

Outline

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

BIGGEST CHALLENGES IN DEVELOPMENTAL DELAYS

High tone
Low tone
Nystagmus
Tremors

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
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

Live Seminar & Webcast Schedule

(Times Listed in Central)

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.

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.

Don't Miss!
LIVE VIDEO WEBCAST

FRIDAY
October 11, 2019

REGISTER ONLINE
pesirehab.com/webcast/73048

Bring any training in-house!



Convenient • Cost-Effective • Customizable

for more information visit

www.pesirehab.com/inhouse

NON-PROFIT ORG
US POSTAGE PAID
EAU CLAIRE WI
PERMIT NO 32729

PESI Rehab
P.O. Box 1000
Eau Claire, WI 54702-1000
A Division of PESI, Inc.

NEUROPLASTICITY FOR CHILDREN

Neural Reconnections to
Change High & Low Muscle Tone,
Tremors, and Reflex Patterns



Karen Pryor, PhD, PT, DPT,
national presenter and expert in neuroplasticity techniques for children

Appleton, WI
October 10, 2019

Brookfield, WI
October 11, 2019

Live Video Webcast
October 11, 2019



REGISTER NOW:
pesirehab.com/express/72900

NEUROPLASTICITY FOR CHILDREN

Neural Reconnections to
Change High & Low Muscle Tone,
Tremors, and Reflex Patterns



Karen Pryor, PhD, PT, DPT,
national presenter and expert in
neuroplasticity techniques for children

- 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
- 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

Appleton, WI
Thursday
October 10, 2019

Brookfield, WI
Friday
October 11, 2019

Live Video Webcast
Friday
October 11, 2019

REGISTER NOW:
pesirehab.com/express/72900



A NON-PROFIT ORGANIZATION CONNECTING
KNOWLEDGE WITH NEED SINCE 1979

REHAB SUMMIT

LAS VEGAS

July 29–August 1, 2020
rehabsummit.com

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 40 years in the field and author of *Ten Fingers Ten Toes: Twenty Things Everyone Needs to Know*. 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 35 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.

"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

Valuable Seminar for Professionals

Physical Therapists • Physical Therapist Assistants • Occupational Therapists • Counselors
Occupational Therapy Assistants • Speech-Language Pathologists • Social Workers • Psychologists
Speech-Language Pathology Assistants • Early Childhood Special Education Teachers • Early Childhood Staff

Hassle-Free Cancellation Policy:

If you contact us before the event date, you can exchange for a DVD or CD/digital manual package on the subject (self-study continuing education credit may be available), a certificate to attend another seminar, or receive a tuition refund less a \$30 cancel fee. Substitutions are permitted at any time.

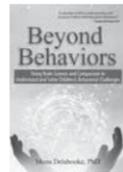


Seminar on DVD or CD Package:

You can purchase a self-study package on the subject. You will receive a set of DVDs or 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.

PESI, 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. **Limited seats available; advance online registration required.**

***SAVE by including these products with your seminar registration!**

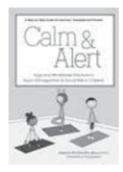


Beyond Behaviors:

Using Brain Science and Compassion to Understand and Solve Children's Behavioral Challenges

By Mona M. Delahooke, PhD

In *Beyond Behaviors*, internationally known pediatric psychologist, Dr. Mona Delahooke describes behaviors as the tip of the iceberg, important signals that we should address by seeking to understand a child's individual differences in the context of relational safety. Featuring impactful worksheets and charts, this accessible book offers professionals, educators and parents tools and techniques to reduce behavioral challenges and promote psychological resilience and satisfying, secure relationships.



Calm & Alert:

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

By Helene McGlaufflin, 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 McGlaufflin, *Calm & Alert* is filled with unique mindfulness exercises, yoga poses and lesson plans to help both typically developing and special needs children.

Questions? Call customer service at 800-844-8260

Live Webcast Details and Live Webcast Continuing Education Credit Information

Join us on October 11, 2019, for this live, interactive webcast! Invite your entire office and, like a live seminar, "attend" the webcast at its scheduled time. It's easy and convenient! Webcasts provide everything you need for a premier educational experience including real-time video and audio of the speaker. See and hear the speaker, ask questions via email and have them answered during the webcast, and watch the slides all on your computer screen. Seminar materials are available for download. One CE Certificate is included. Certificates of Completion can be printed after completing and passing the on-line post-test evaluation. Additional certificates are available for \$49.99 USD per participant. Please see "live seminar schedule" for full attendance start and end times. NOTE: Boards do not allow credit for breaks or lunch. For CE information for the live webcast, please visit: www.pesirehab.com/webcast/73048

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.

If your profession is not listed, please contact your licensing board to determine your continuing education requirements and check for reciprocal approval. For other credit inquiries not specified below, or questions on home study credit availability, please contact cepesi@pesi.com or 800-844-8260 before the event.

Materials that are included in this course may include interventions and modalities that are beyond the authorized practice of mental health professionals. As a licensed professional, you are responsible for reviewing the scope of practice, including activities that are defined in law as beyond the boundaries of practice in accordance with and in compliance with your profession's standards.

PESI, Inc. offers continuing education programs and products under the brand names PESI, PESI Healthcare, PESI Rehab and Psychotherapy Networker.

COUNSELORS: This intermediate activity consists of 6.25 clock hours of continuing education instruction. Credit requirements and approvals vary per state board regulations. Please save the course outline, the certificate of completion you receive from the activity and contact your state board or organization to determine specific filing requirements.

WISCONSIN COUNSELORS: This intermediate activity consists of 6.25 clock hours of continuing education instruction. Credit requirements and approvals vary per state board regulations. Please contact your licensing board to determine if they accept programs or providers approved by other national or state licensing boards. A certificate of attendance will be awarded at the end of the program to participants who are in full attendance and who complete the program evaluation.

EDUCATORS/TEACHERS: This course is designed to qualify toward your professional development requirement. The program is 6.25 clock hours in length.

WISCONSIN EDUCATORS: This course may be used toward your Professional Development Plan if it meets your individual goals. Please contact DPI with questions regarding individual PDP's. This course is 6.25 clock hours.

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.

PHYSICAL THERAPISTS & PHYSICAL THERAPIST ASSISTANTS: This activity consists of 6.25 clock hours of instruction that is applicable for physical therapists. CE requirements for physical therapists vary per state/jurisdiction. Please retain the certificate of completion that you receive and use as proof of completion when required.

WISCONSIN PHYSICAL THERAPISTS & PHYSICAL THERAPIST ASSISTANTS: This course has been submitted to the Wisconsin 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, Maine, Maryland, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, Oklahoma, Pennsylvania, South Carolina and Wisconsin. 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.

PESI, Inc. designates this live activity for a maximum of 6.0 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity. PESI, Inc. is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education.

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).

SPEECH-LANGUAGE PATHOLOGISTS ONLY: To be reported to ASHA, while completing the online post-test/evaluation, please answer YES to the question: "Are you a Speech-Language Pathologists and/or Audiologist requesting to have your credit hours reported to the ASHA CE Registry to earn ASHA CEUs?" and include your ASHA number. After completing and passing the online post-test/evaluation, your information will automatically be sent to cepesi@pesi.com to be reported. If you forget to answer yes, please send an email to cepesi@pesi.com with the following information: full title of the activity, speaker name, date of live broadcast, date you completed the post-test, and your name and your license number.

SOCIAL WORKERS: PESI, Inc., #1062, 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. PESI, Inc. maintains responsibility for this course. ACE provider approval period: January 27, 2017 - January 27, 2020. Social Workers completing this course receive 6.25 Clinical Practice continuing education credits. Course Level: Intermediate. Full attendance is required; no partial credits will be offered for partial attendance. A certificate of attendance will be awarded at the end of the program to social workers who complete the program evaluation.

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.

QUESTIONS? Call 800-844-8260 or e-mail us at info@pesirehab.com.

How to Register:

NEUROPLASTICITY FOR CHILDREN: NEURAL RECONNECTIONS TO CHANGE HIGH & LOW MUSCLE TONE, TREMORS, AND REFLEX PATTERNS

ONLINE

pesirehab.com/express/72900

PHONE

800-844-8260

Please have credit card available

FAX

800-554-9775

MAIL

PESI REHAB
PO Box 1000
Eau Claire, WI
54702-1000

2 Check location:

(make copy of locations)

APPLETON, WI
October 10, 2019
Red Lion Hotel Paper Valley
333 W College Ave • 54911
(920) 733-8000

72900APP

BROOKFIELD, WI
October 11, 2019
Sheraton Milwaukee-Brookfield
375 S Moorland Rd • 53005
(262) 364-1100

72900BRO

LIVE VIDEO WEBCAST
October 11, 2019
Broadcast LIVE to your computer!

PLW72900

PLEASE RETURN ENTIRE REGISTRATION FORM

REGISTER NOW:
pesirehab.com/express/72900

ADA NEEDS

We would be happy to accommodate your ADA needs; please call at least two weeks prior to the seminar date.

WALK-INS

Walk-ins are welcome but admission cannot be guaranteed. Call M-F 7:00-6:00 Central Time for space availability if registering within one week of seminar.

TUITION OPTIONS

- FREE Military Tuition:** PESI 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. *Limited seats available; advance online registration required.*
- \$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.
- Groups of 5 or more:** Call 800-844-8260 for discounts.
- Discounted Student Rate:** As part of its mission to serve educational needs, PESI, Inc. offers a reduced rate of 50% off standard tuition for students. Enclose a current student schedule with registration form. Go to www.pesirehab.com/students or call 800-844-8260 for details. *Advance registration required. Cannot be combined with other discounts.*

3 Check tuition:

ON-SITE TUITION with seminar manual

\$219.99 – choose one of the options below:
 per person for 2 or more preregistering together —OR—
 single registration postmarked 3 weeks prior to seminar date
 \$249.99 standard

ADD-ON PRODUCTS

Distributed at seminar—FREE SHIPPING!

- \$29.99*** *Beyond Behaviors* book
 \$26.99* *Calm & Alert* book

*Attendees add applicable state and local taxes except in AK, DE, MT, NH, OR

WEBCAST with downloadable seminar manual

- \$219.99** registration (+ tax in HI, MN, NM, PA, WI)
 \$20.00 IL ISBE Certificate Processing Fee
For more information on this fee contact cepesi@pesi.com

4 Indicate method of payment:

ALL REGISTRATIONS MUST BE PREPAID. Purchase orders welcome (attach copy).

Check enclosed payable to **PESI, Inc.**

MC VISA AE Discover Novus
16 digits 13-16 digits 15 digits 16 digits

Card # _____

Card Exp. _____ V-Code #*: _____

Signature _____

(*MC/VISA/Discover: last 3-digit # on signature panel on back of card.)

(*American Express: 4-digit # above account # on face of card.)

CAN'T ATTEND THE SEMINAR?

See below for individual product orders

Neuroplasticity for Children
___ Seminar on DVD* (video) \$219.99 (RNV020763)
___ Seminar on CD* (audio) \$219.99 (RNA020763)
___ *Beyond Behaviors* book* \$29.99 (PUB085405)
___ *Calm & Alert* book* \$26.99 (PUB085445)

CE hours and approvals on products may differ from live CE approvals.	Product total \$ _____
*Shipping is \$6.95 first item + \$2.00 each add'l item.	*Shipping _____
**Residents add applicable state and local taxes except in AK, DE, MT, NH, OR	Subtotal _____
	**Tax _____
	TOTAL _____