

E'Curriculum Vitae for Paul Thomas Fisher, DC, MS

Paul Thomas Fisher, D.C., M.S.

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Selected Occupational History

Clinic Director, Chiropractor, Gold Coast Chiropractic, Chicago, IL, September, 2013 – Present

Functional Nutrition Director, Premier Wellness Chiropractic, Crystal Lake, IL, December, 2010-January, 2012

Clinic Director, Chiropractor, Fisher Chiropractic and Integrative Health, Hinsdale, IL, March, 2009 –August, 2013

Selected Education and Licensure

Chiropractic Biophysics Advanced Certification 2017

Scolibrace Provider 2017

Motor Vehicle Collision Occupant Injury Certification 2017

Master of Science in Nutrition, Bridgeport University, Bridgeport, CT, 2010

Doctor of Chiropractic, Licensed in the State of Illinois, License #038-011350, 2009-Present

Doctorate of Chiropractic, National University of Health Sciences, Lombard, IL, 2008

Clinical Internship, National Naval Medical Center, Bethesda, MD, 2008

National Board of Chiropractic Examiners, Part 1, 2007

National Board of Chiropractic Examiners, Part II, 2008

National Board of Chiropractic Examiners, Part III, 2008

National Board of Chiropractic Examiners, Part IV, 2008

National Board of Chiropractic Examiners, Physiotherapy, 2008

Bachelor of Science in Biomedical Science, National University of Health Sciences, Lombard, IL, 2006

Bachelor of Science in Management Information Science, Iowa State University, Ames, IA, 2005

Selected Post-Graduate Education and Certifications

Whiplash Injury Biomechanics & Traumatology – Module 1, Whiplash Advanced Science, the Fundamental Topics, *Requisite and comprehensive biomechanics knowledge for forensic experts, Whiplash and brain injuries: the real reasons they are on the rise, The minimal property damage = minimal injury risk myth exposed, In-depth analysis of brain, neck, and cervical spine trauma mechanisms, Soft tissue injuries: a comprehensive and cutting edge analysis, All clinical syndromes and conditions resulting from whiplash (WAD/CAD), What forensic experts need to know about the various pain syndromes, Risk assessment: the fundamental key to modern forensic practice*; Spine Research Institute of San Diego, Southern California University of Health Sciences, Atlanta, GA 2018

Chiropractic Biophysics Annual Convention, *Spinal Displacements and Deformities in Systemic Health and Disease; CBP Technique & CBP Non-Profit Research Updates; Low Radiation Effects on Humans and Organisms; Scoliosis Deformities and Thoracic Kyphotic Deformities*. Chiropractic Biophysics, Life University, 2017

Mirror Image Bracing for Scoliosis Deformities *This course provides an integrated education for the Doctor of Chiropractic in the science and art of understanding, evaluating, and management of scoliotic deformities in adolescents and adults. The link between genetic triggers, biomechanical growth modulation, environmental risks, and age development will be explained as they related to scoliotic deformities. Categories of scoliosis will be explained with emphasis on understanding risk factors for curve progression in both adolescent and adult scoliotic deformities. The details of conservative management of scoliotic deformities are a major emphasis of this conference where new flexible and rigid bracing concepts and devices as well as rehabilitative procedures will be thoroughly explored. Evaluation of important curve variables as well as outcome assessments will be used to determine conservative management strategies and successful intervention. The details of case management using conservative bracing, adjusting and rehabilitative methods will be covered using a variety of case studies for a comprehensive picture of clinical application of this course material.* Chiropractic Biophysics, Life University, 2017

Neurology, Posture and Systemic Health, *To provide a current education in the biomechanics and neuro-physiology of posture deformities as they relate to Systemic Health of the human. Detailed neuro-physiology of the central and peripheral nervous systems will be reviewed. Emphasis is placed on mechano-sensitive afferent nerve supply of the ligaments and muscles and their consequent relationship to abnormal posture/spine alignment and visceral dysfunction (Type O Disorders). Mechano-sensitive nerve endings in the facet capsular ligaments, spinal ligaments, intervertebral discs and muscles will be reviewed. This information forms the scientific rationale for the hypothesis of a Nerve Interference Theory based upon deformation of*

tissue mechano-receptors from abnormal tissue loading in abnormal posture and spinal alignment. Chiropractic Biophysics, Life University, 2017

Advanced Full Spine Analysis and Technique, This course provides an integrated education for the Doctor of Chiropractic in the science and art of full spine disorders. Detailed literature reviews covering the sagittal plane of the spine during pediatric development through age related change occurring in senior populations will be presented. Statistical correlations between each spinal region will be detailed so the Chiropractor understands how alterations in one region of the spine can influence regions above or below. A primary objective is to introduce the attendee to the anatomic variable of pelvic morphology (geometric alignment of the sacrum inside the ilia) and how variations and anomalies of pelvic morphology alter the sagittal plane alignment of the spine. Further, it will be explained how common anomalies such as how 4 lumbar vertebra, 6 lumbar vertebra, and transitional segments affect the sagittal plane alignment of the spine. In the end, details of case management using these topics will be covered using a variety of case studies for a comprehensive picture of clinical application of this course material. Chiropractic Biophysics, Life University, 2017

Biomechanics of the Spine & Posture Seminar, This course provides an integrated education for the Doctor of Chiropractic in the science and art of spine, posture, and lower extremity biomechanics and health disorders. Physiological loads will be reviewed as will their resultant stress and strain patterns. Vertebral kinematics will be discussed and applied to postural alterations in normal and abnormal spine behavior. Central nervous system biomechanics will be presented and discussed relative to neuro-physiological consequences. The total permutations of abnormal posture using formulas from probability theory will be delineated and a literature review on postural displacements as they correlate to patient conditions will be provided. Chiropractic Biophysics, Life University, 2017

Motor Vehicle Collision Occupant Injury Certification, Current research and clinical topics concerning motor vehicle crashes, injuries and proper documentation. Personal Injury Training Institute, 2017

Chiropractic Biophysics Annual Convention, Contemporary Research and Practices for Unparalleled Health & Wellness. Updates on Current research in including scoliotic deformities, Temporomandibular Joint Disorders, Neuromusculoskeletal Diagnosis and selected case studies. Chiropractic Biophysics, Life University, 2016

Chiropractic Biophysics Scoliosis Deformity and Management. Understanding scoliotic deformities in adolescents and adults with cutoff values. Application of mirror image exercises, traction and bracing in improving and preventing progression. Chiropractic Biophysics, Life University, Raleigh, NC, 2016

Chiropractic Biophysics Hands on Training, An intensive hands on program reviewing current and new understanding in normal cervical, thoracic and lumbar spinal alignments, their health consequences and proper rehabilitative procedures. Chiropractic Biophysics, Life University, Eagle, ID, 2016

Neurodiagnostics, Imaging Protocols and Pathology of the Trauma Patient, *An in-depth understanding of the protocols in triaging and reporting the clinical findings of the trauma patient. Maintaining ethical relationships with the medical-legal community.* Academy of Chiropractic Post Doctoral Division, Texas College of Chiropractic, Long Island, NY, 2015

Diagnostics, Risk Factors, Clinical Presentation and Triaging the Trauma Patient, *An extensive understanding of the injured with clinically coordinating the history, physical findings and when to integrate neurodiagnostics. An understanding on how to utilize emergency room records in creating an accurate diagnosis and the significance of "risk factors" in spinal injury.* Academy of Chiropractic Post Doctoral Division, Texas College of Chiropractic, Long Island, NY, 2015

Crash Dynamics and Its Relationship to Causality, *An extensive understanding of the physics involved in the transference of energy from the bullet car to the target car. This includes G's of force, newtons, gravity, energy, skid marks, crumple zones, spring factors, event data recorder and the graphing of the movement of the vehicle before, during and after the crash. Determining the clinical correlation of forces and bodily injury.* Academy of Chiropractic Post Doctoral Division, Texas College of Chiropractic, Long Island, NY, 2015

MRI, Bone Scan and X-Ray Protocols, Physiology and Indications for the Trauma Patient, *MRI interpretation, physiology, history and clinical indications, bone scan interpretation, physiology and clinical indications, x-ray clinical indications for the trauma patient.* Academy of Chiropractic Post Doctoral Division, Texas College of Chiropractic, Long Island, NY, 2015

Neurodiagnostic Testing Protocols, Physiology and Indications for the Trauma Patient, *Electromyography (EMG), Nerve Conduction Velocity (NCV), Somato Sensory Evoked Potential (SSEP), Visual Evoked Potential (VEP), Brain Stem Auditory Evoked Potential (BAER) and Visual-Electronystagmosgraphy (V-ENG) interpretation, protocols and clinical indications for the trauma patient.* Academy of Chiropractic Post Doctoral Division, Texas College of Chiropractic, Long Island, NY, 2015

Documentation and Reporting for the Trauma Victim, *Understanding the necessity for accurate documentation and diagnosis utilizing the ICD-9 and the CPT to accurately describe the injury through diagnosis. Understanding and utilizing state regulations on reimbursement issues pertaining to healthcare.* Academy of Chiropractic Post Doctoral Division, Texas College of Chiropractic, Long Island, NY, 2012

Chiropractic Biophysics Annual Convention, *Relationship between spinal curvature and overall health, Orthodontic and Chiropractic interrelationship, selected case studies.* Chiropractic Biophysics, Life University, Phoenix, AZ, 2015

Temporalmandibular Joint Dysfunction, *Evaluation and management of temporomandibular joint disorders and co-management with oral health care physicians. Review of pertinent anatomy with discussion of cervical spine contributions to this disorder. Treatment of both acute, chronic and traumatic cases. Hands on section with appropriate adjustments and in-office physical rehabilitation and home rehabilitation.* Vidan Ventures, Logan College of Chiropractic, Chicago, IL, 2015

Certification in Chiropractic Biophysics, Chiropractic Biophysics, Eagle, ID, 2015

Soft Tissue Injury Assessment Training, *Dynamic EMG with ROM and static EMG science, reproducibility, reliability and functional uses. Emphasis on hands on training and certification in the proper use of EMG in a clinical setting along with interpretation of findings and correlation with clinical symptoms.* Myovision, University of Western States, Chicago, IL, 2015

Chiropractic Biophysics Whiplash Injury and Treatment, *Chiropractic analysis and management of patients injured in motor vehicle collisions. Biomechanical, neuro-physiological, and epidemiologic aspects of whiplash injuries. Focus on understanding/differentiating subtle and complex ligament injuries of the cervical. Litigation and documentation of whiplash injuries and a review of the International Chiropractors Association's Best Practice and Whiplash Injury Guidelines.* Chiropractic Biophysics, Life University, Dallas, TX, 2015

Chiropractic Biophysics Lumbar Spine Rehabilitation, *A detailed analysis and correction of lumbar spine disorders. Literature reviews covering the incidence of lumbar disorders in patient populations, the role of spinal manipulative therapy and structural correction of sagittal cervical lordosis were covered. Normal, average and ideal values for the cervical lordosis will be reviewed. Categories of lumbar and pelvis postures, spine kinematics and abnormalities of the sagittal and coronal lumbar lordosis.* Chiropractic Biophysics, Life University, Eagle, ID, 2015

Chiropractic Biophysics Cervical Spine Rehabilitation, *A detailed analysis and correction of cervical spine disorders. Literature reviews covering the incidence of cervical disorders in patient populations, the role of spinal manipulative therapy and structural correction of sagittal cervical lordosis. Normal, average and ideal values for the cervical lordosis. Categories of head to thorax postures, spine kinematics and abnormalities of the sagittal cervical lordosis.* Chiropractic Biophysics, Life University, Chicago, IL, 2015

Chicago Personal Injury Conference, *The history and implementation of Colossus, TEACH and other claims management systems. Appropriate use of objectifying and documenting ligament injuries, mild traumatic brain injuries, duties under duress and loss of enjoyment of life outcome scales. Proper use of computerized radiographic mensuration analysis for objectifying ligament injuries.* DMX of Chicago, Illinois Chiropractic Society, Lombard, IL, 2014

Objective Functional Testing: Evaluation, Assessment & Documentation, *Use of digital dual inclinometry for computer assisted range of motion measurement. Force plate, grip and pressure sensor use for quantification of muscle strength testing.* JTech Medical, Illinois Chiropractic Society, Rosemont, IL, 2014

Impulse Adjusting System Extremity Module, *Use of computer assisted instrument aided adjusting instrument for the body with a focus on extremities. Orthopedic testing, normal and abnormal range of motion of the spine and extremities with current literature updates. Updates in proper documentation for third party payers.* Neuromechanical Innovations, New York Chiropractic College, Rosemont, IL, 2014

MRI of the Hip, *MRI imaging of the hip with clinical correlations and common conditions. Emphasis placed on hip impingement syndrome and protocols for appropriate usage of MRI studies.* Molecular Imaging, Illinois Chiropractic Society, Lombard, IL, 2013

DMX Innovator Conference, *Current innovations in motion x-ray technology with image review and case presentations. Current updates in surgical intervention in traumatic C1C2 instability resulting in chronic migraines. Use of MRI measurement of cerebral spinal flow variation in migraines and neurodegenerative diseases. Understanding of Colossus and deposition training.* DMX Works, New York College of Chiropractic, Grand Caymans, 2012

Lumbar Spine & Pelvis Analysis & Adjustive Technique, *Lumbar and pelvic adjusting technique with motion analysis. History and biomechanical basis of motion palpation. Extensive hands on training with instructor feedback.* Motion Palpation Institute, National University of Health Sciences, Lombard, IL, 2012

Comprehensive MRI Imaging of the Spine, *Review of physics and history of MRI functioning. Normal anatomy appearance on MRI along with the following pathological conditions: disc lesions, degenerative stenosis, trauma and neoplasms. Appropriate use of contrast. Selected case studies presented to highlight key concepts.* National University of Health Sciences, Lombard, IL, 2012

16th Annual Scientific Conference, *A review of the entire year of scientific research and publication from the diverse fields of clinical medicine and automotive safety engineering. Research sources include Spine Research Institute of San Diego and its research affiliate, the Center for Research into Automotive Safety and Health, the Annual Association for the Advancement of Automotive Medicine (AAAM) Scientific Program, the Annual Conference of the International Research Council on the Biomechanics of Impact (IRCOBI), the Annual SAE Stapp Car Crash Conference (and SAE general publications), the Annual International Traffic Medicine Association (ITMA) Conference, and the Annual International Technical Conference on the Enhanced Safety of Vehicles (ESV).* Spine Research Institute of San Diego, Southern California University of Health Sciences, San Diego, CA, 2011

Certification in Advanced Competency Whiplash Biomechanics and Traumatology
Spine Research Institute of San Diego, San Diego, CA, 2011

Whiplash Injury Biomechanics & Traumatology – Module 4, *Medicolegal Fundamentals for Practitioners and Forensic Experts, Essentials of documentation and records keeping. How to incorporate medical photography. Proper procedures for depositions, arbitrations, testifying in court with preparation for cross-examination. How to use evidence effectively and in various formats, including models, charts, diagrams, photos, and movies. How Daubert and Frye rules affect your testimony and can exclude opposing experts. Disabusing the MIST myth. Treatises and reliable authorities. Other federal rules of evidence experts should know.* Spine Research Institute of San Diego, Southern California University of Health Sciences, Rosemont, IL, 2011

Whiplash Injury Biomechanics & Traumatology – Module 3, *Narrative Report Writing and Practice Development; Principles of Impairment Rating and Forensic Documentation, Scientific writing and narrative style, strategy and organization. How to integrate outcome*

assessment scales (Oswestry, Neck Disability Index, etc.) into proper report writing. Updates on modern guidelines and how they are improperly cited. Rebuttal strategies for IME and other challenges. Spine Research Institute of San Diego, Southern California University of Health Sciences, Rosemont, IL, 2011

Whiplash Injury Biomechanics & Traumatology – Module 2, Management Principles in Personal Injury and Forensic Documentation, *In-depth training on all aspects of management of trauma, from beginning to end. A comprehensive primer on crash reconstruction with documentation and forensic medicine applications. Auto crash reconstruction in low speed crashes: critical knowledge for today's forensic practitioners. Comprehensive physical examination of whiplash and traumatic brain injury with laboratory methods, radiographic exam, CT, MRI and special studies (EMG, sEMG, SSEP, VEP, etc.). Soft tissue healing times, state of injury and implication for case management and designing a treatment plan for case management using current guidelines. Proper use of chiropractic manipulation, deep tissue massage, and physical therapy modalities for best outcomes.* Spine Research Institute of San Diego, Southern California University of Health Sciences, Rosemont, IL, 2011

Whiplash Injury Biomechanics & Traumatology – Module 1, Whiplash Advanced Science, the Fundamental Topics, *Introduction to advanced whiplash science with basic and special concepts of biomechanics. Epidemiology of whiplash, brain, neck and cervical spine trauma mechanisms from motor vehicle crashes, soft tissue injuries, common syndromes, and outcomes of cervical acceleration/deceleration injuries.* Spine Research Institute of San Diego, Southern California University of Health Sciences, Rosemont, IL, 2011

NRCME Plus+ DOT Examination Training System, *Review Federal DOT standards for all practitioners required to perform Department of Transportation exams.* Logan College of Chiropractic, Chicago, IL, 2010

Mastering the Thyroid, *Thyroid disorders in autoimmune reactions, endocrine imbalances, environmental disorders, environmental haptens, cytokine surges and medication reactions. Nutritional and supplemental therapy for common thyroid disorders.* Apex Energetics, Arlington Heights, IL, 2010

Headaches, Head Trauma, Vertigo & VAS, *Evaluation and management of common headaches including migraine, tension, cluster, post-concussion with focus on neurological signs and symptoms. Current treatment methodologies and management.* National University of Health Sciences, Lombard, IL, 2010

Need to Know Essentials of Managed Care/Insurance/Medicare, *Basic essentials of third party payers, documentation, and understanding insurance contracts.* National University of Health Sciences, Lombard, IL, 2010

Manipulation Under Anesthesia, *Operating room procedures with proper use of anesthetics. Procedures and technique for manipulation under anesthesia.* Logan College of Chiropractic, Chicago, IL, 2009

Mastery of Common & Problematic Clinical Disorders, *Use of laboratory and clinical testing for acute and chronic clinical conditions with proper use of treatment algorithms*. National University of Health Sciences, Lombard, IL, 2009

Chiropractic Coding, *Proper diagnosis and procedure coding for common chiropractic cases*. Illinois Chiropractic Society, Schaumburg, IL, 2009

Spinal MRI, *Interpreting MRI images of the spine with clinical correlations. Special emphasis on disc lesions*. Advanced Physicians Group, Illinois Chiropractic Society, Willowbrook, IL, 2009

BioMedical Acupuncture, *Using needling techniques to manage soft tissue pain as results of trigger points, tender spots, muscle deficiency and spinal segmental sensitivity (SSS). Restoring soft tissue dysfunction as results of inflammation, contracture, microcirculatory deficiency, tissue adhesion, scarring, trophic deficiency, and biomechanical imbalance. Optimal balance and de-stress treatment of the musculoskeletal system in order to maintain efficient, effective and task-oriented movement*. BioMedical Acupuncture Institute, Boulder, CO, 2008

Publications

Hauser, R. A., Steilen, D. R., & Fisher, P. (2015). Upper cervical instability of traumatic origin treated with dextrose prolotherapy: A case report. *Journal of Prolotherapy*, Retrieved from <http://www.journalofprolotherapy.com/index.php/upper-cervical-instability-of-traumatic-origin-treated-with-dextrose-prolotherapy-a-case-report/>

Presentations

Decrease in Thoracic Hyperkyphosis and Improvement in Asthma Resulting In Cessation of Medication

Community Service

Gold Coast Neighborhood Association, Member, Chicago, IL, 2014-Present

Westmont Rotary Club, Sergeant at Arms, Westmont, IL, 2013-2014

Chamber of Commerce, Member, Westmont, IL, 2009-2013

Chamber of Commerce, Member, Hinsdale, IL, 2009-2013

National University of Health Science Run for Research, Volunteer, Lombard, IL, 2007

Relay for Life, Volunteer, Downers Grove, IL, 2006 – 2007

Lions Club of Lombard, Fundraiser, Lombard, IL, 2005

Missionary Project to Africa, Fundraising Dinner Organizer, Ames, IA, 2003

Memberships

Academy of Chiropractic, Member, 2015-Present

International Chiropractic Association, Member, 2016-Present

Illinois Chiropractic Association, Member, 2008-Present

American Chiropractic Association (ACA), Member, 2008-2009