

Building the Brain: A Neurobiological Approach to Assessment and Treatment

Robin Harwell, M.A., CCC-SLP

Faculty

Robin Harwell, M.A., CCC-SLP is a dynamic instructor and clinician who takes complex information and easily applies it clinically. She has extensive experience in a variety of settings, including hospital, clinic, nursing home, home health, private practice and public schools. She spends the majority of her time working “hands-on” at a facility that has incorporated her brain building program. This program, GaitWay to the Brain was part of a published 2+year study by a major university. She limits her private practice, since 2020, to in-person assessments only. She continues consulting with other facilities on their brain building programs.

Disclosure: Financial: Ms. Harwell receives a speaking fee from Education Resources, Inc. She is also a Distributor with BEMER Group. Non-Financial: Ms. Harwell has no other relevant nonfinancial relationships to disclose.

About this Live Webinar

This intensive lab course will help you link neuroscience to your clinical practice with a focus on evidence based interventions to improve measurable outcomes for adults and children with neurological challenges. It teaches you how to use tools to support the brains ability to rewire itself rather than retraining or relearning a specific skill. This course draws on the expansive brain-behavioral sciences to provide a framework for assessment, priority setting, prognosis and intervention for clients in any treatment setting from those with acute issues such as medically fragile diagnoses, behavioral issues, to those with chronic issues in any treatment setting.

Objectives

- 1 Describe the neurobiology of therapeutic relationship and attachment as a healing force in therapy
- 2 Identify and describe the stress response as an antagonist to healing
- 3 Analyze the role of arousal as the driving force for attention, learning and rehabilitation
- 4 Apply a skill set of “tools” for building the brain as an aspect of neuro-rehabilitation
- 5 Demonstrate a preliminary understanding of the brain brain/body self-healing mechanisms and the implementation of complementary healing techniques

Audience

This course applies from infants to geriatrics with any neurologic disorders. The course is appropriate for Physical Therapists and assistants, Occupational

Schedule – Day 1 8:40 am - 6:30 pm EST (US)

8:40-9:00	Webinar Registration/Zoom Course Opens
9:00-11:00	Brain Research and its Implications for Therapy
11:00-11:45	Foundations for Therapy Success in Adults and Children Network Theory, Arousal, Attention, Learning, Self-regulation, Modulation
11:45-12:00	Break
12:00-1:30	LAB + Lecture: Tools to Prepare the Brain/Body System for Learning and Retraining
1:30-2:00	Lunch
2:00-3:00	Techniques to Balance the System: Quantum Healing
3:00-3:30	The Healing Brain: Neurogenesis, Neuroplasticity, Neurodevelopment
3:30-4:15	Clinical Applications of Current Knowledge on How the Brain Learns: Auditory, Visual, Vestibular, Sequential Processing Brain Dominance
4:15-4:30	Break
4:30-5:00	LAB: Mental Practice
5:00-6:30	The Stress Connection The Gut Brain/Inflammation Exercise and the Brain Sedentary Lifestyle What the science tells us

Schedule – Day 2 9:10 am - 5:00 pm EST (US)

8:40-9:00	Webinar Registration/Zoom Course Opens
9:00-10:30	Theoretical Framework for a NeuroIntegrative Approach to Treatment
10:30-12:15	An Interactive Approach to Assessment: A new perspective Demonstration and Video
12:15-12:30	Break
12:30-1:30	Demonstration and video continued Troubleshooting workshop attendees' clientele (submitted prior to Day Two)
1:30-2:00	Lunch (on your own)
2:00-2:30	LAB: Tools to Retrain and Relearn Functional Skills Evidence-Based Strategies Visual Vestibular Tactile Brain Gym Videos of tools used with clientele of varying ages/diagnoses
2:30-3:15	LAB + Lecture: An Integrative Approach to Treatment Demonstrations and videos: Tools applied with a variety of clientele
3:15-4:00	Break
4:00-5:00	Troubleshooting for Functional Outcomes Recommended Reading Research & Resources

ERI: Life-changing learning

You love what you do. Our courses remind you why. As a therapist, you change lives every day – and have your life changed in return. ERI is life-changing learning, for therapists by therapists.

The ERI Advantage:

- Techniques you'll use the next day
- Peers who share your passion
- Renowned faculty
- Evidence-based courses that improve outcomes
- 30 years of life-changing learning

Specialty Tracks throughout the lifespan – Neonatal, Pediatric, Adult, Geriatric

Each ERI specialty track is designed to make the most of your continuing education time, budget, and goals. Start your search with us, and plan every course you'll take in 2021.

ERI Rewards

Your ERI experience is more rewarding than ever.

- First Course Discount
- Group Discounts
- \$100 off your 4th Multi-day Course
- And more

Subject to availability. Exclusions may apply. Visit our website for details and coupon codes.

Credits

This course meets the criteria for 14.5 contact hours (1.45) CEUs, Intermediate Level. Most Physical Therapy State Boards accept webinars as a live offering. Please check with your state board to confirm. Approved by the **NJ** and **KY** Board of Physical Therapy Examiners. Application has been made to the **FL** Physical Therapy Association for 17 continuing education contact hours. Approved sponsor by the State of IL Department of Financial and Professional Regulation for Physical Therapy for 17 contact hours. Approved provider by the **NY** State Board of Physical Therapy for 17.4 contact hours (1.74 CEUs). Education Resources, Inc. is an approved provider for Physical Therapy CEUs in the following states: **KY, CA** and **TX**. The following state boards of physical therapy accept other states' approval: **AK, AR, AZ, DC, DE, GA, HI, ID, IN, KS, MI, MO, MS, NC, OR, PA, RI, SC, UT, VA, VT, WI, WY**. The following state boards of physical therapy either do not require course pre-approval or do not require CEUs for re-licensure: **AL, CO, CT, IA, MA, NE, ND, NH, SD, WA**



Approved provider of continuing education by the American Occupational Therapy Association #3043, for 14.5 contact hours (1.45 CEUs) - Intermediate Level Occupational Therapy Process: assessment, intervention. The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures by AOTA.

NBCOT professional development provider – 14.5 PDUs.

Approved provider of the FL Board of Occupational Therapy-CE Broker 17 hours.

This course meets the approval of the TX Board of OT Examiners.

14.5 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification. They do NOT qualify towards the 8-hour NDTA Instructor requirement for re-certification.



Education Resources, Inc is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for up to 1.45 ASHA CEUs (Intermediate level, Professional area). This program has been submitted for approval of 14.5 clock hours of continuing education credit by the TX Speech Language-Hearing-Association (TSHA). TSHA approval does not imply endorsement of course content, specific products or clinical procedures.

Webinar Dates and Times - 2021

May 14 and 15, 2021

8:40 am EST • 7:40 am CST • 6:40 am MST • 5:40 am PST (US)

Registration is for both sessions. Zoom log-in instructions and course materials will be emailed/added to your ERI account 5-7 days prior to the webinar.



\$369 fee. **LIMITED ENROLLMENT** Cancellation will be accepted until 14 days prior to the start date of the course, minus a \$75 Administration Fee. There will be NO REFUNDS after this 14 day deadline. We encourage you to register online!

Building the Brain/Robin Harwell

☐ May 14 and 15, 2021

Course Registration Form

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: _____ Work Phone: _____

Cell Phone: _____

Needed in the event of an emergency scheduling change

Email: _____

Please clearly print your email address for course confirmation

Employer: _____

Discipline: _____ Specialty: _____

How did you learn of this course _____

Education Resources reserves the right to cancel any course due to insufficient registration or extenuating circumstances. We are not responsible for any expenses incurred by participants if the course must be cancelled.☐ I have read your refund policy above and understand.

Cardholder's name & billing address with zip code if different from above:

Signature _____

Amount charged _____

I hereby authorize you to charge my: ☐ VISA ☐ MC ☐ DISCOVER# _____

Exp. Date _____ CVV2 Code _____