

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 has a thriving private practice and consults to facilities on brain building programs. She utilizes a theoretical framework that is based on neurogenesis, neuroplasticity and neurodevelopment for assessment and treatment of her patients. Her workshops provide the latest in the neuroscientific research and its application to rehabilitation and development. She uses tools that support the brain's ability to rewire itself versus teaching a skill. She is a sought-after speaker throughout the US.

Disclosure: Financial: Ms. Harwell receives a speaking fee from Education Resources, Inc. Non-Financial: Ms. Harwell has no relevant nonfinancial relationships to disclose.

"This course was everything I hoped it would be plus more. I am exploding with ideas to try with my rehab patients! I can't wait to bring this info back to my coworkers." — Courtney Harris, PT

About this Course

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 brain's 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

At the conclusion of this course, the participant will be able to:

- 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/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 Therapists and Assistants, Speech Language Pathologists and Assistants.

Schedule – Day 1

7:30-8:00	Registration/Continental Breakfast
8:00-9:30	New Brain Research: Implications for Therapy
9:30-10:15	Foundations for Therapy Success in Adults and Children Network Theory, Arousal, Attention, Learning, Self-regulation, Modulation
10:15-10:30	Break
10:30-12:00	Tools to Prepare the Brain/Body System for Learning and Retraining Labs
12:00-1:00	Techniques to Balance the System: Quantum Healing
1:00-2:00	Lunch (on your own)
2:00-2:30	The Healing Brain: Neurogenesis, Neuroplasticity Neurodevelopment
2:30-3:45	Clinical Applications of Current Knowledge on How the Brain Learns: Auditory, Visual, Vestibular, Sequential Processing Brain Dominance
3:45-4:00	Break
4:00-4:30	Mental Practice/Lab
4:30-5:30	The Stress Connection The Gut Brain/Inflammation Exercise and the Brain Sedentary Lifestyle What the science tells us

Schedule – Day 2

7:30-8:00	Continental Breakfast
8:00-8:30	Theoretical Framework for a NeuroIntegrative Approach to Treatment
8:30-10:15	An Interactive Approach to Assessment A new perspective
10:15-10:30	Break
10:30-12:00	Assessment: Lab
12:00-1:00	Lunch (on your own)
1:00-2:00	Lab: Tools to Retrain and Relearn Functional Skills Evidence-Based Strategies Visual Vestibular Tactile Brain Gym
2:00-2:45	An Integrative Approach to Treatment/Lab Bal-A-Vis-X Exercise and the Brain
2:45-3:00	Break
3:00-4:00	Troubleshooting for Functional Outcomes Research & Resources

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Credits

This course meets the criteria for 14.5 contact hours (1.45 CEUs). Application has been made to the **MN** Board of Physical Therapy. The **WI** Board of Physical Therapy accept other Boards Approval. Approved Agency by the PT Board of **CA**. This course satisfies CE requirements for **WA** PT's. **TX** Physical Therapy Association accredited provider. This course meets the approval for Type 2 CEUs by the **TX** Board of OT Examiners. Approved sponsor by the **IL** Dept. of Financial and Professional Regulation for Physical Therapy for 17 contact hours.



Approved provider of continuing education by the American Occupational Therapy Association #3043, for 14.5 contact hours - 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.



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) Application has been made to the **WA** Speech Language Hearing Association (WSLHA) for OSPI CECHs

This program has been submitted for approval for 14.5 clock hours of continuing education credit by the **TX** Speech Language Hearing Association. (TSHA)

Please contact us with any special needs requests:
nfo@educationresourcesinc.com or 508-359-6533

Locations and Dates - 2019

March 22-23	Robbinsdale, MN	North Memorial Medical Center
July 26-27	Spokane, WA	St. Luke's Rehabilitation Institute
September 20-21	Burlington, WI	Aurora Wellness Center
October 19-20	North Richland Hills, TX	North Hills Hospital



\$435 fee. Group rate must be mailed/faxed together. Deadline for registration is 3 weeks prior to course. Registration will be accepted after deadline on a space available basis. Cancellation accepted up until 2 weeks before course, minus an administration fee of \$75. NO REFUNDS WITHIN 2 WEEKS OF COURSE.

Please make check payable and return to: Education Resources, Inc. 266 Main St., Suite 12 • Medfield, MA 02052
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Limited enrollment. We encourage you to register online!

Building the Brain/Robin Harwell

March/MN July/WA Sep/WI Oct/TX

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. Please do not make non-refundable travel arrangements until you have called us and received confirmation that the course will be held. 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# _____

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