

12 Hours of board certified continuing education for Texas chiropractors

Date: 5/20-21/17 (Sat & Sun)

Time: 9am-4pm; 9:00am-4:00pm

Cost: \$395

Discounts:

\$25 off registration fee before 4/5/2017

\$25 off registration fee for active TCA members before 5/15/2017

\$50 off each registration fee if registering for the first two levels (Level 2 July 22/23/17)

Location:

Clear Point Wellness

2001 S. 1st St., Austin TX 78704

Class Size:

Limited to 18

Seminar Syllabus

Description:

This is the 1st seminar of an 8-seminar series with a total of 105 hours of curriculum. Seminars are offered 4 x/yr. The 1st and 2nd are prerequisites for further seminars. Each seminar is useful on its own; collectively, they are part of a more comprehensive method of care.

MultiSensory Functional Integration is based on systems physiology and neurophysiology and approaches balance in the body through engagement of many kinds of sensory receptors. Some of these receptors transmit information about force vectors moving through our biomechanical chain; some relate pressure information either with fluid dynamics or compartmental pressures. The relationship of various sensory receptors to others creates a web of information, adaption, facilitation, and optimization of desired functions in our bodies across physiological systems. When we address these systems as a whole, ensuring proper sensory engagement, the compensatory systems that cause pain and symptoms in our body are no longer needed.

This first seminar lays the groundwork of orientation to the assumptions and tools that allow this light force work to be immediately effective in the body. We will also do detailed hands-on work in the biomechanical system - engaging sensory reception along normal, central weight bearing and along all planes of motion in the spine, pelvis, knees, feet, shoulders, elbows, and hands.

Objectives:

To review systems physiology and learn hands-on engagement methods of those systems.

To approach the body and healing from a different perspective.

To bring easy flow to the biomechanical system using low force, sensory-integrative techniques.

Level 1 Course Outline:

- **Basic Biological Systems Review and Tools for Engagement - 6 hrs., Sat**

Overview of the major systems and functions; physical engagement

9:00-11:00am - Neural, hormonal, immune, circulatory, digestive, metabolic, respiratory, and elimination (2)

11:00-12:00pm- Tension system, balancing system, weight bearing systems, pressure system (1)

12:00-1:00pm – Lunch

1:00-2:00pm – Protective mechanisms and systems involved, functional hierarchy of tissues and systems and how to engage them physically (1)

2:00-4:00pm - Tools and methods for engagement and evaluation of sensory compromise; pelvic adaption viewed at the heel; finding the kind of sensory compromise, the vector of compromise, the tissue of sensory compromise; how to engage a tissue and follow a whole system (2)

- **Biomechanics – *Managing Gravity and Movement* - 6 hrs, Sun**

9:00-12:00 - Ensure force moves easily through all tissues in all major planes, rotations, oblique rotations, and translational and rotational shears from one area of the body to another, as well as axially from skin to cord in a neutral position (3)

12:00-1:00 – Lunch

1:00- 2:00 Orientation of central weight bearing through discs and fibrocartilage (1)

2:00 – 3:00 – Orientation of weight bearing biomechanical chains with lateral weight bearing, oblique, rotational, compressive and extension weight bearing (1)

3:00-4:00 – Once chains are responsive, check biomechanical chains in phases of gait, along range of motion in neck, shoulders and pelvis, and introduce biomechanical guarding for body systems that are higher hierarchy – addressing the higher body system allows more sensory integration in the biomechanical system (1)

Further Study in Upcoming Seminars Below:

Level 2 - (Sat & Sun – 14 hrs)

- **Biomechanics – *Visceral, Cranial, and Gait* - 7 hrs, Sat**

- Phases of gait in pelvis for walking/running and for sports, incorporating shoulder girdle (1)

- Fascia around nerves, arteries, veins, and lymph from a mechanical perspective (2)

- Visceral fascia from a mechanical perspective (1)

- Layered approach or multivariate approach (one at a time or all together in a region) (1)

- All cranials move freely without resistance in any plane of motion, with proper coordination of movement of temporals and inner ear as well as sinus pressures as a system through motion (adaptive holding patterns in Level 2) (2)

- **Conscious Adaptation to Stressors and Immediate Demands - 7 hrs, Sun**

- Systemic neural coordinated functions
 - Fight, flight, and parasympathetic connections (1)
 - Freeze (1)
 - Polyvagal connections (1)
- Hormonal coordinated functions
 - Pituitary/hypothalamus/thyroid/heart/adrenal (1)
 - Pineal - pressure rel and light connections (1)
 - Pituitary/pineal - survival, reciprocal M of the body (1)
 - Thyroid/liver/pancreas (metabolism) and ovaries/testes/pituitary/adrenal (1)

Level 3 - (Sat & Sun – 14 hrs)

- **Fluid/Pressure Dynamics - 7 hrs, Sat**

- Coordination of pressure relationships for fluid dynamics (2)
 - Arterial, venous, CSF, lymphatic
- Compartmental pressure coordination (2)
 - Body compartments, organs as compartments, lobes of lung and brain
- Sensors of arterial and compartmental pressure; coordination of compartments (1)
 - Baro receptors and styloids
 - Diaphragm coordination
- Compensatory system doesn't need to work as hard (1)
 - Major muscle let down
 - Local tissue pressure in important tissues like brain, cord, lungs, kidneys, and physical-complicating areas
- Pressure relationships - other systems (1)
 - Air - balance lungs, brain, heart, head, chest, sinuses
 - Fascial planes cross body
 - Energetic pressure changes, CHE, CH, meridians

- **Biomechanical and Visual Coordination - 7 hrs, Sun**

- Visual pathways and ROM (2)
- Cerebellar coordination (1)
- Vestibular coordination (2)
- Coordinate all 3 to each other (1)
- TMJ (1)

Level 4 - (Sat & Sun – 14 hrs)

- **Relationships to Self - 7 hrs, Sat**

- Energetic fascial systems
 - Chakra - independent, relational, ROM, pathways (2)
 - Meridians - general and interrelationships (GB/Sp, Ht/Bld) (2)
 - Template - trauma and healing, brain waves, grounding (1)
 - Layers - independent and relational, connection to chakra, channels, and meridians (2)

- **Relationships to Environment, and Space - 7 hrs, Sun**

- Coordination between physical weight-bearing and energetic fascias
 - Channel pivots in y rotation and other ROMs (1)
 - Channel pressure, intensity, and sharing (2)
 - Connection to dorsal cord, coordination with pelvic/shoulder girdle and head in reflexive way (1)
 - Energetic axis through chakras and impact on free motion while standing (1)
 - Channel membranes in x, y, z addressing compartmentalization of function (2)

Level 5 - (Sat & Sun – 14 hrs)

- **Unconscious Adaptation to Stressors and Requirement to Survive I - 7 hrs, Sat**

- Immune system (phases 1-13)
 - 1 - T1, 2 - T2, 3 - systemic inflammation, 4 - peace keeping (limbic/PTH/thymus) (1)
 - 5 - Whole body posterior and visceral protective fascia (1)
 - 6 - Toxins, whole body, CNS, heart (3)
 - 7 - 13 Visceral survival from gut (2)

- **Unconscious Adaptation to Stressors and Requirement to Survive II - 7 hrs, Sun**

- Immune system (phases 14-16 plus)
 - 14 - Heart center recoil (2)
 - 15 - Olfactory dampening (2)
 - 16 - CNS/IM/pressure connection (2)
- Integrated work with energetic fascia, immune system, neural system, hormonal systems (insula, parathyroid, thymus, pituitary, and pineal) (1)

Level 6 - (Sat & Sun – 14 hrs)

- **Active Nurturing of Body and Soul - 7 hrs, Sat**

- Digestive (connect to CHE 4, TRFR, abundance) (1)
- CNS (IM 16, ventricles to tissue, limbic/amygdala/lobular coordination) (2)
- Hormones (all with intention/vibration, especially liver/heart/spleen) (1)
- Energetic/perceptual (perceptual/postural F, intention F, chakras 1-4, layer 1-4) (2)
- Frontal thalamus/brainwave (1)

- **Relationships Between Gut Biome and Brain - 7 hrs, Sun**

- Digestive/metabolic system (liver, organs, coordinate with adrenals/ovary-testes/stress) (2)
- Gut-brain connection (GB, vagus, parasymp/adrenal) (2)
- Microbiome and food sensitivities, supplement/remedy testing (2)
- Relationship to dantian, CHE 2-3, and brainwaves (1)

Level 7 - (Sat & Sun – 14 hrs)

- **Workshop Symptom Specific - TMJ, Cranial, Shoulders – 7 hrs, Sat**
 - TMJ/ facial relationships - neck, head, intracranial, shoulders, hips (1)
 - Intracranial pressure symptoms - compartmental, vascular, sinus, ventricular (2)
 - Physical wb, intracranial range of motion in all planes (1)
 - CNS facilitation and hormonal adaptation (1)
 - Lymphatic plexus and immune system factors (1)
 - Head/chest/shoulder girdle/pelvic coordination (1)
- **Workshop Symptom Specific - Allergies, Adrenal Fatigue, Sinuses – 7 hrs, Sun**
 - Allergies and hyper reactivity
 - Immune/CNS interface (1)
 - CNS, lung, and digestive tract reaction to toxins (1)
 - Inflammation - systemic, respiratory, gut (1)
 - Defensive reactions vs. active nurturing in the body physiologically (1)
 - Adrenal fatigue - brief overview and testing
 - Sympathetic, parasympathetic, and digestive demands on adrenals (1)
 - Immune-instinctive reactions from heart, gut, and olfactory bulb impacting adrenals (1)
 - Stored emotion, perception, and connection to energetic centers (1)

Level 8 - (Sat & Sun – 14 hrs)

- **Workshop - Integration of All Levels to Get Through All Systems More Efficiently – 7 hrs, Sat**
 - Systems hierarchy of importance vs. personal unique issue of importance - general and exceptions, iterative from weight bearing issues to underlying protective and balancing issues (1)
 - Weight bearing, energetic compartments, energetic pressure (3)
 - Diaphragms and spring, balancing centers in pelvic and shoulder girdles and head (3)
- **Workshop - Integration of All Levels to Get Through All Systems More Efficiently – 7 hrs, Sun**
 - Fluid pressure dynamics, immune protective responses (2)
 - CNS and hormonal protective responses to toxic environments (2)
 - Nurturing and connection to internal and external environment (2)
 - Share most recent understandings from instructor and all participants (2)