NEUROSCIENCE *of* PAIN

EDUCATION, APPLICATION *and* BEYOND

A multidisciplinary approach taking this to the next level

MESSIAH UNIVERSITY | DOCTOR OF PHYSICAL THERAPY | EIM Evidence In Motion | MESSIAH UNIVERSITY | THE BRIDGE CENTER FOR CONTINUING EDUCATION

SATURDAY, MARCH 4, 2023 • 8 A.M.–5:15 P.M.

Messiah University • Parmer Hall, High Center

One University Ave, Mechanicsburg

This one-day seminar event, **based on the latest neuroscience view of pain**, aims to help healthcare providers update their knowledge of pain, while exploring applications to manual therapy and sports performance based on compelling new research.

7.5 Pre-approved contact hours for physical therapy for the state of Pa.

COST: $299, lunch provided **REGISTER:** messiah.edu/NeuroscienceOfPain

SPEAKER

Adriaan Louw is an international authority on the neuroscience of pain education (NPE) and has been a pioneer in this area. As a dynamic and entertaining presenter, he brings this content to life through clinical applications and current evidence of NPE. Pain is complex, and new paradigms of pain supports that teaching patients more about the neurophysiology and biology of pain allows for decreased pain, increased movement and function. Learn more about Louw at ***evidenceinmotion.com/people/adriaan-louw/***.

For more information, contact organizer
Michael Lehr, DSc, DPT, OCS, COMT, FAAOMPT
at **mlehr@messiah.edu**

SCHEDULE

PAIN NEUROSCIENCE EDUCATION: TEACHING PEOPLE ABOUT PAIN	
8 a.m.	The pain and opioid epidemic
8:30 a.m.	The neuroscience of pain
9:45 a.m.	Break
10 a.m.	Evolution of and evidence for PNE
10:30 a.m.	Teaching patients about pain: A clinical application
11:30 a.m.	PNE+ - combining PNE with movement, exercise, manual therapy, etc.
12 p.m.	Lunch *(provided)*
PAIN SCIENCE: HANDS-ON OR HANDS-OFF?	
1 p.m.	Traditional orthopedic model and pain
1:30 p.m.	Pendulum shift: It's all about the brain!
2 p.m.	Pain Science *and* manual therapy, not *or* manual therapy
2:30 p.m.	The brain has a body – taking it to the clinic
3 p.m.	Break
THE NEUROSCIENCE OF PAIN, THE BRAIN, ATHLETES AND SPORTS PERFORMANCE	
3:15 p.m.	The neuroscience of pain
3:45 p.m.	Pain and athletes
4:15 p.m.	Pain, sports-performance and the brain
5 p.m.	Summary, review and questions