

Easterseals Northeast Central Florida hosts with Vyne Education

# Neuroplasticity for Children: Advanced Techniques

## Objectives:

- ✓ **Review of the nervous system and how it can be rewired around damage**
- ✓ **Identify principles of neuroplasticity and how to use them in a developmentally progressive manner**
- ✓ **Apply techniques to multiple diagnoses to enhance progress in developmental skills**
- ✓ **Demonstrate techniques with hands-on learning sessions to increase or decrease muscle tone**
- ✓ **Evaluate how neuroplasticity and rewiring of the nervous system can decrease tremors**
- ✓ **Analyze techniques to change visual abilities for leading and integrating primitive reflex patterns**

## Pricing Information

Early Registration - \$125 best price before Aug 1st

Late Registration - \$175

Walk-ins accepted pending space available.

Register online at [www.esnecfl.org](http://www.esnecfl.org) or call 386-944-7856.

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# Neuroplasticity for Children: Advanced Techniques

Following up on her foundational and exceptionally well-attended course **Neuroplasticity for Children - Rewiring for Integration of Primitive Reflexes & Developmental Skills**, Dr. Karen Pryor (PhD, PT, DPT) offers numerous advanced evidence-based strategies for therapists to enhance a child's development - in the therapy session, classroom, and at home.

With this follow-up course, Dr. Pryor delves further into the layers of the brain in a relatable and functional manner. She begins by guiding you through various diagnoses, follows by elaborating on the various central nervous system challenges, and finally she shows you how neuroplasticity techniques can rewire neural pathways around the damaged areas. Proven methods of how, why, and what works will be demonstrated through multiple case studies. You will learn how Physical, Occupational and Speech therapy support brain changes, stability, and functional body movement for the child. Precursor positions allow more success in oral, head, neck, trunk, and extremity functions. With evidenced-based advanced multisensory techniques, case study presentation, hands-on practice, and a step-by-step, treatment-specific take-home exercise program, you walk away with tools that can easily be integrated into the clinic or home the very next day.

## About the Speaker

**KAREN PRYOR, PHD, PT, DPT**, has a doctorate degree in physical therapy and has practiced for 37 years in the field. Involved with birth to three through early intervention since 1986, she has developed techniques to be utilized in homes, clinic, childcare centers, and school systems to advance therapy programs in children. Appointed by Tennessee Governor Bill Haslam from 2014-2019, Dr. Pryor serves on the Board of Leadership Interagency Coordinating Council for early intervention. In 2010, she received the President's Volunteer Service Award from President Barack Obama for the advancement of treatment of children.



In addition, Dr. Pryor was an adjunct professor at Tennessee State University Occupational Therapy School (2012-2013) as well as Volunteer State Community College Physical Therapy Assistant School (2008-2009). Currently, she is a Certified Clinical Instructor for several additional colleges and universities, including the University of Tennessee and Belmont University. Dr. Pryor is also active on the boards of Caring Health Foundation, Daymar College, and Nashville State Community College. She has been a Physical Therapy tester for the Peabody Developmental Motor Scale 3, and is involved with a Neonatal Abstinence Committee pilot research group (babies born addicted) in Nashville, Tennessee. 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—Receives a speaking honorarium Vyne Education.

Nonfinancial—No relevant nonfinancial relationship exists.

**Daytona Beach, FL**

**August 14, 2017**

## COURSE OUTLINE

### INSIDE THE BRAIN

- Brain stem anatomy
- Midbrain structures and relationship to changing function
- Cranial nerve review and how they can impact therapy sessions
  - Vision, vestibular, and olfactory
  - Auditory
- Midbrain structures and relationship to changing function
  - Primitive reflexes
- Cortical lobes of the brain
  - Frontal – emotional links
  - Temporal – language
  - Parietal – sensory, motor
  - Occipital – vision
  - Rewiring potential avenues

### DETERMINING A THERAPY ROUTE – WAKING UP THE NERVOUS SYSTEM PATHWAYS

- Patient diagnosis
- Scans available
- What functions are working
- Tone qualities
- Tremor symptom description, duration, nature
- Medications/bracing/splints
- What are evident challenges
- Determining pathways toward progress
- Patient/family goals

### CASE STUDY OF NEUROPLASTICITY AT WORK

- Symptoms and diagnosis
- Videos
- Treatments utilized
- Results

### HANDS-ON LAB

- Stimulation of the nervous system –awaken pathways
- Rub/brush/vibrator techniques
- Rock, roll, and swing
- Visual tracking
- Proprioceptive stimulation spine, upper, and lower extremities
- Hands to midline – where to hold the arm
- Tone changing essentials

### HOW TO DEVELOP A PATIENT-SPECIFIC TREATMENT PLAN

- Diagnosis related to function
- Symptoms versus cause -relationship and treatment modes
- How to use neuroplasticity to rewire function
- Techniques to assure alignment of feet and retain sensitivity for control of balance
- Use of the senses to change motion control

## Seminar Schedule

**Registration:** 7:30 am

*(coffee provided)*

**Seminar Begins:** 8:00 am

**Lunch Break:** 1 hour

*(on your own)*

**Seminar Ends:** 3:30 pm

**Arriving late or leaving early?**

*Please see "Amended Certificates" information under CONTINUING EDUCATION CREDIT section of this brochure.*

## Who Should Attend

- ✓ Physical Therapists
- ✓ Physical Therapist Assistants
- ✓ Occupational Therapists
- ✓ Occupational Therapy Assistants
- ✓ Speech Language Pathologists
- ✓ Speech Language Pathology Assistants
- ✓ Vision Therapists
- ✓ Early Childhood Special Education Teachers
- ✓ Early Childhood Staff

## What You Should Bring

- ✓ Attendees will be contacted prior to the seminar on what to bring
- ✓ Wear comfortable clothing and plan to be on the floor if possible

## Date & Location

**DAYTONA BEACH, FL**

August 14, 2017

**Keiser University**

**1800 Business Park Blvd**

**Daytona Beach, FL 32114**

With Questions or special needs, contact Dorothy Lefford, OTR/L Clinical Director at 386-944-7856 or [dlefford@esnecfl.org](mailto:dlefford@esnecfl.org).

## Confirmations & Cancellations

Confirmations of registration are sent via email within three days of receipt in our office. Add [dlefford@esnecfl.org](mailto:dlefford@esnecfl.org) to your email address book to ensure delivery. **If you have not received a confirmation, you may call our office at 386-944-7856 to verify registration.** Cancellations received at least five working days before the event are refundable less a \$20 administrative charge per registrant. There is no refund for cancellations received later. Please note that if you register and do not attend, you are still liable for full payment. Substitutions may be made at any time.

## Our Guarantee Statement

If you are not satisfied after participating in one of our programs, let us know in writing within seven days, and we will issue a credit voucher for you or anyone in your facility to use toward another seminar, audio, video, or online product. Contact us at [customerservice@vyne.com](mailto:customerservice@vyne.com).

*Any opinions, findings, recommendations, or conclusions expressed by the author(s) or speaker(s) do not necessarily reflect the views of Vyne Education. Vyne Education reserves the right to substitute a qualified instructor due to unforeseen circumstances.*

## Continuing Education Credit

*If you do not see your respective state listed, please review your rules/regulations as many states have reciprocal agreements with other state boards/associations.*

### Occupational Therapists, Occupational Therapy

**Assistants:** VYNE Education, LLC is an AOTA Approved Provider of continuing education. This course is offered for .6 AOTA CEUs. The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA. AOTA Educational level Introductory, Category 1: Domain of OT, 2: Occupational Therapy Process.



**Florida:** VYNE Education, LLC is an approved provider #50-466 with the Florida Department of Health Board of Occupational Therapy Practice. This course is approved for 6 contact hours for Occupational Therapist and Occupational Therapy Assistants.

### Physical Therapists, Physical Therapist Assistants:

**Florida:** This program has been approved by the Florida Physical Therapy Association for 7 continuing education hours (Approval #CE17-585362). Accreditation of this course does not necessarily imply the FPTA supports the views of the presenter or the sponsors.



Vyne Education, LLC 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, Audiologists:

This course is offered for .6 ASHA CEUs (Intermediate level; Professional area).

**Educators:** This educational offering may qualify toward your professional development requirement. The educational offering consists of 6 clock hours. Use this information and your board rules and regulations to calculate professional development/continuing education credit.

**Other Professions:** This educational offering qualifies for 6 continuing education hours 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 filing requirements.

**All Professionals:** In order to process continuing education, please bring the appropriate license/certification number to the seminar.

### Certificates, Educational Offering Completion Requirements:

Certificates will be awarded upon receipt of payment and successful completion of the educational offering and evaluation form.

**Amended Certificates:** Please note that the credit hours listed above are offered by VYNE Education and/or boards/associations for a full day's attendance. In the event of late arrival and/or early departure, amended certificates indicating the actual number of credit hours earned will be provided upon calling VYNE Education.

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