

# Motor Issues in Autism

Anne Buckley-Reen OTR, RYT

## Faculty

Anne Buckley-Reen, OTR, RYT is a pediatric occupational therapist and therapeutic yoga instructor with over 30 years of pediatric experience. A researcher, clinician, consultant and program developer, Anne has worked with students with ASD from preschoolers through adult. Anne's popular researched daily movement curriculum "The Get Ready to Learn Program" is widely used in NYC schools as well as nationally and internationally. Join Anne for an exciting NEW 2-day workshop offering strategies that will help you make connections and build skills with some of our most challenging clients.

Disclosure: Financial: Anne Buckley-Reen receives a speaking fee from Education Resources for this course and receives proceeds from distribution of each DVD. Non-Financial: She has no non-financial relationships to disclose.

"I have practiced occupational therapy in a pediatric setting for over 13 years and this is the best course I have ever attended! Anne is an amazing teacher providing the knowledge and strategies to truly change the lives of the children we serve." - Course

Participant

## About This Live Webinar

Do you work with students on the spectrum? • Are some of your clients "self-directed" and/or "in their own world?" • Are you dealing with reactive behaviors? • Do you have difficulty getting engagement-making a connection? • Do you find play and motor skills limited and/or perseverative? • Encountering self-stimulatory behaviors and not sure what they mean • Do your students just want to watch? • Are you exhausted at the end of some sessions?

Join us as we focus on motor skills in ASD and evidence-based interventions that address motor as well as coexisting social and communicative challenges. For decades, autism has been defined as a triad of deficits in social interaction, communication, and imaginative play. Children on the autistic spectrum may have difficulties with posture, coordination, and motor planning. Recent studies show that movement difficulties are common in children on the autistic spectrum, and poor motor skills are associated with greater difficulties with social communication. Participation in activities, building relationships, and reciprocal communication require neurological systems to coordinate and synchronize the processing, organization, and regulation of sensory information and movement. Differences in body awareness and motor planning can result in avoidance of, or poor response to, many activities that support motor development. Anxiety, self-regulatory and sensory processing challenges often respond to movement activities which enhance brain-body feedback for successful and organized engagement.

## Objectives

- Identify at least three common motor challenges in children with ASD
- Describe the relationship between sensory processing, body awareness, and atypical motor performance
- Identify and apply two motor activities (based on research) to support engagement and motor skills development
- Describe the movement feedback challenges in ASD
- Identify and apply at least two preparatory routines to address fear and withdrawal from motor activities

## Audience

This course is relevant for Physical Therapists, Physical Therapist Assistants, Occupational Therapists, Occupational Therapy Assistants working with children on the autism spectrum from pre-school to school age.

## Schedule – Day 1 8:10 am - 3:30 pm EST (US)

8:10–8:30am Webinar Registration/Zoom Course Opens

8:30am-12:00pm Introduction

ASD Defined

Brain-Body Challenges for Children on the Spectrum

- Neurological and motor development variations in ASD - the cerebellum and beyond (Including Nutritional impact on motor development)

Developmental Foundations for Motor Skills:

- Developmental Clues- Ages, Stages and Activities
- Clinical Observations - Gross, Fine and Perceptual Motor Milestones

Sensory- Motor System Overview

- Body Awareness and Body Scheme - The “Map of Me”

12:00-12:30pm Lunch

12:30-3:30pm Sensory- Motor System Overview (cont.)

- Body Awareness, The sensory system and atypical motor patterns
- **LAB:** Introduction to basic body awareness activities
- Stress/motor connection in ASD
- Self stimulatory motor behaviors- when, and why
- Atypical motor patterns and performance

Gross Motor Challenges Including

- Motor immaturity
- Balance
- Coordination
- Walking/ Running: Gait deviations in ASD
- Stopping or Starting
- Perseverative movements
- 

## Schedule – Day 2 8:10 am - 3:30 pm EST (US)

8:10–8:30am Webinar Registration/Zoom Course Opens

8:30am-12:00pm Evidence Based Physical Activity Interventions

- Praxis/motor planning
- The single channel processor
  - Learning in steps
  - Modelling and mirroring
  - The power of repetition
- Ideation- strategies and supports- using visuals- the when, where, how and why
- Initiation- getting started
- Therapeutic use of music to facilitate movement organization
- Frequency, intensity and duration of interventions to “rewire” and enhance the body-brain connection

12:00-12:30pm Lunch

12:30- 3:30pm Expanding Motor Schemes/Building Skills

Sequencing - one step at a time

- Timing and rhythm - using sound and music to organize movement and breath
- Feedback - enhancing awareness- what do I feel?
- Feed-forward- anticipating next steps  
accessing motor memory
- **LAB:** Expanding movement and motor skills in the classroom, the home and the community
- Perceptual motor/ fine motor skill development

*Two 15-minute breaks will be scheduled each day*

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### Credits

This course meets the criteria for 12 contact hours (1.2) CEUs, Intermediate Level.



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NBCOT professional development provider - 12 PDU.

Approved provider of the FL Board of Occupational Therapy-CE Broker 14-hours. This course meets the approval of the TX Board of OT Examiners.

Most Physical Therapy State Boards accept webinars as a live offering. Please check with your state board to confirm.

Application has been made to Illinois EI Training Program.

Approved by the NJ Board of Physical Therapy Examiners. Approved by the FL Physical Therapy Association for 14 continuing education contact hours. Approved sponsor by the State of IL Department of Financial and Professional Regulation for Physical Therapy for 14 contact hours. Approved provider by the NY State Board of Physical Therapy for 14 contact hours (1.4) CEUs. Approved by the MD and OK Boards of Physical Therapy.

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The following state boards of physical therapy either do not require course pre-approval or do not require CEUs for re-licensure: AL, CO, CT, IA, MA, ME, MT, NE, ND, NH, SD, WA.

12 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification.

Please contact us with any special needs requests: [info@educationresourcesinc.com](mailto:info@educationresourcesinc.com) or 800-487-6530.

### WEBINAR DATES AND TIMES

October 22 and 23, 2021

8:10 am EST • 7:10 am CST • 6:10 am MST • 5:10 am PST (US)

Registration is for both days. Zoom log-in instructions and course materials will be emailed/added to your ERI account 5-7 days prior to the first date of the Webinar.



\$369 fee. **LIMITED ENROLLMENT** Cancellation will be accepted until 14 days prior to the start date of the course, minus a \$75 Administration Fee. There will be NO REFUNDS after this 14 day deadline. We encourage you to register online!

### WEBINAR: Motor Issues in Autism – Anne Buckley-Reen

October 22 and 23, 2021

#### Course Registration Form

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Needed in the event of an emergency scheduling change

Email: \_\_\_\_\_

Please clearly print your email address for course confirmation

Employer: \_\_\_\_\_

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