

The Future of Neurology

Next Generation Neurological Treatment, Integration, and Prevention

Northwestern Health Sciences University

DATE: March 23-24, 2024

CE HOURS: 14

LOCATION: Kansas City, MO

INSTRUCTORS: Trevor Berry, DC, DACNB and Brandon Brock, DC. DNP, APRN, NP-C, DACNB, DCBCN, BCIM

Saturday, March 23, 2024			
Time	Category / CE Hrs	Description	Instructor
8:00 am – 9:30 am	Basic Sciences 1.5 hrs	<ul style="list-style-type: none">Weekend outline summary (Flow of material)Basic neurophysiology. Understanding the mechanism of healthy neuronal function and the foundation for neuroplasticity.Neuropathophysiology. Understanding the mechanisms of neuronal disruption and cell death.How lasers influence the common causes of neuronal injury and degeneration.How low-level lasers can influence the nervous system.Introduction to inflammation	Berry
9:45 am – 10:45 am	Basic Sciences 1 hr	<ul style="list-style-type: none">Basic genes involved in neurological disorders.Basic antibody categories involved in neurological disorders.Introduction to Mast cells and Inflammation (With genetics, antibodies and MHC switching)Cardiovascular markers and influences of blood markers on brain	Brock
11:00 am – 12:00 pm	Chiropractic Technique 1 hr	<ul style="list-style-type: none">Neurological examination and clinical applications	Berry
12:00 pm	Lunch Break		
1:00 pm – 2:15 pm	Exam and Diagnosis 1.25 hrs	<ul style="list-style-type: none">Pulling together genetic and antibody markersIncorporating metabolic function into genetic and metabolic markersReading labs and documenting findingsBlood sugar, Leptins, adiponectins genetics, antibodies, labs and brain function	Brock

2:30 pm – 4:15 pm	Exam and Diagnosis 1.75 hrs	<ul style="list-style-type: none"> • Lab testing using objective biomarkers for assessment of barrier system (When to test: Ethics Section) • Using Chiropractic, nutrition, and Laser techniques for facilitating recovery of damaged barrier systems, inflammation reduction and glial priming. 	Berry
4:30 pm – 5:45 pm	Exam and Diagnosis 1.25 hrs	<ul style="list-style-type: none"> • Specific nutritional and neurological applications for the most common neurological and conditions. • Demonstration on how the spine and other neuro-musculoskeletal conditions manifest with Tx. • Case study 	Brock
Saturday, March 24, 2024			
Time	Category / CE Hrs	Description	Instructor
8:00 am – 10:00 am	Exam and Diagnosis 2 hrs	<ul style="list-style-type: none"> • Thyroid genetics, antibodies, labs and brain function • Androgen genetics, antibodies, labs and brain function 	Brock
10:15 am – 12:15 pm	Research Trends 2 hrs	<ul style="list-style-type: none"> • Documentation and ethics • Supporting medical necessity with FDA cleared research. • Condition specific applications of LLLT and Nutrition protocols. • Hands-on Laser demonstration 	Berry
12:15 pm	Lunch Break		
1:15 pm – 2:30 pm	Exam and Diagnosis 1.25 hrs	<ul style="list-style-type: none"> • Case study Summary 	Brock
2:30 pm – 3:30 pm	Research Trends 1 hr	<ul style="list-style-type: none"> • Summary review of research, physiology, clinical applications, technique. • Case studies and closing comments. • Q&A 	Berry