

# CURRICULUM VITAE

## **Nicholas Alexander Wise, D.C.**

Adjunct Instructor, University of North Carolina School of Medicine

Wise Chiropractic LLC, Owner

Wise Techniques LLC, Owner

## **EDUCATION**

Graduate: University of North Carolina-Chapel Hill  
Chapel Hill, NC 2015-2017  
Degree: M.S., Clinical Research

Professional: Sherman College of Chiropractic  
Spartanburg, SC 1996-2000  
Degree: Doctor of Chiropractic  
Magna Cum Laude

College: University of South Carolina  
Columbia, SC 1990-1994  
Degree: B.A., Philosophy

## **TRAINING**

Postdoctoral Research Fellowship: NIH Ruth L. Kirchstein T-32, Program on Integrative Medicine  
University of North Carolina- Chapel Hill; 2014-2017  
Mentors: Susan Gaylord, PhD; Doug Mann, MD; Flavio Frohlich, PhD.

Postgraduate: Continuing Education Courses in Chiropractic Techniques, Sports Medicine,  
Rehabilitation, Radiology, Neurology, Low-Level Laser Therapy, Acupuncture,  
Auriculotherapy and Nutrition, 2001-present.

## **LICENSURE**

NC Board of Chiropractic Examiners  
May 2014-present. Lic # 4477

SC Board of Chiropractic Examiners  
Feb 2001-present. Lic # 2549

## **TEACHING EXPERIENCE**

University of North Carolina School of Medicine – Chapel Hill, NC. Lecturer on Chiropractic and Photobiomodulation: Principles and Practices of Complementary and Alternative Medicine (PMED 250); 2014- present; Hours lectured: 3/year.

Wise Techniques, LLC. Producing and teaching 12-hour seminars in North America, UK and Europe; 2008-present.

Sherman College of Chiropractic. Featured lecturer in Physiotherapy and Adjustive Technique classes, 2008-2012. Hours lectured: 6-8/year.

Hawaii State Chiropractic Association, Invited Speaker, 12 hours of CE on Cranial Laser Reflex Technique. Honolulu, HI, March 2010.

Hawaii State Chiropractic Association Convention, Keynote Speaker, Honolulu, HI, March 2009. 8 hours of continuing education hours.

SC Chiropractic Convention, 4 hours of CE on Cranial Laser Reflex Technique, Myrtle Beach, SC, March 2009.

## **AWARDS AND HONORS**

National Board Chiropractic Examiners Part IV Scholarship, 2000.

## **PROFESSIONAL ASSOCIATIONS AND EXPERIENCE**

North American Association of Laser Therapy (NAALT) 2007- present; Board Member, 2014 – present; Chair of Scientific Committee; 2017 - present.

Session Chair, Transcranial Photobiomodulation, NAALT Conference, 2017.

Session Chair, Global Summit on Lasers and Regenerative Medicine; 2016.

Session Co-Chair, American Society for Laser Medicine and Surgery; 2016.

South Carolina Chiropractic Association; 2007-2014

Asian Pacific Association for Laser Medicine and Surgery; 2010-2012.

## **SERVICE**

Mentorship/Clinical Observation in Chiropractic Practice for MS4 taking CAM Elective; University of North Carolina School of Medicine – Chapel Hill, NC; 2014 - Present

Peer Reviewer, Journal: Trials, 2015 – Present.

Member, Wellness Committee, UNC Dept. of Physical Medicine & Rehabilitation, 2016-2017.

## **RESEARCH SUPPORT**

NC TraCS \$2K grant. “The Effects of Cranial Laser Reflex Technique on Hamstring Flexibility, Strength and Pain Pressure Threshold: a Pilot Study.” 12/2016- present.

Role: Principal Investigator.

Chronic Lumbosacral Radiculopathy: Impact of an Analgesic Dietary Intervention on Pain & Function (AKA Nutrition for Lumbar Radiculopathy); North American Spine Society (NASS), Mayday Fund; 10/2016-present.

Role: Co-Investigator

## **PUBLICATIONS**

N.A. Wise, D.C. Reduction Of Chronic Musculoskeletal Pain With Cranial Laser Reflex Technique (CLRT): A Randomized Controlled Trial Using Pressure Algometry; **American Institute of Physics**: Laser Florence 2009: A Gallery Through the Laser Medicine World.

### **Abstract:**

An Introduction to Cranial Laser Reflex Therapy (CLRT). Laser Therapy, October 2010, Vol 10, p 211.

### **First Author Manuscripts in Progress:**

“Chiropractic Usage and All-cause Mortality: A survival analysis of the combined 2002 & 2007 CAM National Health Interview Surveys (NHIS).”

“Omega-3 Supplementation and All-Cause Mortality: A survival analysis of the combined 2002 & 2007 CAM National Health Interview Surveys (NHIS.) With Jacob Hill.

“The Global Burden of Musculoskeletal Disorders in an Ageing World.”

“Targeting Alpha Oscillations with Transcranial Photobiomodulation for Stress: The Role of Laterality in the Prefrontal Cortex.” With Flavio Frohlich, PhD.

“The Effects of Cranial Laser Reflex Technique on Hamstring Flexibility, Strength and Pain Pressure Threshold: a Pilot Study.”

### **PRESENTATIONS**

Transcranial Photobiomodulation on the Neural Correlates of Stress. North American Association for Light Therapy National Conference. San Diego, CA. February 2017.

Transcranial Photobiomodulation for Stress and Pain. Global Summit on Lasers and Regenerative Medicine. Bangalore, India. September 2016.

Cranial Photobiomodulation in Chiropractic Practice: Clinical Applications for Stroke, Stress and Pain. American Society for Laser Medicine and Surgery. Boston, MA. April 2016.

COPA2014 (Chiropractic, Osteopathy, Physical Therapy & Acupuncture) Practice Growth Show, Presented 1 hour Introduction to CLRT masterclass. ExCel Center, London June 12-13, 2014.

COPA2013 (Chiropractic, Osteopathy, Physical Therapy & Acupuncture) Practice Growth Show, Presented 1 hour Introduction to CLRT masterclass. ExCel Center, London June 11-12, 2013.

The Scientific Plausibility of Transcranial Laser Therapy for Stress and Emotional Issues. North American Association of Laser Therapy (NAALT) Conference, West Palm Beach, FL Jan 2013.

An Introduction to Cranial Laser Reflex Therapy (CLRT). 13<sup>th</sup> Congress of APALMS (Asian Pacific Association for Laser Medicine and Surgery.) Suwa City, Nagano Japan, Oct 2010.

It's All in Your Head: An Introduction to Cranial Laser Reflex Therapy (CLRT). Laser Physics 2010 Congress: Biophotonics Seminar. Foz do Iguaçu, Brazil, July 2010.

Reduction Of Chronic Musculoskeletal Pain With Cranial Laser Reflex Technique (CLRT): A Randomized Controlled Trial Using Pressure Algometry. International Society for Laser Medicine & Surgery (ISLMS) Conference, Laser Florence. Florence, Italy, November 2009.

Cranial Laser Reflex Technique and Chronic Musculoskeletal Pain. Scientific Poster. North American Association of Laser Therapy (NAALT) Conference, West Palm Beach, FL, March 2008.

Chiropractic: Science, History, and the Future in India. Special presentation to Members of Parliament, New Delhi, India. August 2008.

CLRT and Post-Stroke Rehabilitation: A Case Study. North American Association of Laser Therapy (NAALT) Conference, Tucson, AZ, May 2007.

Establishing the Chiropractic Profession in India: A Roadmap. Special Presentation to the Honorable Minister of Health. CDC Conference, Atlanta, GA, June 2006.

Chiropractic: Science and Research. Special presentation to Hon. Minister of Health and Director General of Indian Council on Medical Research. New Delhi, India, November 2005.

Chiropractic Care for the Geriatric Population. Spartanburg Regional Medical Center, Sage Center for Senior Health. Nov 2001.

### **CURRENT SPECIAL INTERESTS**

Clinical research, photobiomodulation, brain mechanisms of spinal manipulation, brain oscillations, heart rate variability, functional near-infrared spectroscopy, non-invasive brain stimulation, stress, chronic pain, CAM and all-cause mortality, global burden of musculoskeletal disorders, expanding access to integrative and mind-body medicine.