. Please visit <https://www.nabweb.org/continuing-education> and choose "NAB Approved CE Database" for the most current approved courses.

MASSAGE THERAPISTS

Institute for Natural Resources is approved by the National Certification Board for Therapeutic Massage & Bodywork (NCBTMB) as a continuing education Approved Provider, Provider #299936-00.



OTHER HEALTH PROFESSIONALS

Participants successfully completing this course will receive course completion certificates. For rules governing continuing education credit, participants should contact their respective regulatory boards.

THE GUT-BRAIN CONNECTION: FACTS, FADS, & FALLACIES



SCHEDULE

Please see the Registration Form for the seminar schedule.

Please register early. Space is limited. Registrations are subject to cancellation after the scheduled start time. A transfer can be made from one Webinar to another if space is available. Registrants cancelling up to 72 hours before a Webinar will receive a tuition refund less a \$25.00 administrative fee or, if requested, a full-value voucher, good for one year, for a future Webinar. Cancellation or voucher requests must be made in writing. If a Webinar cannot be held for reasons beyond the control of the sponsor (e.g., acts of God), the registrant will receive free admission to a rescheduled Webinar or a full-value voucher, good for one year, for a future Webinar. A \$25.00 service charge applies to each returned check. Nonpayment of full tuition may, at the sponsor's option, result in cancellation of CE credits issued. The syllabus is not available for separate purchase. A \$15.00 fee will be charged for the issuance of a duplicate certificate. Fees subject to change without notice.

SPONSOR

INR (Institute for Natural Resources) is a non-profit scientific organization dedicated to research and education in the fields of science and medicine. INR is the nation's largest provider of live continuing education programs, offering over 600 live seminars yearly.

INR has no ties to any commercial organizations and sells no products of any kind, except educational materials. Neither INR nor any instructor has a material or other financial relationship with any health care-related business that may be mentioned in an educational program. If INR were ever to use an instructor who had a material or other financial relationship with an entity mentioned in an educational program, that relationship would be disclosed at the beginning of the program. INR takes all steps to ensure that all relevant program decisions are made free of the control of a commercial interest as defined in applicable regulatory policies, standard, and guidelines. INR does not solicit or receive gifts or grants from any source, has no connection with any religious or political entities, and is totally supported by its course tuition.

INR's address and other contact information follows:

P.O. Box 5757, Concord, CA 94524-0757

Customer service: 1-877-246-6336 or (925) 609-2820

Fax: (925) 687-0860

E-Mail: info@inrseminars.com; website: www.INRseminars.com

Tax Identification Number 94-2948967.

Education expenses (including enrollment fees, books, tapes, travel costs) may be deductible if they improve or maintain professional skills. Treas. Reg. Sec. 1.162-5. Recording of the seminar, or any portion, by any means is strictly prohibited. INR's liability to any registrant for any reason shall not exceed the amount of tuition paid by such registrant.

For American Disability Act (ADA) accommodations or for addressing a grievance, please send the request by email to info@inrseminars.com or by fax to (925) 363-7798. For ADA matters (including sign-language interpreters), INR would appreciate advance notice so as to ensure our ability to provide the appropriate accommodation.

THE GUT-BRAIN CONNECTION: FACTS, FADS, & FALLACIES

Frequently Asked Questions

Q: How can I take this Webinar?

This Webinar can be taken in several formats:

- A live Webinar
- An audio-visual DVD or Streaming Video for home-study credit (valid for such professions such as nursing, dental, pharmacy, dietetics, occupational therapy, social work, and possibly other professions.)
- An audio-visual DVD or Streaming Video without credit (available, for a reduced fee).

Q: What do I have to do to complete the live Seminar/Webinar successfully?

To obtain the 6 contact hours associated with this course, the health professional will need to sign-in (by typing in the chat-box), attend the course online, and complete the program evaluation form and post-test electronically. At the end of the program, after all the evaluation and post-tests are accounted for, the health professional successfully completing the program will receive a statement of credit. This will take approximately 3 to 5 business days. This is an intermediate-level course.

Q: How long does it take to receive a Seminar/Webinar Completion Certificate?

At a live seminar, certificates are given out at the end of the seminar. With all other presentations (e.g., electronic), receipt of the certificate typically takes 3 to 5 days after all materials are submitted.

Q: How will I know that my profession qualifies for continuing education credit?

Please see the section marked Accreditation. All professions for which INR (Institute for Natural Resources) has approval are listed in the Accreditation section.

Q: What happens if I have technical difficulties watching or hearing a Webinar (in effect a live broadcast of a seminar)?

You will receive a voucher equal to the tuition paid. This voucher will be good for a future seminar or Webinar. The voucher is good for one year.

Q: My profession is not listed on the brochure. Is it possible to obtain continuing-education credit?

Possibly. Please contact INR's customer-service office at <info@inrseminars.com> or at 1-877 246-6336. The customer-service office can tell you if INR has approval for your profession.

PROGRAM/LECTURE

Registration: 7:45 AM – 8:30 AM

Morning Lecture: 8:30 AM – 10:00 AM

- **Was Hippocrates Right – Do All Diseases Begin in the Gut?**
- **Bugs, Bowels and the Brain:** How Gut Microbes and Their Metabolites Communicate with the Body and the Brain.
- **Gut Disorders:** IBS (Irritable Bowel Syndrome) and IBD (Inflammatory Bowel Disease) – Do These Impact the Brain as Well as the Gut?
- **The Gut-Brain Axis and Brain Development.** Altered Gut-Brain Dialogue in Early Life and the Potential Risk for Anxiety and Autism Spectrum Disorders.

Mid-Morning Lecture: 10:00 AM – 11:30 AM

- **Microbes and Neurodegenerative Conditions.** A Trigger for Alzheimer's Disease? A Piece of the Parkinson's Disease Puzzle?
- **The Mind-Gut Connection:** Hidden Mind-Gut Conversations that Impact Mood and Emotion. Role in Neuropsychiatric Diseases, Depression.
- **Microbial Metabolites and Immune Dysfunction:** Inflammation, Allergies, and Autoimmune Disorders.
- **The Gut-Brain Connection in Diabetes, Fatty Liver Disease, and Obesity.** Are my Bugs Making me fat, Insulin-Resistant, and Unhealthy?
- **Gluten-Related Disorders:** Celiac Disease and Non-Celiac Gluten Sensitivity (NCGS). Potential Impacts that go Beyond the Gut.

Lunch: 11:30 AM – 12:20 PM

Afternoon Lecture: 12:20 PM – 2:00 PM

- **The Oral-Gut Connection.** Gut Reasons to Brush Your Teeth. What we Need to Know!
- **Leaky Gut:** Concept or Clinical Entity? Should You Have your Microbiome Analyzed?
- **Shaping the Gut Flora:** The Role of Environmental and Lifestyle Gut Health Disruptors.
- **Becoming Your Own "Ecosystem Engineer":** Therapeutic Strategies to Heal the Body from the Inside Out. What Really Works? Should you Have your Colon Cleansed? Should we Detox? Discerning Facts vs. Fallacies to Improve Patient Care.
- **Feeding the Good Bugs:** How Diet can Alter Microbiota-Derived Metabolites that Influence Health. Artificial Sweeteners, Food Additives and Preservatives: What Impact do they Have on Gut-Brain Health?

PROGRAM (con't)

Mid-Afternoon Lecture: 2:00 PM – 3:20 PM

- **The Quest for the Nutritional Holy Grail. How do Popular Diets Impact the Microbiome-Gut-Brain Connection?** Gluten-Free, Paleo, Primal, Ancestral, Whole30, Ketogenic, Vegan, Pegan, Blood Type, Lectin-Free, low-FOD MAP, Alkaline, GAPS.
- **Pre- and Probiotics: Dispelling the Myths.** Where do we Stand?
- **Detecting Pseudoscience:** When Bad Headlines Overshadow Good Science. Red Flags of Junk Science. How to Debunk the Junk and Become a Healthy Skeptic.

Evaluation, Questions, and Answers: 3:20 PM – 3:40 PM

LEARNING OBJECTIVES

Participants completing this program will be able to:

- 1) explain the concept of the gut-brain axis, and its implications for health and disease.
- 2) describe how microbes and their metabolites communicate with the body and the brain.
- 3) explain how the microbiome-gut-brain axis influences the development of neurodegenerative, neuropsychiatric, and neurodevelopmental disorders.
- 4) describe how microbial metabolites regulate immune and metabolic pathways in the body, and how this may impact risk of allergies, autoimmune diseases, obesity and diabetes.
- 5) explain how the ecology of the oral microbiome impacts both gut and systemic health; discuss implications for modern-day oral healthcare.
- 6) list potential microbial and gut health disruptors, as well as therapeutic strategies to improve gut and brain health (to become "ecosystem engineers").
- 7) describe ways in which the highly complex gut-brain scientific research has been oversold and misinterpreted by the lay press.
- 8) identify red flags of "pseudoscience" to become a healthy skeptic.
- 9) describe how the information in this course can be utilized to improve patient care and patient outcomes.

INSTRUCTOR

Dr. Gina Willett (Ph.D., R.D.) Dr. Willett is a nationally known speaker in the areas of health and wellness. Dr. Willett has a doctoral degree in nutritional science and a master's degree in epidemiology and preventive medicine from the University of Wisconsin, Madison. She also has a master's degree in health education from the University of Oklahoma, Oklahoma City. Dr. Willett is a registered dietitian who has worked as both a clinical dietitian and as a health promotion coordinator. She served her country as an officer in the United States Air Force. In addition, Dr Willett has served as an assistant professor at the University of Richmond in Virginia. For the past twenty years, she has developed and presented continuing education programs to over 100,000 healthcare providers across the country.

INR reserves the right to change instructors without prior notice. Every instructor is either a compensated employee or independent contractor of INR.