

Jordan L. Kovacs, DC, CCSP®

40 South Street, Eatontown, NJ. 07724
Phone: 732-389-2800 Fax: 732-389-0246

1351 Kuser Road, Suite 2, Hamilton, NJ. 08619
Phone: 609-585-2881 Fax: 609-585-3824

jordankovacs@gmail.com

SELECTED OCCUPATIONAL HISTORY

Private Practice, Chiropractor and Clinic Director, Hamilton, NJ, 2008-Present
Private Practice, Chiropractor and Clinic Director, Eatontown, NJ, 2005-Present
Private Practice, Chiropractor and Clinic Director, Manasquan, NJ, 2002-2005

EDUCATION and LICENSURE

Life University, Doctorate of Chiropractic, Marietta GA, 2001
Honors: *Magna Cum Laude*

University of Vermont, Bachelor of Arts, Communication Science, Burlington VT, 1997

Doctor of Chiropractic, Licensed in the State of New Jersey, License #38MC005930, 2001-Present

Board Certified Part I, *Includes subject examinations in each of six basic science areas: general anatomy, spinal anatomy, physiology, chemistry, pathology, and microbiology and public health.* National Board of Chiropractic Examiners, Marietta, GA 2000

Board Certified Part II, *Includes subject examinations in each of six clinical science areas: general diagnosis, neuromusculoskeletal diagnosis, diagnostic imaging, principles of chiropractic, chiropractic practice and associated clinical sciences.* National Board of Chiropractic Examiners, Marietta, GA. 2000

Board Certified Part III, *Includes questions that address nine clinical areas: case history, physical examination, neuromusculoskeletal examination, roentgenologic examination, clinical laboratory and special studies examination, diagnosis or clinical impression, chiropractic techniques, supportive techniques, and case management.* National Board of Chiropractic Examiners, Marietta, GA. 2001

Board Certified Physiotherapy, *Covers case history and examination, physiotherapy modalities, indications, contraindications and applications of modalities, therapeutic exercise and rehabilitation.* National Board of Chiropractic Examiners, Marietta, GA. 2001

Board Certified Part IV, *Practical examination tests individuals in three major areas: x-ray interpretation and diagnosis, chiropractic technique and case management.* National Board of Chiropractic Examiners, Marietta, GA. 2001

SELECTED POST-GRADUATE EDUCATION and CERTIFICATIONS

Upper Extremity Adjusting, *Review of clinical rationale for upper extremity joint adjustment. Protocols, indicators and rehabilitation of wrist, elbow and shoulder subluxation*, Association of New Jersey Chiropractors, New York Chiropractic College, East Brunswick NJ, 2008

Comprehensive Metabolic Profiling Of The Complicated Patient, *Introduction to comprehensive metabolic profiling including: organic acids, neurotransmitters, bloodspot fatty acid, Omega-3 Index, lipid peroxides, oxidative stress, leaky gut and the elimination diet*, Association of New Jersey Chiropractors, New York Chiropractic College, East Brunswick NJ, 2008

Chiropractors As Corrective Exercise Specialists, *Introduction to a systematic process of identifying a neuromusculoskeletal dysfunction, developing a plan of action and implementing the corrective strategy*, Association of New Jersey Chiropractors, New York Chiropractic College, East Brunswick NJ, 2008

Functional Evaluation As A Screening For The Gym Athlete, *Rationale and feasibility of performing functional evaluations. Components of the functional evaluation. Review of biomechanics. Expanding the evaluation to be sport specific*, Association of New Jersey Chiropractors, New York Chiropractic College, East Brunswick NJ, 2008

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*, CMCS Management Post Doctoral Division, New York Chiropractic Council, New York State Department of Education Board for Chiropractic, Long Island NY 2008

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*, CMCS Management Post Doctoral Division, New York Chiropractic Council, New York State Education Department Board for Chiropractic, Long Island NY, 2008

Crash Dynamics and it's 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, Newton's, 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*. CMCS Management Post Doctoral Division, New York Chiropractic Council, New York State Education Department Board for Chiropractic, Long Island NY, 2008

MRI, Bone Scan & 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*, CMCS Management Post Doctoral Division, New York Chiropractic Council, New York State Education Department Board for Chiropractic, Long Island NY, 2008

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-Electronystagmosgarphy (V-ENG) interpretation, protocols and clinical indications for the trauma patient*, CMCS Management Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island NY, 2008

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*, CMCS Management Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island NY, 2008

Documenting Clinically Correlated Bodily Injury to Causality, *Understanding the necessity for accurate documentation, diagnosis and clinical correlation to the injury when reporting injuries in the medical-legal community. Documenting the kinesiopathology, myopathology, neuropathology, pathophysiology in both a functional and structural paradigm*, CMCS Management Post Doctoral Division, New York Chiropractic Council, New York State Education Department, Board for Chiropractic, Long Island NY, 2008

Interpreting Spinal Trauma MRI's, *MR Image formation, Normal MR Spinal Anatomy, Neurology of Spinal Pain, Disc Degeneration, Nomenclature and Classification of Disc Herniations, Spinal Stenosis, Myelopathy, Post-operative, Fractures, Spondylolisthesis, Tumors, Infections, Chiari Malformation, Syringomyelia, Case Reviews, Interpreting MRI in the Courtroom*, New York Chiropractic College, Hazlet NJ, 2008

American Chiropractic Board of Sports Physicians, *Certified Chiropractic Sports Physician*, 2008

New York Chiropractic College, *Certification in Diagnostic Imaging and Interpreting Spinal Trauma With MRI*, 2008

Chiropractic Sports Injuries and Rehab, *Sports Nutrition and peak performance, Emergency Procedures, Knee and Hip evaluation and adjusting procedures, Ankle and Foot evaluation and adjusting procedures*, University of Bridgeport College of Chiropractic, Quakertown PA, 2008

Personal Injury Practice with Mock Trial Demonstration, *Qualifying as a Chiropractic Expert Witness in Court & Testifying Regarding MRI's, MUA Issues, AICRA and The Verbal Threshold, Winning Your PIP Cases*, Association of New Jersey Chiropractors, Toms River NJ, 2008

Interpreting Spinal Trauma MRI's, *Overview of MRI Concepts, Normal MRI Spinal Anatomy Reviewed, Approach to MRI Interpretation of Spinal Abnormalities, MRI Bone Marrow and Endplates, MRI Disc Disease, Dynamic Imaging of the Spine, Case Reviews, Interpreting MRI in the Courtroom*, New York Chiropractic College, Bloomfield NJ, 2008

Clinical Evaluation of the Shoulder DC, *Outline muscles of the shoulder joint complex, Assess the Shoulder using appropriate Orthopedics Tests, Perform the following orthopedic tests: Abbott-Saunders Test, Adson's Test, Allen Maneuver, Apley's Test, Apprehension Test, Bryant's Sign, Calloway's Test, Codman's Test, Costoclavicular Maneuver, Dawbarn's Sign, Dugas Test, George's Screening, Halstead Maneuver, Hamilton's Test, Impingement Sign, Ludington's test,*

Mazion's Shoulder Maneuver, Reverse Bakody Maneuver, Roos Test, Shoulder Compression test, Speed's Test, Subacromial push-button Sign, Supraspinatus Press Test, Transverse Humeral Ligament Test, Wright's Test and Yergason's Test, Differentially diagnose common causes of shoulder pain, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Upper Extremity Treatment Activities, Identify activities to improve dexterity, grasp and pinch, Identify activities to facilitate UE weight bearing, proximal control, and normalization of tone, Identify cost-effective resources for obtaining therapy equipment, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Management of Common Sports Injuries, Recognize pathology associated with common sports injuries, Understand the mechanism of injury for various hand injuries, Recognize treatment interventions for upper extremity injuries, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Sports Medicine 101, Develop and overview of Adult Golf Injury Assessment and Rehab, Identify the nature of balance and applying balance assessment to golfers, Review and Understand the concepts of coordination as applied to golf, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Sports Medicine 104, Discuss the history, evaluation, and treatment of burners, Compare the ability of different football cervical collars to limit cervical motion, Identify the most common injuries in youth football, Recognize the role of different forms of manual therapy in the treatment of professional football players, Describe the evidence-based use of ice therapy, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Rehab 101, Review sensory-motor control and rehabilitation, Discuss aerobic exercise for LBP patients, Describe muscle training of the hip, abdominal and paraspinal muscles, Identify how aerobic exercise improves motor performance in the elderly, Distinguish the effects of different training styles on the cross-sectional area of paraspinal muscles, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Rehab 102, Describe the contribution of hip vs. spinal motion, Distinguish poor motor patterns of hip and low back movements and what to do about it, Differentiate the role of exercise for neck disorders and determine what type of exercise works, Delineate the neural adaptations to exercise and apply towards rehabilitation, Describe current issues in low back rehabilitation, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Rehab 104, Identify and describe the major factors influencing muscular strength, Assess the chiropractic influences on strength, Identify and discuss the strength training principles, Illustrate components of a training session, Apply training principles into a practical strength program, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Rehab 106, Illustrate basic principles of cardiovascular exercise, Discuss the mechanisms of cardiovascular responses to exercise, Discuss the acute effects of exercise on the cardiovascular system, Discuss the training effects of exercise on the cardiovascular system, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Rehab 107, Summarize the functional anatomy of core strength training, Discuss the principles of

core strength, Develop an assessment of spinal stabilization, Distinguish specific evaluation tests for spinal stability, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Nutrition 119, Free radicals formation and their effects, relationship between antioxidants and cardiovascular disease and cancer, roles that vitamins, amino acids and herbs have in pain control, inflammation and the pro-inflammatory state, anti-inflammatory diet, Using vitamins, minerals and herbs as natural anti-inflammatories, Proteolytic enzymes and inflammation and review sources of fatty acids, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Nutrition 203, Identify which exercises are best for health and longevity, relationship between exercise and antioxidants, basic concepts of stress, How stress and other emotions can cause disease and ill health, relationship between nutrition and stress, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Nutrition 208, Fruits and vegetables: nutritional and anti-aging properties, Investigate how fish affects cardiovascular disease and cancer, Identify how garlic affects health and inhibits disease, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Nutrition 211, Determine the how and when of wine consumption, Learn basic concepts of water and signs of dehydration, Ascertain how water affects disease and promotes health, Identify who is susceptible to nutrient deficiencies, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Nutrition 212, Determine the relationship between a daily multiple vitamin and health, Analyze how growth hormone can promote health and possibly slow aging, Understand the risk versus benefit of using testosterone and melatonin, Ascertain the role of DHEA and DHEA-S on health and longevity, Identify the main concepts of an anti-aging strategy, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Ortho 101, Understand the effects of Knee Proprioception after ACL Reconstruction, Discuss effects of Manual Therapy in Whiplash, Construct the orientation of the Cervical Facet Joints, Identify aspects of the Lateral Collateral Ligament of the Knee, Discuss Upper Extremity Snowboarding Injuries, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Ortho 103, Review normal cervical biomechanics and apply to examination, Discuss some effects of manipulation on EMG/ROM, Recognize lumbar movements during mobilization, Discuss how whiplash invisibility is not evidence of absence of injury, Understand muscle adaptation through stretching, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Ortho 106, Understand basic kinematic terminology, Recite the basic bony and articular anatomy of the foot, List the functional anatomy of the subtalar joint, transverse tarsal joint, tarsal metatarsal joints and metatarsal phalangeal joints, Isolate the major events, phases, kinematics and six determinants of human gait, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Ortho 108, Explain the difference between eccentric and concentric muscle function, Predict muscle actions through force vector analysis, Describe the role of the major muscles of the lower limb during walking gait, Explain the pathomechanics of some of the more common muscular

injuries of the lower limb, Predict which muscles of the lower limb may be subject to injury due to overpronation, Produce a rationale for the treatment of muscular injury of the lower limb with interventions such as physiotherapy and orthotics, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Ortho 109, Describe neck anticipatory control with pain, Describe lateralized fatigue with unilateral neck pain, Assess head and trunk motion during neck manipulation, Identify neuromuscular dysfunction in neck pain patients, Outline exercises for the rehabilitation of neck neuromuscular dysfunction, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Ortho 110, Explain various mechanisms of trauma for acute and chronic injuries, Illustrate common injury patterns associated with soft-tissue structures, Differentiate mechanisms of trauma to ligaments, tendons, muscles, articular cartilage, and peripheral nerves, Defend and justify clinical findings by determining injury mechanisms, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Ortho 111, Discuss the biomechanical, physiological and psychological evidence for the use of back belts, Identify and describe recent recommendations and findings for the use of back belts, Discuss the principle of affordances and how they relate to environmental constraints (such as a back belt) and posture, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Ortho 112, Summarize the affects of low back health status on low back disorder risk, Discuss the relation between lumbar curvature and LBP risk factors during postural loading, Assess the relation between asymmetric lifting and spine loading, Describe the differences in spine kinematics between LBP patients and normal controls, Analyze the functional deficits that occur following low back disorders, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

X-ray 107, Discuss a common origin of lumbar disc pain, Describe the orientation of lumbar facet joints, Identify the effect of lordosis on the position of the nucleus pulposus, Establish how injuries of the annulus fibrosus can cause nerve root changes, Identify the dynamic stenosis of the lumbar spine, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

X-ray 108, Identify anatomical structures of the knee involved with anterior knee pain, Diagnose fat pad and bursitis syndromes, Establish pathologies of the patellar tendon in adults and children, Differentiate different causes of patellofemoral pain, Match clinical syndromes of knee pain with radiological appearances, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

X-ray 110, Identify the general anatomy of the knee joint, Develop an intimate knowledge of the anatomy of the menisci and ligaments of the knee using gross dissection and cross-sectional imaging, Understand the functional anatomy of the menisci of the knee and define the type and grade of meniscal tears, Establish the conditions discoid lateral meniscus and meniscal cyst and understand the spectrum of treatment available, Identify what type treatment is available for meniscal injuries and when it would be prudent to reevaluate a post-op patient with new knee pain, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

X-ray 112, Outline the physical basis of magnetic resonance imaging, Identify patients that are

candidates for an MRI, Recognize categories of pathology in the spine that are imaged well with MRI, Recognize cases that require contrast, List contraindications for an MRI, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

X-ray 113, Identify and classify injuries to the anterior cruciate ligament, Diagnose and develop treatment for injuries to the posterior cruciate ligament, Diagnose and develop treatment for injuries to the medial collateral ligament, Diagnose and develop treatment for injuries to the lateral collateral ligament, Describe and classify osteochondritis dissecans of the knee, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

X-ray 114, Differentiate ossification from calcification, Identify the categories of ossification, Differentiate myositis ossificans progressiva from myositis ossificans traumatica, Discuss imaging utilization with regards to ossification, Review common and uncommon entities predisposed to ossification or calcification, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Emergency Procedures 101, Know how to prepare for a medical emergency, Review four emergency medical conditions: Stroke, Heart Attack, Difficulty Breathing, Diabetic Emergencies, Recognize the causes, symptoms and signs for these emergencies, Understand how to provide the appropriate emergency treatments, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Clinical Examination of the Hand, Discuss 5 components of a hand examination, Differentiate between intrinsic and extrinsic muscle tightness, Describe 3 examination tools to obtain subjective and objective data, Understand normal hand anatomy in order to recognize pathology, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Overview of Carpal Tunnel Syndrome, Identify the etiology, incidence and prevalence of CTS, Identify the anatomy surrounding the CT and list the 9 structures it contains, Identify 3 provocative maneuvers for diagnosing CTS, List 3 treatment interventions for CTS, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Anatomy of the Forearm and Hand, Identify and match surface landmarks to underlying anatomy, Identify and locate joints of the wrist and hand, Name the motion that occurs at the joints of the wrist and hand, Identify osteology of the wrist, hand and forearm, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Physical Diagnosis 103, Develop an understanding of shoulder anatomy and motion as they pertain to diagnosis and treatment of the injured shoulder, Review examination techniques relative to diagnosis of injury in the overhead athlete, Review the characteristics and diagnosis of shoulder injuries common to overhead athletes, Understand the functional anatomy of joint and the classification of traumatic injuries of the acromioclavicular joint, Develop understanding of the mechanisms, examination, diagnosis, radiography and treatment of common acromioclavicular joint injuries, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Physical Diagnosis 106, Identify common causes of patello-femoral syndrome, Understand knee mechanics relative to patello-femoral syndrome, Differentially diagnose patello-femoral syndrome from other knee conditions, Define an appropriate treatment program for patello-femoral

syndrome, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Physical Diagnosis 107, *Identify common causes of shoulder syndrome, Understand functional mechanics of the shoulder relative to impingement syndrome, Differentially diagnose shoulder impingement from other shoulder conditions, Define an appropriate treatment program for impingement syndrome*, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Physical Diagnosis 109, *Apply clinical diagnostic skills to evaluate patients with low back pain, Differentially diagnose low back pain in patients with intervertebral disc protrusions, carcinoma of the pancreas, sero-positive inflammatory neuropathy, sacroiliac joint dysfunction and resorption of disc material, Order appropriate diagnostic testing in the differential diagnosis of low back pain*, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Physical Diagnosis 113, *Develop improved clinical skills in evaluating patients by evaluating case studies, Discuss symptoms associated with irritation of the paraspinal sympathetic chain, Diagnose patients using functional lateral bending x-rays, Use weight bearing x-rays to analyze leg length deficiencies, Use functional cervical x-rays to evaluate cervical trauma*, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Physical Diagnosis 116, *Create improved clinical skills in evaluating patients by evaluating case studies, Apply clinical skills in creating detailed rehabilitation plans for patients with knee injuries, Determine the accuracy of physical diagnostic testing for meniscal injuries, Discuss the use of emergency room MRI for knee injuries, Assess the effectiveness of knee surgery for meniscal tears*, University of Bridgeport College of Chiropractic, Bridgeport CT, 2007

Taping for Dummies, Kinesiotaping, Specific proprioceptive taping procedures, New York Chiropractic College, East Brunswick NJ, 2007

Covering the Menu of Modalities from A-Z, Review of low volt galvanic, high volt, interferential, premodulated, russian, biphasic, microcurrent electrotherapies, Application of ultrasound, heat, ice and phototherapy/laser, New York Chiropractic College, East Brunswick NJ, 2007

The use of FAKTR-PM in Daily Practice, Introduction to procedure and its use in acute/inflammatory processes, Apply the technique to Chronic/overuse injuries, practical demonstration and hands on technique, New York Chiropractic College, East Brunswick NJ, 2007

Simple Adjusting Techniques & Stabilization of Lower Extremity, Review of neurophysiology as it relates to the lower extremity, Review anatomy and adjusting techniques of the foot, New York Chiropractic College, East Brunswick NJ, 2007

Introduction to MRI in the Chiropractic Practice, Review of T1 vs T2 images, Review of normal anatomy, Case Studies, New York Chiropractic College, East Brunswick NJ, 2007

Whiplash and Brain Injury Traumatology, Biomechanics for forensic experts, Impairment Scales, Seat Belt and Shoulder harness effects, Temporal Mandibular Disorder (TMD), Thoracic Outlet Syndrome (TOS), Mild Traumatic Brain Injury (MTBI), Post Concussion Syndrome (PCS), Myofascial Pain Disorder (MPD), Sclerotomal Pain Radiation, Post Trauma Prognosis, Spine Research Institute of San Diego, Orlando FL, 2007

Whiplash and Brain Injury Traumatology, - *Accident Reconstruction, Physical examination of whiplash and traumatic brain injury, Computerized Tomography, Magnetic Resonance Imaging Interpretation of Spine (MRI), Video-fluoroscopy, Radiographic Examination, Brain Stem Auditory Evoked Responses (BAER), Visual Evoked Potentials, Electromyography (EMG), Surface Electrode Electromyography (SEMG), Nerve Conduction Velocity (NCV), Somatosensory Evoked Potentials (SSEP), Phases of Healing, Treatment Plan Design, Determination of Maximum Medical Improvement (MMI)*, Spine Research Institute of San Diego, Orlando FL, 2007

Whiplash and Brain Injury Traumatology, *Accident Reconstruction, Physical examination of whiplash and traumatic brain injury, Computerized Tomography, Magnetic Resonance Imaging Interpretation of Spine (MRI), Video-fluoroscopy, Radiographic Examination, Brain Stem Auditory Evoked Responses (BAER), Visual Evoked Potentials, Electromyography (EMG), Surface Electrode Electromyography (SEMG), Nerve Conduction Velocity (NCV), Somatosensory Evoked Potentials (SSEP), Phases of Healing, Treatment Plan Design, Determination of Maximum Medical Improvement (MMI)*, Spine Research Institute of San Diego, Orlando FL, 2007

Cervical and Lumbar Radiculopathy Workshop, *Anatomy and Pathology of the cervical and lumbar spine, Cervical-Lumbar Centration, Neuromobilization and Stabilization workshops*, University of Bridgeport College of Chiropractic, Newark NJ, 2006

Cox Technic Seminar, *Biomechanics of the human spine, Examination and Algorithm of decision making for Cox Technic, Biomechanics, Diagnosis and Treatment of Facet Syndrome, Spondylolisthesis, Cervical Spine, Hands on training*, National University of Health Sciences, Philadelphia PA, 2005

Physical Therapy 101, *Discuss the use of electrotherapy to control pain, Establish parameters for wobble board rehabilitation of the ankle, Describe how SI manipulation affects anterior knee pain, Discuss the use of post-fracture manipulation, Construct therapeutic exercises for patients with lumbar spinal stenosis*, University of Bridgeport College of Chiropractic, Bridgeport CT, 2004

SELECTED PROFESSIONAL MEMBERSHIPS

American Chiropractic Association, 1998 – Present

Association of New Jersey Chiropractors, 2005 – Present

American Acadamey of Medical Legal Professionals, 2008 – Present

SELECTED CIVIC ACTIVITIES

Member, Eatontown Food Co-Op, 2008 - Present

Founder and President, LeTip of Eatontown, 2006 – Present

Member, Eatontown Lions Club, 2006 – Present

Founder and President, LeTip of Manasquan, 2002 - 2006