

# The Mind Body Connection: Revitalize Your Practice through Neurological Advancements

Northwestern Health Sciences University

DATE: June 3-4, 2023

CE HOURS: 12

LOCATION: Chicago, IL

INSTRUCTOR: Trevor Berry, DC, DACNB

Saturday, June 3, 2023		8:00 am – 5:30 pm
Time	Description	
8:00 - 9:30 am	<b>Basic Neurophysiology (Basic Sciences)</b> <ul style="list-style-type: none"> <li>Understanding the mechanism of healthy neuronal function and the foundation for neuroplasticity.</li> <li>Neuropathophysiology. Understanding the mechanisms of neuronal disruption and cell death.</li> <li>How lasers effect the common causes of neuronal injury.</li> <li>The economic impact of neurological conditions in America. Neuro degeneration and pain conditions and how we can influence the economic burden.</li> </ul>	
9:45 - 11:15 am	<b>Chiropractic Techniques and the Central Nervous System (Adjustive Technique)</b> <ul style="list-style-type: none"> <li>Understanding how chiropractic techniques influence the central nervous system.</li> <li>Adjusting and laser techniques to influence the cerebellum, midbrain, frontal lobe, parietal lobe, and autonomic function.</li> <li>Lab technique. Assessing chemistry</li> <li>Protocols for lab assessment of neurochemistry including barrier systems and inflammation causes.</li> </ul>	
11:15 - 12:15 pm	<b>Technology Implementation for Today's Practice (Exam &amp; Diagnosis)</b> <ul style="list-style-type: none"> <li>Objective biomarkers and clinical applications for neurological screening.</li> <li>Critique technology implementation for today's practice</li> <li>Integrate balance testing through using objective biomarkers for outcome assessments</li> <li>Utilize lab markers and nutrition to facilitate healthy neurological and immune support</li> </ul>	
1:15 – 1:45 pm	<b>Summary Review of Research, Physiology, Clinical (Research Trends)</b> <ul style="list-style-type: none"> <li>Justify condition specific technique and applications for the most common neurological and chiropractic conditions.</li> <li>Outline FDA Market Cleared laser research and clinical applications.</li> <li>Support medical necessity through FDA cleared research.</li> </ul>	
1:45 – 3:30 pm	<b>Condition Specific Technique and Applications (Adjustive Technique)</b> <ul style="list-style-type: none"> <li>Condition specific technique and applications for the most common neurological and chiropractic conditions</li> <li>Central effects of spinal manipulation of the midline structures</li> <li>Case Studies</li> </ul>	

3:45 – 5:30 pm	<b>Condition Specific Technique and Applications (continued) (Adjustive Technique)</b> <ul style="list-style-type: none"> <li>• Central effects of extremity and rib adjustments.</li> <li>• Applications for central neurological influences</li> <li>• Pain management</li> </ul>
<b>Sunday, June 4, 2023</b>	
<b>8:00 am – 12:15 pm</b>	
<b>Time</b>	<b>Description</b>
8:00 - 9:00 am	<b>Laser Research and Clinical Applications (Research Trends)</b> <ul style="list-style-type: none"> <li>• Outline FDA Market Cleared laser research and clinical applications.</li> <li>• Support medical necessity through FDA cleared research.</li> </ul>
9:00 – 9:30 am	<b>Balance Testing (Principles of Practice)</b> <ul style="list-style-type: none"> <li>• Using objective biomarkers for outcome assessments</li> </ul>
9:45 – 10:45 am	<b>Hands-On Laser Workshop (Adjustive Technique)</b> <ul style="list-style-type: none"> <li>• Condition specific applications</li> <li>• Adjusting C1-C7, T1-T5 &amp; L1-L5 and its influence on the central nervous system and while laser is applied to the peripheral nervous system.</li> <li>• Complex pain conditions and clinical applications.</li> </ul>
10:45 – 12:15 pm	<b>Summary Review of Research, Physiology, Clinical (Research Trends)</b> <ul style="list-style-type: none"> <li>• Closing review and comments</li> <li>• Q &amp; A session</li> </ul>