

## NEUROPLASTICITY FOR PEDIATRICS:

### *Rewiring for Integration of Primitive Reflexes to Promote Developmental Skills*

#### PRESENTED BY

**KAREN PRYOR, PHD, PT, DPT, ND, CH**

#### WHEN

**Monday, February 24, 2020**

8:00 AM - 3:30 PM

#### WHERE

Young Israel of Jamaica Estates  
83-10 188th Street  
Jamaica Estates, NY (Queens)

#### COURSE DESCRIPTION:

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 1-day course can be easily integrated into the clinic or home the next day.*

**“CHANGE THE BRAIN & THE BODY FOLLOWS”**

#### TARGET AUDIENCE:

OT'S, COTA'S, PT'S, PTA'S, SLP'S,  
SPECIAL EDUCATION TEACHERS,  
EARLY INTERVENTIONISTS

#### LEVEL OF INSTRUCTION:

MIXED LEVEL

#### INSTRUCTIONAL METHODS

AUDITORY—SPEAKER, VISUAL—  
SLIDES, KINESTHETIC—INTERACTIVE  
DEMONSTRATION AND PRACTICE

#### COST \$259

EARLY REGISTRATION \* \$239  
**GROUP OF 3 OR MORE \* \$219**  
\* **POSTMARKED BY FEB 3, 2020**

#### CEU'S 6 CONTACT HOURS

6 NBCOT PDUS/.6 CEUS,  
6 CTLE CREDIT HOURS

#### CERTIFICATES WILL BE AWARDED



TheraMoves is an AOTA Approved Provider of continuing education “The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.” (APP # 11168 ) Approved by AOTA for .6 CEU, 6 contact hours, mixed domain of OT performance skills.

TheraMoves Services, LLC is recognized by the NYSED's State Board for PT as an approved provider of PT & PTAs continuing education **(7.2 credit hours)**

Approved for 6 contact hours by NYSED's State Board for **speech-language pathologists**

Approved by NYSED for Continuing Teacher and Leader Education (CTLE hours) (CTLE approval 23490)

*Credits listed are offered by TheraMoves for a full day's attendance Partial credit will be issued for partial attendance*

**TO REGISTER - email:**  
**info@theramoves.com**

# AGENDA

**8:00 – 10:15 am UNDERSTANDING NEUROANATOMY & BRAIN DEVELOPMENT** \* Brain stem and functions \* Occipital lobe \* Temporal lobe \* Frontal lobe \* Parietal lobe \* Cerebellum

**10:30-11:30 am BRAIN DAMAGE & MISSING PARTS:** \* Neurodevelopmental screens \* Examples of damage \* What is working and what is not \* Where to rewire to increase function \* Going deep into the brain, beyond the level of damage

**11:30-12:30pm DEVELOPMENTAL DELAYS – HOW TO APPROACH TREATMENT** \* Developmental milestone review \* Sensory motor development \* Vision \* Vision and hearing \* Speech \* Sensation \* Primitive reflex patterns and influence \* How to disengage the power of primitive reflex patterns \* Opening the hands for exploration \* What to do about developmental delays

**12:30 – 1:30 pm 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

**1:30 – 2:15 pm 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

**2:30-3:30 pm HOW TO INTEGRATE NEUROPLASTICITY INTO YOUR THERAPY PROGRAM** \* Sensation is 3-dimensional \* Vision exercises \* Sensory stimulation for high tone vs. low tone and how tone will change

*2–fifteen minute breaks will be taken mid-morning and mid-afternoon as needed*

**REFRESHMENTS WILL BE SERVED. LUNCH IS ON YOUR OWN**

## LEARNING OBJECTIVES:

**AT THE END OF THIS SEMINAR THE PARTICIPANT WILL BE ABLE TO...**

- Describe the principles of neuroplasticity and how the nervous system learns and can rewire around damage.
- Describe the primitive reflexes' influence on movement patterns
- Identify the multilayer approach using neuroanatomy and brain function
- Identify the relationship between brain dysfunction and tone abnormalities
- Demonstrate techniques with hands-on learning sessions to increase or decrease muscle tone.
- Analyze and perform techniques to change visual abilities for leading and integrating primitive reflex patterns.
- Apply techniques to multiple diagnoses to enhance progress in developmental skills.
- Evaluate strategies to incorporate techniques into home programs for parents and caregivers

**CANCELLATION POLICY:** We reserve the right to cancel any course due to extenuating circumstances. Please do not make non-refundable travel arrangements until you contacted us &/or received confirmation that the course will be held. We are not responsible for any expenses incurred by participants if the course must be cancelled.

**REFUND POLICY:** A full refund less \$75 dollars administrative fee per course will be given for cancellations received up to 10 days prior to the course. After that no refunds will be given for cancellations unless a replacement participant registered.

*Please contact us with any special needs requests at least 2 weeks prior to course*

**TO REGISTER - EMAIL—[INFO@THERAMOVES.COM](mailto:INFO@THERAMOVES.COM)**

**OR CALL (347) 379-1359 - VISIT [WWW.THERAMOVES.COM](http://WWW.THERAMOVES.COM)**

## PRESENTERS BIO:

**KAREN PRYOR, PhD, PT, DPT**, has a doctorate in physical therapy and has practiced for 40 years in the field. Involved with birth to three through early intervention since 1986, she developed techniques to be utilized in homes, childcare centers, and school systems to advance therapy programs in children. Karen is a sought after speaker on Neuroplasticity across the United States. Dr. Pryor serves on the Board of Leadership Interagency Coordinating Council for early intervention, appointed by Governor Bill Haslam and Governor Bill Lee of Tennessee from 2014-2024. Karen received President's award for Volunteer Service in Tennessee for the advancement of treatment of children in 2010 from President Barack Obama. In addition, she was an adjunct professor at Tennessee State University for the Occupational School (2012-2013) as well as Volunteer State University Physical Therapy Assistant School (2008-2009). Currently, she is a Certified Clinical Instructor for several additional colleges and universities (e.g., University of Tennessee at Chattanooga, Tennessee State University, Daymar College, Volunteer State Community College and Nashville State Community College). In conjunction with her teaching duties, Dr. Pryor is active on boards of Tennessee State University, Daymar College, and Nashville State Community College. With her years of experience and passion for complete wellness, Dr. Pryor assists in advancing the wider view of how therapy can be integrated from birth through a person's lifespan.

**DISCLOSURE: Financial:** Dr. Karen Pryor is owner of Health Sphere Wellness Center. She receives a speaking honorarium from TheraMoves Services, LLC. for the presentation. **Non-financial:** Karen Pryor serves on the Leadership Interagency Council for Early Intervention board.