

Randal L. Horsley, D.C.
28253 Dupont Blvd., Millsboro, DE 19966 (302) 934-7350
DrH@mywellnessjunction.com www.mywellnessjunction.com

EDUCATION

Doctor of Chiropractic (D.C.) February 2010
Palmer College of Chiropractic (PCC), Davenport, Iowa

Bachelor of Science (B.S.) August 2003
Biological Sciences with Chemistry Minor
University of Nevada Las Vegas (UNLV), Las Vegas, Nevada

ADVANCED TRAINING

Current additions to this section to be added asap.

Advanced Soft Tissue-Chiropractic Rehabilitation Aug. 2009

Training covered studies of the Chiropractic rehabilitation concepts, functional anatomy, joint mechanics, gait analysis, and movement patterns under the instruction of Dr. R. Pavlicek at Palmer College of Chiropractic, Davenport, Iowa.

Graston Soft Tissue Technique Aug. 2009

Extensively studied the theory and application of Graston Technique and successfully obtained module I Graston certification under the instruction of Dr. R. Pavlicek at Palmer College of Chiropractic Davenport, Iowa

Cox Lumbar Flexion-Distraction June 2009

Training covered studies of the latest research in the biomechanics of the lumbar spine, the diagnostic evaluation of these dynamics and the correction methods available to address each entity under the instruction of Dr. L. Swank at Palmer College of Chiropractic, Davenport, Iowa.

Activator Methods March 2009

Studied spinal analysis and adjusting procedures of the Activator Methods under the instruction of Dr. J. Green.

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Clinical Experience

Associate Chiropractic Physician:

Delmarva Health Centre
Delmar, Delaware

June 2011 – April 2012

Duties included new and established patient health care activities focusing on treating the body's nerve, muscle, and skeletal systems. Performing case histories, physical and Orthopedic exams, report of findings, establishing and performing patient treatment plans, ordering diagnostic imaging (as needed), diagnostics, nutritional counseling, creating and maintaining detailed patient health care records, and performing precise chiropractic spinal and extremity adjustments. Chiropractic adjustments are performed utilizing techniques from Gonstead, Diversified, Thompson, Activator, and Drops. Soft tissue treatments also include physiotherapy modalities including ultrasound, electrical stimulation, moist heat and ice. The above is included with a continuing focus on primary health education to increase patient awareness within the Delmarva community via public speaking engagements.

Peninsula Chiropractic Center
Seaford, Delaware

May 2012 – September 2013

Duties included new and established patient health care activities focusing on treating the nerve, muscle, and skeletal systems. Performing case histories, physical and Orthopedic exams, report of findings, establishing and performing patient treatment plans, ordering diagnostic imaging (as needed), diagnostics, nutritional counseling, creating and maintaining detailed patient health care records, and performing precise chiropractic spinal and extremity adjustments. Chiropractic adjustments are performed utilizing techniques from Gonstead, Diversified, Thompson, Activator, and Drops. Soft tissue treatments also include physiotherapy modalities including ultrasound, electrical stimulation, moist heat and ice. The above is included with a continuing focus on primary health education to increase patient awareness within the community via public speaking engagements.

PCC Student Doctor Preceptorship Program:

November 2009 - February 2010

Burt Clinic of Chiropractic Spinal Health & Wellness Center,
Walcott, Iowa

Duties included treating patients using cervical and lumbar decompression and traction, ultrasound, electrical stimulation muscle therapy, preparing report of findings materials, taking x-rays and performing line drawing analysis to x-ray films for biomechanical diagnostics under the direction of Drs. Mickey, Chad, and Brad Burt.

CLINICAL EXPERIENCE (continued)

PCC Student Doctor Intern:

Palmer Outreach Clinic,
Davenport, Iowa

Oct. 2009-Nov. 2009

Duties included new and established patient health care activities focused on treating the body's nerve, muscle, and skeletal systems. This included performing case histories, physical and Orthopaedic exams, report of findings, establishing and performing patient treatment plans, x-rays, diagnostics, creating and maintaining detailed patient health care records, and performing precise chiropractic spinal and extremity adjustments. Chiropractic adjustments were performed utilizing techniques from Gonstead, Diversified, Thompson, Activator, and Drops under the direction of Dr. Frost. Soft tissue treatments also included Graston technique and physiotherapy modalities.

PCC Clinic Abroad Program,
Ho Chi Minh (Saigon) and Da Lat, Vietnam

October 2009

Performed complete case history, physical and/or Orthopaedic exams, detailed patient health care records, and chiropractic spinal and extremity adjustments on 119 (one hundred and nineteen) Vietnamese patients under the direction of Dr. Illingworth.

PCC Academic Health Center,
Davenport, Iowa

March 2009-October 2009

Duties included new and established patient health care activities focused on treating the body's nerve, muscle, and skeletal systems. This included performing case histories, physical and Orthopaedic exams, report of findings, establishing and performing patient treatment plans, x-rays, diagnostics, creating and maintaining detailed patient health care records, and performing precise chiropractic spinal and extremity adjustments. Chiropractic adjustments were performed utilizing techniques from Gonstead, Diversified, Thompson, Activator, and Drops. Soft tissue treatments included Cold laser, Graston technique and physiotherapy modalities under the direction of Dr. Boesch.

PCC Campus Health Center,
Davenport, Iowa

November 2008-October 2009

Duties included learning, creating, and maintaining complete and detailed student patient health care files, taking and interpreting x-rays, performing report of findings to the student patient, delivering chiropractic adjustments and performing physiotherapy treatments to student patients under the direction of Dr. McConnell.

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PCC Clinical Academic VA Rotation

Iowa City, Iowa

Duties included working with the interdisciplinary VA hospital staff that was made up of medical doctors, pharmacologists, and social workers. I sat in with veteran patient health care under all the above mentioned disciplines and actively participated in the pre and post patient briefing meetings where all were present to discuss each patients findings, diagnosis, and treatment plans.

Techniques utilized: Diversified, Drop, Lumbar Flexion Distraction, Gonstead, Palmer upper/lower Extremity Technique, Cold Laser Therapy, Graston, Soft Tissue Therapy, Cervical and Lumbar traction, and Activator and physiotherapy treatments. Dr. Horsley delivered over 250 adjustments while at PCC.

LICENSES and CERTIFICATIONS

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American Heart Association CPR & AED Program Adults and Infants primary emergency response	July 2011
Delaware State License for Chiropractic and Physiotherapy License # F1-0000807	April 2011
Colorado State License for Chiropractic and Physiotherapy License # CHR-6536 (inactive)	May 2010
Certificate of Merit PCC Clinical Academic Rotation Program University of Iowa Veterans Administration Hospital, Iowa City, Iowa	February 2010
National Board Certified (Parts I-IV), NBCE	September 2008-March 2010
National Board Certified in Physiotherapy, NBCE	September 2009
Graston technique module I certified	August 2009
Lumbar Flexion-Distraction certified	June 2009
Activator Method certified	March 2009
American Red Cross First Aid	February 2009
American Red Cross CPR-Adult and Child with CPR-infant	February 2009
Collegiate Teaching Certificate University of Nevada Las Vegas	August 2004

PROFESSIONAL MEMBERSHIPS

Delaware Chiropractic Society	2011-present
American Chiropractic Association	2006-present
Colorado Chiropractic Association	2010

RELATED EXPERIENCE

Biomedical Research Assistant 2003-2004
(Biochemistry PhD program), University of Iowa

An article in the journal *Cell Cycle* titled "Rescue of the TTF2 knockdown phenotype with an siRNA-resistant replacement vector" 2004 Sep;3(9):1151-3. Epub 2004 Sep 10; acknowledges my biochemistry and genetic work as a graduate student at the University of Iowa while attending a PhD program in Biochemistry.

Gained experience in a broad spectrum of biomechanical methods and techniques including, but not limited to: SDS-PAGE, Immunoprecipitation, Southern, Northern and Western blots, Confocal and electron microscopy, HPLC, FPLC, SEC (Size exclusion Chromatography), PCR, rt-PCR, si-RNA, transfection, transformation, and cell culture harvesting were a few of the skills attained while working as an research assistant at UNLV and UI.

Biochemical Laboratory Assistant 1998-2003, 2004-2005
(Undergraduate and Masters Program in Chemistry and Biochemistry), University of Nevada Las Vegas (UNLV)

Experience included assigned presentations regarding my research findings such as virus and Breast Cancer research, specifically mechanisms of *Rhizoctonia Solani* relating to western agricultural region and also hsp27 (heat shock protein) relating to human breast cancer, headed by the Nevada Cancer Institute under the direction of Dr. S.W. Carper at UNLV Las Vegas, Nevada.

Chemistry Lab Instructor 2004-2005
University of Nevada Las Vegas

Duties included teaching lectures for the undergraduate Inorganic Chemistry lab101 and 102, preparing chemicals, proctoring and grading exams, developing and monitoring experiments in the lab for student safety.

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ADDITIONAL EXPERIENCE

Professional International Presentation

September 2010

Educational speaking engagement addressing Orthopaedic surgical medical providers at the Da Nang General Hospital surgical department in Da Nang, Vietnam. Presentation addressed the introduction of Chiropractic medicine to orthopaedic-related non-surgical candidates on a pre- / post- surgical treatment regimen. The Vertebral Subluxation Complex was also scientifically explained and presented in the context of a degeneration phenomenon model relating to the physiological and biomechanical fundamentals of the human body.

Scientific research presentations:

1998-2005

Dr. Horsley delivered numerous classroom lectures at the **University of Nevada Las Vegas** addressing advanced classes in the biology department's curriculum covering topics regarding cellular respiration mechanisms.

Michigan State University Science Department was the target audience for an interview presentation addressing Dr. Horsley's research regarding the Heat Shock Protein 27 mechanisms relating to human breast cancer conducted at UNLV.

During Dr. Horsley's enrollment at the **University of Iowa Biochemistry department PhD program**, he delivered over 25 presentations to faculty, committee, and colleagues on topics ranging from the biochemistry of genetic transcription to intercellular thermodynamics.

PUBLICATIONS AND ACKNOWLEDGEMENTS

Acknowledged in Cell Cycle Journal

"Rescue of the TTF2 knockdown phenotype with an siRNA-resistant replacement vector" 2004 Sep;3(9):1151-3. Epub 2004 Sep 10.

2004 / 2005 Chancellor's List

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