

Outline

UNDERSTANDING NEUROANATOMY & BRAIN DEVELOPMENT

Brain stem and functions
Occipital lobe
Temporal lobe
Frontal lobe
Parietal lobe

BRAIN DAMAGE & MISSING PARTS

Neurodevelopmental screens
Examples of damage
What is working and what is not
Where to rewire
Therapy as infants – faster change
Going deep into the brain, beyond the level of damage

DEVELOPMENTAL DELAYS –

HOW TO APPROACH TREATMENTS

Developmental milestone review
Sensory motor development
Vision
Vision and hearing
Speech
Sensation
Primitive reflex patterns and influence
Opening the hands for exploration
Developmental delay and when to go back a step in therapy treatments

A NEW PERSPECTIVE ON THE NERVOUS SYSTEM & GUIDING IT FOR POSITIVE CHANGE

Lobes next door
u Videos of before and after sensory stimulation combinations
Why vision is vitally important and how it can be stimulated
How these concepts can be explained to parents and caregivers
The brain is clay and how to make a model

THE PRIMARY & SECONDARY RESULTS OF NEUROPLASTICITY TECHNIQUES

Changing the way the brain connects
Primitive reflex integration and increased active movements
The “Team” – patient, therapist, and parent/caregiver
Sensory stimulation to promote appropriate motor response
Smooth movements
Strength is not the same as tone
Simple activities to present to parents

HOW TO INTEGRATE NEUROPLASTICITY INTO YOUR THERAPY PROGRAM

Sensation is 3-dimensional
Climb through the cloth tube
Vision exercises
Sensory stimulation for high tone vs. low tone

Objectives

1. Describe the primitive reflexes' influence on movement patterns.
2. Identify the multilayer approach using neuroanatomy and brain function.
3. Evaluate strategies to incorporate techniques into home programs for parents and caregivers.
4. Recognize the importance of positive treatment sessions and verbal cues.
5. Analyze the relationship between brain dysfunction and tone abnormalities.
6. Restate different approaches to changing low and high tone qualities.

I've already planned to change course of treatment next week and to meet with my team/PT cohorts to implement techniques!

Kristin, OT

Seminar on DVD or CD Package: You can purchase a self-study package on the subject. You will receive a set of DVDs & CDs that include a digital copy of the seminar manual and post-test/evaluation. You and your colleagues can receive CE hours for a nominal fee. To determine if homestudy credits are available for your profession go to www.pesirehab.com or call 800-844-8260. Check with your licensing board to verify acceptance of self-study credits for license renewal. Order today by using the order form on this brochure or by calling 800-844-8260.

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Have a seminar idea? A manuscript to publish? The nation's top speakers and authors contact PESI first. If you are interested in becoming a speaker or have a new topic idea, please contact Meg Mickelson Graf at mgraf@pesi.com or call 715-855-8199.

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NEUROPLASTICITY FOR CHILDREN

Rewiring for Integration of Primitive Reflexes & Developmental Skills

Ellicott City, MD
Thursday
April 11, 2019

Live Video Webcast
Thursday
April 11, 2019

Fairfax, VA
Friday
April 12, 2019



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NEUROPLASTICITY FOR CHILDREN

Rewiring for Integration of Primitive Reflexes & Developmental Skills

- Evidence-based therapy methods for developmental challenges in vision, sensory, gross and fine motor and speech
- New techniques to drive rewiring information deep into the brain beyond injury sites
- Increase your effectiveness in treatment sessions
- Enhance therapy results with exercise activities that can be integrated into a daily routine at home
- Detour around the injury to produce improved development and motor control

Ellicott City, MD
Thursday
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A NON-PROFIT ORGANIZATION CONNECTING KNOWLEDGE WITH NEED SINCE 1979

Change the Brain & the Body Follows

Studies show our brains can be rewired to enhance new learning. In some cases, it acts as an adaptive mechanism to compensate for lost function or maximize remaining function in the event of brain injury. As therapists, when we treat the causes and symptoms of these motor delays, we can utilize alternate brain pathways to improve the effects of therapy. Neuroplasticity changes brain connections and hence, changes motor and cognitive functions. From congenital abnormalities to traumatic brain injuries, this course delivers new and exciting ideas on how to detour around damage and incorporate viable nervous system connections.

Learn how therapy can change the brain and how neuroplasticity can change the challenges in a child's development. With Dr. Karen Pryor as your guide, you gain creative and evidence-based approaches to incorporate into a multisensory experience to drive home the importance of diverse and novel activities during treatment sessions. Both high and low tones are discussed in depth. Video case studies will demonstrate changes before and after integrative neuroplasticity treatments. The therapy techniques learned in this one-day course can be easily integrated into the clinic or home the next day.

Speaker

Karen Pryor, PhD, PT, DPT, has a doctorate in physical therapy and has practiced for 38 years in the field. Dr. Pryor is the owner of Health Sphere Wellness Center an integrative therapy clinic in Nashville, Tennessee. Involved with early intervention in the birth-three population for over 30 years, she has developed neuroplasticity techniques that are used in a wide variety of settings, including homes, childcare centers, and school systems, to advance pediatric therapy programs. Dr. Pryor serves on several boards, including the Leadership Interagency Council for Early Intervention, (2014-2019), a position to which she was appointed by Tennessee Governor Bill Haslam. In 2010, she received the President's Volunteer Service Award for her contributions to the advanced treatment of children from President Barack Obama. In addition to her work with children, Dr. Pryor has served as an adjunct professor at the Tennessee State University Occupational Therapy School, and in the Volunteer State Community College Physical Therapy Assistant program. She is a clinical instructor for several universities and colleges. With her years of experience and passion for complete wellness, Dr. Pryor advances a more expansive view of how to integrate therapy throughout the lifespan by using neuroplasticity techniques.

Speaker Disclosures:

Financial: Karen Pryor is owner of Health Sphere Wellness Center. She receives a speaking honorarium from PESI, Inc.

Non-financial: Karen Pryor serves on the Leadership Interagency Council for Early Intervention board.



PEI Inc. is proud to offer this seminar (at these locations only) free of charge (on live seminar tuition) for veterans and active duty military personnel. **Advance registration by phone required.**

Live Webcast Details and Live Webcast Continuing Education Credit Information

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"I have been a PT for 40 years and I'd say that Dr. Pryor is one of the most innovative, intelligent, and best teachers I have ever experienced! Her class is chock-full of information, but the net effect is that you feel enhanced and capable of applying the knowledge she imparts in a practical way."

Davis, PT

"I felt enhanced and capable of applying the practical strategies Dr. Pryor imparts. She's one of the most innovative teachers I have experienced in 40 years."

Lynn, OT

"With Karen's techniques, I will be able to demonstrate more functional options to treatment that will speed progression."

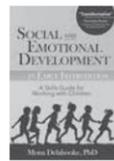
Tara, SLP

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Social and Emotional Development in Early Intervention

By Mona M. Delahooke, PhD

A groundbreaking resource for the field of early intervention. Illustrated with worksheets, charts and handouts, this reader-friendly book will provide valuable tools to nurture relationships, measure progress, reduce child stress, address challenging behaviors and promote self-regulation.



Calm & Alert

Yoga and Mindfulness Practices to Teach Self-regulation and Social Skills to Children

By Helene McGlauffin, MED, LCPC, KYT

Calm and Alert gives classroom teachers, special needs teachers, therapists, yoga teachers and parents an innovative, step-by-step approach to teaching self-regulation and social skills to children by utilizing their body, mind and breath. Developed by an experienced counselor, educator, and yoga teacher, Helene McGlauffin, *Calm & Alert* is filled with unique mindfulness exercises, yoga poses and lesson plans to help both typically developing and special needs children.

Live Seminar & Webcast Schedule

(Times listed in Eastern)

7:30 Check-in/Morning Coffee & Tea

8:00 Program begins

11:50-1:00 Lunch (on your own)

4:00 Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon).

Actual lunch and break start times are at the discretion of the speaker.

A more detailed schedule is available upon request.

Live Seminar Continuing Education Credit Information

Credits listed below are for full attendance at the live event only. After attendance has been verified, pre-registered attendees will receive an email from PESI Customer Service with the subject line, "Evaluation and Certificate" within one week. This email will contain a link to complete the seminar evaluation and allow attendees to print, email or download a certificate of completion if in full attendance. For those in partial attendance (arrived late or left early), a letter of attendance is available through that link and an adjusted certificate of completion reflecting partial credit will be issued within 30 days (if your board allows). Please see "LIVE SEMINAR SCHEDULE" on this brochure for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch.

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OCCUPATIONAL THERAPISTS & OCCUPATIONAL THERAPY ASSISTANTS: PESI, Inc. is an AOTA Approved Provider of continuing education. Provider #: 3322. Full attendance at this course qualifies for 6.0 contact hours or .6 CEUs in the Category of Domain of OT and Occupational Therapy Process. Partial credit will be issued for partial attendance. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. Course Level: Intermediate.

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MARYLAND PHYSICAL THERAPISTS AND PHYSICAL THERAPIST ASSISTANTS: This course has been submitted to the Maryland Board of Physical Therapy Examiners for review.

VIRGINIA PHYSICAL THERAPISTS AND PHYSICAL THERAPIST ASSISTANTS: This course has been submitted to the Virginia Physical Therapy Association. Credit is pending.



PSYCHOLOGISTS: This activity consists of 6.0 clock hours of continuing education instruction. The following state psychologist boards recognize activities sponsored by PESI, Inc. as an approved ACCME provider: Alaska, Arkansas, California, Colorado, Georgia, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, Pennsylvania and South Carolina. Certificates of attendance will be issued for you to submit to your state licensing board to recognize for continuing education credit. Full attendance is required; no partial credits will be offered for partial attendance.

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APPROVED PROVIDER

PESI, 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.

SPEECH-LANGUAGE PATHOLOGISTS: This course is offered for .6 ASHA CEUs (Intermediate level, Basic Communication Processes area).

** Please note that Speech-Language Pathologists who participate in the live webcast will be required to complete additional steps if they want their participation submitted to the ASHA CE Registry. Detailed instructions will be provided the day of the program under the Handouts Section of the webcast.

SOCIAL WORKERS: PESI, Inc. Provider #:1062, is approved as a provider for social work continuing education by the Association of Social Work Boards (ASWB), www.aswb.org through the Approved Continuing Education (ACE) Program. PESI, Inc. maintains responsibility for the program. ASWB Approval Period: January 27, 2017 - January 27, 2020. Social workers should contact their regulatory board to determine course approval for continuing education credits. Social workers participating in this course will receive 6.25 (Clinical Practice) continuing education clock hours for this Intermediate course. A certificate of attendance will be awarded at the end of the program to social workers who complete the program evaluation. Full attendance is required; no partial credits will be offered for partial attendance.

OTHER PROFESSIONS: This activity qualifies for 380 minutes of instructional content as required by many national, state and local licensing boards and professional organizations. Save your course outline and certificate of completion, and contact your own board or organization for specific requirements.

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• **\$30 Tuition:** If you are interested in being our registration coordinator for the day, go to: www.pesirehab.com/coord for availability and job description, or call our Customer Service Dept. at 800-844-8260.

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