



# Powered Up & Running: Modulation & Posture for Treating Sensory Motor Dysfunction

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## Description:

Have you ever wondered why rocking is a lifelong strategy for self-organization, but in some cases it is viewed as mal-adaptive? Why rolling is so important to normal development, and movement so important to a life of mobility, learning, health and well-being? The populations we treat are demonstrating severe deficits in the ability to regulate their behavior with respect to sleep/wake patterns, eating/digesting/eliminating patterns, social interaction, communication and learning and memory. The neuroscience of the last 25 years has contributed massive amounts of information to not only help us understand modulation and the part postural functions contribute to modulation and motor skill development, but also to help us design treatment programs that can significantly and quickly support development in these areas.

This course will examine the what, why and how of typical and atypical development related to modulation/self-regulation and postural control from both a neuroscience and a clinical perspective. Participants will learn to assess modulation and postural functions, plan a course of treatment and evaluate its effectiveness. Special attention will be given to the neurological science that supports intervention, and treatment principles and strategies that facilitate both modulation and postural outcomes.

## Objectives: Participants will be able to

1. Describe "modulation" as a function of brainstem neurochemistry;
2. Relate modulation neurochemistry to emotion, motivation, meaning, and purpose;
3. Apply effective therapeutic strategies to promote meaningful, purposeful function;
4. Implement treatment principles and strategies to facilitate development and refinement of postural mechanisms;
5. Apply treatment principles and strategies that facilitate modulation at the brainstem level to address behavioral organization (attention, motivation, self regulation, etc.)

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## CNS Modulation & Posture 2008 Schedule

dates and locations subject to change

Aug 1-2, 2008	St. Louis, MO	<input type="checkbox"/>	Aug 22-23, 2008	Dallas, TX	<input type="checkbox"/>
Sept 19-20, 2008	McAllen, TX	<input type="checkbox"/>	Nov 21-22, 2008	Long Island, NY	<input type="checkbox"/>

Please send me information on bringing Modulation & Posture to my area

*Place a check mark by the location(s) you would like to attend!*

**Please send me registration materials when available!!**

Name \_\_\_\_\_

Address \_\_\_\_\_

City, St, Zip \_\_\_\_\_ FAX# \_\_\_\_\_

by mail: **Please send to Professional Development Programs**  
Professional Development Programs or FAX to: 651-439-0421  
1675 Greeley St S, Ste 101 Phone 651-439-8865  
Stillwater, MN 55082 programs@pdppro.com  
www.pdppro.com

**brochures will be mailed 2-3 months prior to course dates**