

Stuart J. Currie, D.C., Ph.D.

Expert Qualifications Summary:

- Biomechanics
- Injury analysis
- Treatment guidelines
- Spinal biomechanics
- Human movement and gait analysis
- Clinical treatment of motor vehicle accidents
- Independent medical examinations
- Neurophysiology
- Musculoskeletal clinical pathology and treatment
- Kinetics and Kinematics
- Dynamics
- Neuromechanics
- Ergonomics
- Electromyography analysis
- Research design
- MATLAB Software coding
- Clinical imaging (x-ray, MRI, fluoroscopy)
- Evaluation of therapeutic interventions
- Return to work analysis

Education:

- 09/2011 – 06/2016: Doctor of Philosophy (Ph.D.) in Engineering (Biomechanics)
University of Denver, Denver, CO
Supervisor: Dr. Bradley Davidson
Thesis Title: Neuromuscular response to spinal manipulation: quantifying the effect of pain with electromyography
- 09/1998 – 04/2002: Doctor of Chiropractic (D.C.)
National University of Health Sciences, Lombard, IL
- 09/1998 – 04/2000: Bachelor of Science (B.S.)
National University of Health Sciences, Lombard, IL
Human Biology

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