

SIX-HOUR LIVE WEBINAR

Wed., May 22, 2024

(REGISTRATION FORM)

ADHD IN CHILDREN, ADOLESCENTS, & ADULTS

LIVE WEBINAR:

Wed., May 22, 2024, 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)

\$89 – 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.

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 _____

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Profession _____ License No. _____

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

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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) 363-7798
- 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 (#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 0751-0000-24-011-L04-P. This is a knowledge-based CPE activity.



REGISTERED DIETITIANS & DTRs

This program awards 6 hours of CPEUs in accordance with the Commission on Dietetic Registrations provider programs. This course has Activity Number 161900 and Performance Indicators: 9.1.1, 9.1.2, 9.1.4, and 9.1.5. CPE Level: I.

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 PA Board of Psychology has approved INR as a sponsor/provider of CE programs. Under Sponsor #268.000096, the Illinois 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 & ADDICTION COUNSELORS

Institute for Natural Resources has been approved by NBCC as an Approved Continuing Education Provider, ACEP No. 7156. Programs that do not qualify for NBCC credit are clearly identified. Institute for Natural Resources is solely responsible for all aspects of the programs.



Under Sponsor #00088989 and Approval #60007956902, CRCC has approved this course for six contact hours. 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. Under Sponsor #197-000240, the Illinois Dept of Prof Regulation has approved INR as a CE sponsor for professional/clinical counselors. INR is approved by the NAADAC Approved Education Provider Program, Provider #182846.

SOCIAL WORKERS & MARRIAGE & FAMILY THERAPISTS

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 clinical continuing education credits. Institute for Natural Resources (INR), SW CPE is recognized by the NY SED 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 "ADHD in Children, Adolescents, & Adults," Approval #04102022-1 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: 09/01/22 through 08/31/24. New Jersey social workers will receive four 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. Under Sponsor #168.000243, the Illinois Dept of Prof Regulation has approved INR as a CE sponsor for marriage and family therapists. Under CE approval #NVCEP2021, the Nevada Board of Examiners for MFT and CPC has approved INR as a sponsor.

OCCUPATIONAL THERAPISTS & OTAs

INR is an AOTA Approved Provider of professional development. PD activity approval ID #4982. This distance learning - interactive activity is offered at 0.6 AOTA CEUs, introductory education level, foundational knowledge category. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.



Approved Provider

PHYSICAL THERAPISTS & PTAs

The Florida Physical Therapy Association has approved this course for 6 contact hours (Approval #CE 24-794919). 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. Under Sponsor #216-000264, the Illinois Dept of Prof Regulation has approved INR as a sponsor for continuing physi-

ACCREDITATION (cont.'d)

cal therapy education. The New Jersey State Board of Physical Therapy Examiners has approved this course for 6 hours continuing education credits. The NJBPTE Course Approval #2206-66.

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.

MESSAGE 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



National Certification Board
for Therapeutic Massage & Bodywork

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.

(A 6-HOUR INTERACTIVE LIVE WEBINAR)

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. 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 programs yearly.

INR has no ties to any ineligible 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, standards, 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) 363-7798

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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ADHD IN CHILDREN, ADOLESCENTS, & ADULTS

Frequently Asked Questions

Q: What do I have to do to complete the live 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 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?

You can transfer the tuition paid to another Webinar within two years or request a recording within 3 to 5 days to complete the webinar ASAP for live credit.

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 1-877 246-6336 or by email at info@biocorp.com. The customer-service office can tell you if INR has approval for your profession.

COURSE SUMMARY

This presentation, "ADHD in Children, Adolescents, and Adults" will present up-to-date and relevant research information on ADHD for health and mental health professionals. The webinar will present the history of ADHD and the current understanding of the how gene patterns, epigenetic changes in gene expression, neurobiological alterations, and neurochemistry deficiencies combine with some lifestyle factors to produce the disorder. The multiple impacts of ADHD on people's lives will be presented, ranging from those with severe disabilities to famous people who have had successful lives with outstanding accomplishments.

The criteria for and methods of diagnosing what is often a complex disorder with many comorbid conditions will be described. This webinar will cover the development, course, and differing symptom presentations of ADHD through the progressive stages of childhood, adolescence, and adulthood. The evidence-based non-pharmaceutical treatments for ADHD will be presented, including dietary interventions, sleep management, therapeutic exercise, parent training, and behavioral management strategies for the home, school, and vocational settings. Finally, Dr. Howard will discuss the most effective treatments for children over age 6, adolescents, and adults with ADHD: a variety of stimulant and non-stimulant medications. This will include coverage of evidence-based short-term and long-term research outcomes, dosage patterns, possible adverse effects, and the risks for dependence and addiction.

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. Furthermore, the contents of these presentations are relevant to graduate level counselors; The presenter teaching the program has an advanced degree in the mental health field.

PROGRAM/LECTURE

Registration: 7:45 AM – 8:30 AM

Morning Lecture: 8:30 AM – 10:00 AM

- **A History of ADHD (Attention Deficit Hyperactivity Disorder):** Understanding the Role of Attention in Behavior.
- **Attention:** How the Prefrontal Cortex Regulates Emotions, Inhibits Impulses, and Controls Executive Functions.
- **The Real Nature of ADHD:** Anatomical and Biochemical Changes in a Neurodevelopmental Disorders.
- **Neurons and the Tale of the Neurotransmitters:** The Role of Dopamine and Norepinephrine in ADHD.
- **Diagnosing ADHD:** The DSM-5 Criteria, Clinical Presentations of ADHD. Is ADHD Over-Diagnosed?
- **Is There an Upside of ADHD?** Famous and Successful People with ADHD. Would Thomas Edison be on Ritalin (Methylphenidate) Today?

10:00 AM to 10:10 AM – Break

10:10 AM to 11:30 AM – Mid-Morning Session

- **Up for Debate:** Is ADHD a Mental Disorder? Defining the Terms.
- **Potential for Chaos:** Comorbid Conditions in Patients with ADHD.
- **Sex and Gender Differences in ADHD.** Do They Exist? Are They Important?
- **The Development and Course of ADHD:** From Childhood to Adolescence to Adulthood.
- **Consequences of ADHD:** Health, School, Work, Relationships, Crime, and Suicide.

Lunch: 11:30 AM – 12:20 PM

Afternoon Lecture: 12:20 PM – 2:00 PM

- **Creativity and ADHD:** Potential Benefits of Divergent Thinking.
- **The Complex Causes of ADHD:** Is It Largely a Genetic Disorder?
- **Additional Known Risk Factors:** Low Birth Weight, Seizures, Brain Injuries, and Stress in Pregnancy.
- **Fact vs. Fiction:** The Role of Food Additives, Dyes, Artificial Sweeteners, Food Allergies in ADHD.
- **The Feingold Diet:** Can It Modify Symptoms of ADHD? Elimination Diets.

2:00 PM to 2:10 PM – Break

2:10 PM to 3:40 PM – Mid-Afternoon Session

- **ADHD and Parenting Practices:** Parent Training, Behavior Therapy, Outdoor Exercise, Structured Routines, and School Classroom Management.
- **Unintended Consequences During the COVID-19 Pandemic:** The Deleterious Effects of School Closings and Lockdowns on Children, Teens, and Adults with ADHD.
- **Sleep Disruption and ADHD:** How Sleep Deficits Exacerbate Symptoms of ADHD. Practical Strategies to Improve Sleep.

PROGRAM (cont.)

- **Prescription Medications for ADHD:** FDA-Approved Stimulants and Non-Stimulant Medications.
- **ADHD and Non-FDA-Approved Treatments:** Modafinil, Antidepressants, Clonidine, and Guanfacine.
- **Caffeine and ADHD:** Can a Cup of Coffee Help?

Questions Answers, Course Quiz Review, & Evaluation

LEARNING OBJECTIVES

Participants completing this course will be able to:

- 1) describe the effects of ADHD on attention, emotional control, impulse control, and executive functions.
- 2) describe the clinical presentations of ADHD and current diagnostic criteria.
- 3) discuss the genetic, developmental, neurologic and environmental causes of ADHD.
- 4) describe the development, symptoms, and impact of ADHD as they relate to children, adolescents, and adults.
- 5) identify effective ADHD treatments focused on behavior management, diet, exercise, and sleep.
- 6) discuss the stimulant and non-stimulant medications for ADHD and their effectiveness.
- 7) discuss how the recent empirical research in this course can be translated to clinical practices to improve patient care and outcome.
- 8) describe, for this course, the implications for dentistry, mental health, pharmacy, nursing, occupational, physical therapy and other healthcare professions.

INSTRUCTOR

Dr. R.S. Hullon (M.D., J.D.) is a full-time physician-lecturer for INR. Dr. Hullon is a physician and surgeon specializing in trauma and orthopedics. His medical experience includes diagnosis and treatment of infectious diseases, neurological disorders, neurodegenerative diseases (multiple sclerosis, Parkinson's, and Alzheimer's diseases) and psychiatric disorders (personality and mood disorders). His medical experience also includes diagnostic laboratory work, particularly in hematology.

Dr. Hullon has had extensive surgical experience in trauma management and orthopedics and has published papers on head, back, and knee disorders and pain medications. He has also studied bovine spongiform encephalopathy (BSE or mad cow disease) and the medical and legal implications of this disease.

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

SYSTEM REQUIREMENTS

For system requirements to participate in INR's live webinars, please visit Zoom's website at <https://support.zoom.us/hc/en-us/articles/201362023-Zoom-system-requirements-Windows-macOS-Linux>.