

# Seminar

Topics

## Drivers of Pain and Disability

- Nociceptive drivers
- Nervous system dysfunction drivers
- Comorbidities drivers
- Cognitive-emotional drivers
- Contextual drivers

## Laser Physiology

- Introduction to low-level laser physiology
- Central mechanisms of inflammation
- How low level laser can be used for various types of pain origins
- FDA Clearances & supporting research

## Pathogenesis of Pain

- The "must-know" pathophysiology of neurogenic inflammation.
- Rational approach to treatment of nerve pain.
- Introduction to manual techniques for nerve pain in MSK conditions.
- Introduction to the "neuro-orthopedic lens" in applications for common MSK pain presentations.

## Manual Techniques & Laser Demonstrations for Pain

- Improving clinical outcomes using new treatment strategies
- Introduction to multimodal applications for acute & chronic pain
- Advanced concepts for up-regulation of central pain modulators
- Using Low Level Laser for systemic causes of pain and inflammation
- Neurological benefits of LLLT

## Behavioral Modifiers of Pain

- Relationship between allodynia & psychological variables
- Neural networks associated with pain modification
- Practical approach to behavioral modifiers of pain

## The Challenge of the Pain / Disability Interplay

- "Pathways to Pain" Peripheral Drivers of Nociception in Musculoskeletal (MSK) Pain
- "The Domain of Brain" Neuropathic contributions to MSK Pain
- Beyond 'Anxiety and Depression' - Navigating the "-Psychosocial" minefield

## + Pain Case Studies

JOIN US:



AC Hotel Phoenix  
Downtown  
414 N. 5th St.  
Phoenix, AZ 85004  
Phone: (602) 258-1771

Social Distancing in the Meeting Room  
\*Hotel subject to change due to Covid-19



Registration at 7:30am  
Sat 8:00am - 6:45pm  
Sun 8:00am - 2:15pm

**SEMINAR  
COST:  
\$199**



14 CE's are Applied  
See back for states

# Next Generation Pain Solutions

A Functional Neuro-Orthopedic & Low-Level Laser Therapy  
Approach to Pain and Injury Rehabilitation

Dr. Trevor Berry & Dr. David George invites you!



For seminar registration, call (888) 242-0571  
or go online to [www.erschonia.com/seminars](http://www.erschonia.com/seminars).



# MEET THE SPEAKERS: **Live Stream Available!**



## About Trevor Berry, DC, DACNB

Dr. Berry completed his pre-medicine requisites at the University of Calgary and went on to complete his Doctorate at Parker University in Dallas, Texas. He graduated Magna Cum Laude, Salutatorian and was the recipient of many academic awards including the Parker Scholastic Excellence Award. He went on to become a board-certified Chiropractic Neurologist in 2001 and has over 2500 hours in post-doctoral studies in neurology, functional medicine and low-level laser therapy. He is involved in multiple laser studies and has been the principal investigator on Level 1 FDA clearance studies. Dr. Berry lectures for BTB Health Systems, nutrition companies, lab companies and about low-level laser. Because lasers profoundly influenced his own health status, Dr. Berry has dedicated himself to bringing the innovative laser applications to the health care system.



## About David George, DC, DACNB, RN, FIAMA

Dr. David George is a clinician and researcher with a focus in Neuropathic Pain and Neuromodulation. Dr. George is co-developer of the popular Functional Neuro-Orthopedic Rehabilitation (FNOR) rehabilitation program – an Integrative Approach to Physical Rehabilitation that essentially combines neurorehabilitative methods with Orthopedic approaches for common musculoskeletal conditions such as Lower Back Pain and Joint Injury, as well as persistent Neuropathic Pain, Post-concussion Symptoms and Headache Disorders. He is also a licensed Chiropractor, registered Nurse and a Board-Certified Chiropractic Neurologist.

## More About the Seminar:

We are trapped in a society where pain syndromes are exponentially on the rise, be it chronic, acute or psychological & searching for solutions of relief. Combining neurology & musculoskeletal expertise, presenters Dr. Trevor Berry & Dr. David George will succinctly map human physiology from the master nervous system to the corresponding musculoskeletal system to outline pathways targeting the drivers of this world-wide epidemic.

Fundamentals of integrative neuroscience-forward clinical framework will be presented for correcting pain & musculoskeletal injury presentations consistent with current guidelines for pain management, particularly to target neurogenic inflammation & neuropathic pain. Proven modalities will be presented & demonstrated including laser, nutrition, topical therapies, receptor-based therapy & joint mobilization. Overall health & wellness will be paired by appropriate lab testing to provide a proficient diagnostic direction. This course will offer clinicians a solid framework for therapeutic analgesia to support a clear clinical approach.

**This master course will guide physicians to efficiently create methodology & solutions combining integrative, neuro-orthopedic & low-level laser to master pain management in a rapidly evolving world!**

National University of Health Sciences (NUHS) | Lincoln College of Postprofessional, Graduate and Continuing Education | 200 E. Roosevelt Rd. | Lombard, IL 60148 | (630) 889-6622 applies for CE Hours to the chiropractic state licensing & to the naturopath state licensing boards. If you need hours for other states, please contact NUHS before the seminar at (630) 889-6622. Certain restrictions apply. \*\$95 extra for CE's (if needed). Transcripts are sent out by email approximately 2 months after seminar completion. If you need a copy sooner, please contact NUHS directly at (630) 889-6622. CE credit applied for by National University of Health Sciences. National University of Health Sciences is a CAGEN Approved Provider of Continuing Education. For more information about the ACNB, please log on to ACNB website.\*\*



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