

**Sept. 26 & 27, 2008 • San Antonio, TX
Dec. 5 & 6, 2008 • Atlanta, Georgia**

The 3 M's Maximizing Therapeutic Outcomes

Memory • Motivation AND • Motor Planning

PRESENTED BY: **Martha S. Burns, PhD**

COST: \$319 includes an extensive course syllabus, continental breakfast, refreshment breaks and Certificate of Attendance

REGISTRATION DEADLINE: **San Antonio = Sept. 18, 2008
Atlanta = Nov. 21, 2008**

COURSE OVERVIEW

SLP's and OT's have excellent interventions for treating autism, processing disorders, SLI and apraxia, but not all clients respond equally well. New advances in neuroscience are pointing to three factors that affect outcomes of all interventions: memory (ability to retain and apply new skills); motivation (making interventions behaviorally relevant and sustaining attention to tasks); and motor planning (incorporating feedback mechanisms and ideation to maximize top down changes in processing). This course will outline methods to speed and maintain therapeutic outcomes for interventions with autism, processing disorders, language disorders, and apraxia. Evaluation and treatment methodologies will be based on new neuroscience research. Interdisciplinary team approaches will be stressed.

COURSE OBJECTIVES

By the conclusion of this course, the participant will be able to:

- distinguish the neurological processes which underlie memory disturbances and differentiate from those which underlie the performance of attention, inferencing, and problem-solving;
- develop methods for functional memory assessment in managed care settings and differential diagnoses for children and adults;
- apply treatment approaches for a variety of memory disturbances in neurologically impaired children and adults.

WHO WILL BENEFIT – Speech/Language Pathologists, Occupational and Physical Therapists, Special Educators, and Psychologists who work with children and adults.

SPECIFICS TO BE ADDRESSED:	
DAY ONE (Friday Evening)	
TIME	TOPIC
6:00-6:30 pm	Registration
6:30-9:15	Practical Neurology: Attention, Perception, Language, Memory and Praxis <ul style="list-style-type: none">• New advances in neuroimaging and the findings that impact clinical practice• Brain processing networks for:<ul style="list-style-type: none">– Attention– Perception– Memory– Language– Praxis– Mirror Neuron Systems• Neurodevelopment and genetics – etiologic factors in processing disturbances and autism• Introduction to neurotransmitters and learning
9:15-9:30	Questions and answers
DAY TWO (Saturday Morning)	
7:30-8:00 am	Continental Breakfast
8:00-10:15	Neurological components of memory <ul style="list-style-type: none">• Memory processes: short term and long term<ul style="list-style-type: none">– Implicit vs explicit memory– Semantic vs. episodic memory– The memory trace and weighting– Long term potentiation (LTP) and long term depression (LTD)– Emotion and motivation in learning: hippocampus and amygdala• Memory assessment in children and adults• Enhancing memory top down and bottom up: S.E.N.S.E.<ul style="list-style-type: none">– Structure, emotion, nutrition, stimulation, exercise
10:15-10:30	Break
10:30-Noon	Motivation <ul style="list-style-type: none">• Maximizing neurotransmitters through<ul style="list-style-type: none">– Novelty– Stimulus Clarity– Reinforcement• The effects of dopaminergic systems<ul style="list-style-type: none">– ABA vs top down systems in autism– Maintaining motivation through novelty and behavioral relevance– Specific therapeutic approaches that enhance motivation
Noon-1:15	Lunch on your own
1:15-4:30	Motor Planning – enhancing top down systems and praxis <ul style="list-style-type: none">• Components – ideation, planning, execution• Motor system development<ul style="list-style-type: none">– Role of proprioception and sensory integration– Working the motor planning hierarchy– Oral motor development and speech mechanisms• Speech Praxis: PROMPT vs Oral Motor Approaches<ul style="list-style-type: none">– Best practices
4:30-5:00	Questions and discussion

WHEN & WHERE?

- **Sept. 26 & 27, 2008**
San Antonio, Texas
Holiday Inn – San Antonio
Downtown/Market Square
318 W. Durango
PARKING – complimentary

OVERNIGHT ACCOMMODATIONS

Holiday Inn – San Antonio
318 W. Durango
888-615-0725 HOTEL RESERVATIONS
Rates: Single or Double \$119*

Cutoff on rooms – Sept. 12, 2008

HOTEL AMENITIES – Located within six blocks of the Riverwalk and within easy walking distance to the trolley and dining. Offers fitness center and large outdoor pool.

ARRIVING BY AIR? – We suggest SA TRANS - Roundtrip approximately = \$30

*When reserving a hotel room, identify yourself with CEPA to obtain these rates.

WHEN & WHERE?

- **Dec. 5 & 6, 2008**
Atlanta, Georgia
Crowne Plaza Powers Ferry
6345 Powers Ferry Road NW
PARKING – complimentary
LOCATION – on Powers Ferry Road. Just off I-285 between I-75 and I-85. Take Exit #22.

OVERNIGHT ACCOMMODATIONS

Crowne Plaza Powers Ferry
6345 Powers Ferry Road NW
770-955-1700 HOTEL RESERVATIONS
Rates: Single \$97* or Double \$105*
includes breakfast buffet

Cutoff on rooms – November 12, 2008

HOTEL AMENITIES – Lovely suburban hotel with indoor/outdoor pool, fitness center, and complimentary shuttle to area attractions and dining.

ARRIVING BY AIR? – We suggest A&M Limo. Telephone: (770) 955-1614 to make a reservation or visit their web site at www.aandmlimo.com. Approximately \$50, roundtrip.

*When reserving a hotel room, identify yourself with CEPA to obtain these rates.

CONTINUING EDUCATION RECOGNITION

Each participant in these courses will receive a certificate, for each course, documenting attendance and the awarding of CEU's/contact hours/clock hours/PDU's.

CEPA is approved by the CEB of ASHA to provide Continuing Education Programs.

See General Information page for more details.

The 3 M's Course is offered for 1.0 CEU's or 10 contact hours/clock hours/PDU's.

ASHA Content Area = Professional
ASHA Instructional Level = Intermediate

Taking the 3 M's course and the Right Hemisphere Texas/Georgia course? Earn 1.7 CEU's or 17 contact hours/clock hours/PDU's.

ASHA Content Area = Professional
ASHA Instructional Level = Intermediate

Register for both "3 Ms" & "Right Hemisphere" and SAVE \$109