

SIX-HOUR LIVE WEBINAR

Thu., Apr. 7, 2022

(REGISTRATION FORM)

INFLAMMATION,
CHRONIC ILLNESS, &
THE BRAIN

Please Check One Option Below:

LIVE WEBINAR: Thu., Apr. 7, 2022, 8:30 AM – 3:40 PM, (Eastern Time)
or 7:30 AM – 2:40 PM, (Central Time)
or 5:30 AM – 12:40 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)

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Profession License No.

Pharmacists only: NABP # Date of Birth mm / dd / yy

Payment by (please check one):

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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 nursing continuing professional development 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 (#286) 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 0751-0000-19-045-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 145090 and Performance Indicators: 12.1.3. CPE Level: II.


PSYCHOLOGISTS
Under CE Broker # 50-3026, INR is an approved provider by the Florida Board of Psychology. 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. Under Sponsor #268.000096, the Illinois Dept of Prof Regulation for Psychologist Licensing and Disciplinary Board has approved INR as a CE sponsor. 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.

MENTAL HEALTH COUNSELORS, MFTs, & ADDICTION COUNSELORS
Under Sponsor #00088989 and Approval #TRN2258116, 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. This program meets requirements up to 6.0 continuing education clock hours for Louisiana-licensed professional counselors. The Louisiana Counseling Association is approved by the Louisiana Professional Counselor Licensing Board of Examiners to offer continuing education for Louisiana-licensed Professional Counselors and Provisional-licensed Professional Counselors. Institute for Natural Resources (INR) is recognized by the NY SED's State Board for Mental Health Practitioners as an approved provider of continuing education for licensed mental health counselors, #MHC-0089. Under Sponsor #168.000243, the Illinois Dept of Prof Regulation has approved INR as a CE sponsor for marriage and family therapists. Institute for Natural Resources (INR) is recognized by the NY SED's State Board for Mental Health Practitioners as an approved provider of continuing education for licensed marriage and family therapists. #MFT-0055. Under CE approval #NVCEP2021, the Nevada Board of Examiners for MFT and CPC has approved INR as a sponsor. INR is approved by the NAADAC Approved Education Provider Program, Provider #182846.

SOCIAL WORKERS
Institute for Natural Resources, #1356, 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 Natural Resources maintains responsibility for this course. ACE provider approval period: 02/28/2022– 02/28/2025. Social workers completing this course receive 6 continuing education credits. Institute for Natural Resources is recognized by the NY SED's State Board for Social Work as an approved provider of continuing education for licensed social workers #0195. The California Board of Behavioral Sciences will accept courses approved by ASWB. Under Sponsor #159-000260, the Illinois Dept of Prof Regulation has approved INR as a sponsor of continuing social work education. This course "Inflammation, Chronic Illness, & the Brain," Approval #183105-0303R 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.

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 category of this course is Foundational Knowledge. 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 22-521276). Accreditation of this course does not necessarily imply the FPPTA 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. Under Sponsor #216-000264, the Illinois Dept of Prof Regulation has approved INR as a sponsor for continuing physical therapy education.



ACCREDITATION (cont.)


Under approval number 21S2551, the Ohio Physical Therapy Association has approved this course for 6 hours of continuing education credit.

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, and is also sponsored by NCBTMB to teach New York LMTs continuing education that is accepted by the State of New York for license renewal.

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.



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.

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INFLAMMATION, CHRONIC ILLNESS, & THE BRAIN

Frequently Asked Questions

Q: How can I take this Webinar?

This Webinar can be taken in several formats:

- (a) A live Webinar
- (b) 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.)
- (c) 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.

Disclaimer: These live interactive INR presentations provide continuing education for health care and mental health professionals with the understanding that each participant is responsible to utilize the information gained in an appropriate manner congruent with his/her/their scope of licenses.

PROGRAM/LECTURE

Registration: 7:45 AM – 8:30 AM

Morning Lecture: 8:30 AM – 10:00 AM

- **Illness and Inflammation:** Understanding the Scope of the Problem: A Nation Growing Older and Sicker.
- **How Inflammation Causes Pain and Illness:** The Cytokine Cascade.
- **Recognizing Acute and Chronic Inflammation in Hospitalized Patients:** Clinical Signs and Symptoms.
- **Markers of Inflammatory Disease:** Which Tests Matter and Why.

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

- **Why Lifestyle Really Does Matter: Assessing and Teaching Patients** About Nutrition, Rest, Exercise, and Stress Management.
- **The Risks and Rewards of Anti-inflammatory Medication:** Aspirin, NSAID's, Corticosteroids, Tumor Necrosis Factor Inhibitors.
- **Getting to the Heart of the Matter:** How Inflammation Leads to Cardiovascular Disease.
- **Inflammation and Chronic Lung Disease:** Why Increasing Numbers of Non-smokers Are at Risk.

Lunch: 11:30 AM – 12:20 PM

Afternoon Lecture: 12:20 PM – 2:00 PM

- **Obesity and Diabetes:** Empty Calories and Inflammation.
- **The Growing Challenge of Chronic Kidney Disease:** A Nation At Risk
- **When Inflammation Hurts with Every Step:** Arthritis and Autoimmune Disorders.
- **Ulcerative Colitis and Crohn's Disease:** How Inflammation Affects the GI Tract.
- **Cancer as a Chronic Illness:** The Rationale for Reducing Inflammation.
- **Coping with Chronic Neurologic Disorders:** Stroke, Parkinson's, MS, ALS, and Dementia.

PROGRAM (con't)

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

- **When a Toothache Can Turn Deadly:** Consequences of Acute and Chronic-Dental Disease.
- **Preventive Care and Discharge Planning for Patients with Chronic Illness:** Nutrition, Exercise, Restorative Sleep, Vaccines, and Dental Care.
- **PT/OT Consideration in Chronic Care:** Mobility, Motivation, Deconditioning and Functional Independence.
- **Inflammation, Skin Care and Chronic Illness:** Nursing Considerations and Patient Education.
- **When a Loved One Has Chronic Illness:** Counseling the Caregiver.

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

LEARNING OBJECTIVES

Participants completing this course will be able to:

- 1) identify clinical signs & symptoms of inflammation.
- 2) demonstrate the connections between inflammatory processes and chronic illness.
- 3) describe the role of inflammation in specific illnesses such as heart disease, COPD, diabetes, arthritis and dementia.
- 4) list practical strategies to reduce levels of inflammation in clinical practice.
- 5) explain the rationale for good dental prophylaxis and skin care in patients with chronic illness.
- 6) describe how the information in this course can be utilized to improve patient care and patient outcomes.
- 7) describe, for this course, the implications for dentistry, mental health, and other health professions.

INSTRUCTOR

Dr. Laura Pawlak (PhD, MS, RDN) received her Ph.D. in biochemistry at the University of Illinois and her M.S. in nutrition at the University of Illinois.

To become a registered dietitian (R.D.), Dr. Pawlak took her internship in dietetics at the Hines Veterans Administration Hospital in Illinois.

Dr. Pawlak conducted her postdoctoral research in biochemistry at the University of California, San Francisco Medical Center and is the author of 22 scientific publications and many academic books.

An expert in obesity, diet, nutrition, and behavior, Dr. Pawlak, has produced and presented -- nationally and internationally -- hundreds of continuing-education programs for health professionals and others. As an registered dietitian, she counseled clients in the areas of sports nutrition and weight loss.

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

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