

## Dan Tuttle, DC, LCSW

I am Chiropractic Physician with a dual license as a Clinical Social Worker. I work with patients with both neurological and psychological problems using a variety of methods including chiropractic, neurofeedback and psychotherapy. I continue to conduct research on chiropractic effects on brain function using quantitative electroencephalography.

### WORK EXPERIENCE

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**Tuttle Health, LLC**, Palm Harbor, FL  
*Private practice*

12/17-present

**Life University**, Marietta, GA  
*Research Track*

01/13-06/17

- Developed, coordinated and conducted the first randomized controlled study on chiropractic, brain function and behavior (NCT01953614)
- Presented results at DC2017, world's largest chiropractic research conference
- Writing manuscript
- Presented other brain research at multiple research conferences
- Taught others how to utilize quantitative Electroencephalography (qEEG) technology for future research at Life University
- Chosen to be part of an elite program reserved for 7 students at the school.

**Madock Chiropractic Clinic**, Temple Terrace, FL  
*PEAK Internship 2*

04/17-06/17

- Enriched and expanded knowledge of chiropractic assessment and adjustments with focus on Sacro-Occipital Technique, Cox Technique and learned Iso-Cranial Technique, a specialized form of Craniopathy
- Expanded knowledge and experience of patient recruitment, management and retention
- Worked with insurance billing, coding, and documentation in patient records
- Exceeded all required numbers of patient encounters for course requirements

**Community Outreach, Life University**, Marietta, GA  
*PEAK Internship 1*

01/17-03/17

- Provided chiropractic services to socioeconomically challenged populations and the elderly
- Expanded and fortified analysis and adjusting techniques
- Worked with children, adults and the elderly
- Surpassed all required numbers of patient encounters for course requirements

**Center for Health and Optimum Performance, Life University**, Marietta, GA  
*Chiropractic Student Intern*

03/16-12/16

- Provided chiropractic care to the general public
- Utilized analysis and techniques including Sacro-Occipital Technique, Thompson Technique, Activator Technique, Gonstead Technique and Diversified Technique
- Continued to develop skills in patient management, radiology, and electronic record keeping
- Outpaced all required numbers of patient encounters for course requirements

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**Campus Center for Health and Optimum Performance, Life University, Marietta, GA** 09/15-03/16  
*Chiropractic Student Intern*

- Served the student population at Life University
- Provided chiropractic care with Diversified adjusting techniques
- Utilized methods of analysis including motion palpation, static palpation, posture analysis, thermography, radiology and leg length
- Exceeded all required numbers of patient encounters for course requirements

**Psychological Sciences Institute, Suwanee, GA** 10/08-12/12  
*Chief Therapist, Licensed Clinical Social Worker*

- Performed and oversaw clinical activities of psychotherapy, neurofeedback, interactive metronome
- Worked with multidisciplinary team of neuropsychologists, social workers, psychometrists, occupational therapists, speech therapists, and physical therapists
- Worked extensively with ADHD and Autism in a pediatric and adult population
- Worked with case of Dravet Syndrome with SCN1A sodium channel mutation
- Processed qEEG records and presented several posters at various conferences in the United States on ADHD and Dravet Syndrome

**Swift River Health Care, Rumford, ME** 12/05-06/08  
*Licensed Clinical Social Worker*

- Conducted outpatient psychotherapy to individuals, couples, families and children with 4,600+ hours of direct outpatient psychotherapeutic experience
- Collaborated on a multidisciplinary team of MD's, DO's, NP's, PA's both in family practice and psychiatry
- Coordinated care and worked with psychologists and neuropsychologists outside of practice
- Refined psychotherapeutic skills working with a markedly challenging case load requiring utilization of an extensive variety of psychotherapy techniques and interventions
- Treated 142 different disorders as defined by DSM-IV-TR

**Neurofeedback: Private Practice, ME** 08/07-06/08

- Evaluated and trained using QEEG analysis
- Utilized Brainmaster hardware and software as well as NeuroGuide as normative database software
- Acquired 62 hours of Neurofeedback training, including BCIA-EEG pre-requisites
- Evaluated measurements of attention and response control with IVA+

**Roberto Clemente High School, Chicago, IL** 09/04-05/05  
*Social Work Intern*

- Developed and refined individual psychotherapeutic techniques with male and female inner city, socio-economically disadvantaged, minority adolescents
- Counseled clients and their families incorporating family therapy techniques
- Worked with multi-disciplinary team of MD's, PA's, NP's and Psychologists
- Developed and implemented art therapy techniques for appropriate students

**Loyola University Chicago, School of Social Work, Chicago, IL** 09/04-05/05  
*Graduate Assistant*

- Conducted research and completed class preparation for Professor
- Compiled research data using Statistical Package for the Social Sciences (SPSS)
- Assisted the Multicultural Alumni Resource Committee (MARC) and redesigned school newsletter *Social Workers Connect*

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### St. Elizabeth's Hospital, Chicago, IL

09/03-05/04

#### Social Work Intern

- Conducted patient intake and psychosocial assessments for adults struggling with moderate to severe psychiatric disorders, dual diagnosis, and substance abuse for this inpatient facility
- Led daily group therapy sessions with five to fifteen patients
- Oversaw case management for patients and coordinated discharge planning

### Hampshire Educational Collaborative, Swift River Elementary School, Belchertown, MA

#### Instructor

08/02 – 08/03

- Instructor for eight children with special needs in all subjects including mathematics and art in a 1:1/1:2 teacher-to-student ratio classroom
- Assisted a student population with a variety of pervasive developmental, specified developmental, mood, attention and anxiety disorders
- Prepared students struggling in math to pass state math skills test
- Prepared lesson plans, planned curriculum, set developmental goals, implemented behavior modification programs, and developed individually based methods of teaching

## EDUCATION

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**Doctor of Chiropractic**, Life University, Marietta, GA. June 2017 | Research Track participant

**Masters in Social Work**, Loyola University Chicago School of Social Work, Chicago, IL *Summa Cum Laude*. May 2005 | Graduate Assistant Scholarship

**Bachelor of Arts, Art**, University of Massachusetts, Amherst, MA *Magna Cum Laude*. February 2002

## LEADERSHIP/SERVICE

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**President**, Sacro-Occipital Technique Club, Life University. Involved in club from 01/2013-12/2016. Practiced and refined abilities teaching chiropractic technique to a student audience for 4 years

**Vice President**, Student Government, Graduate Student Association, Loyola University Chicago School of Social Work, 2003-2005 leading academic and social sub-committees

**President's Council**: Loyola Graduate School of Social Work Representative and Assembly of Loyola Student Groups, 2003-2004

**Curriculum Committee**: Loyola Graduate School of Social Work Representative, 2004-2005. Topics included school re-accreditation and expansion of Social Work program

**Special Needs Tutor**: Community Service Project at High School. New Ipswich, NH, 9/97-12/97

## AWARDS

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- **Best Scientific Paper**, *Changes over time in effective neural connectivity following a chiropractic adjustment*. Association of Chiropractic Colleges Research Agenda Conference, March 2019
- **Contemporary Scientific Paradigms Award**, Life University, June 2017
- **Research Track Participant Award**, Life University, June 2017
- **Outstanding Leadership Award** for leadership at Life University, May 2017
- **Psychological Sciences Institute**, Excellence award for service for innovative treatment of complex behavioral disorders, December 2012
- **Organizational Award for Commitment to Excellence in Scholarship and Service in the Pursuit of Truth and Care of Others**. Loyola University Chicago School of Social Work, May 2005. Award created specifically for me for the magnitude of performance and service of my work at Loyola University Chicago
- **Joseph Lassner Graduate Student Association Award for Outstanding Leadership and Service**. Loyola University Chicago School of Social Work, May 2005

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### SELECTED CONTINUING EDUCATION

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- **Microcurrent Point Stimulation pain therapy.** Tampa, FL June 2019
- **Sacro-Occipital Research Society International (SORSI) Midyear.** St. Louis, MO. April 2019
- **Sacro-Occipital Research Society International (SORSI) Annual conference.** Denver, CO. October 2018
- **Sacro-Occipital Research Society International (SORSI) Midyear.** Atlanta, GA. April 2018
- **Cell Symposia: Big Questions in Neuroscience.** Arlington, VA. November 2017
- **Sacro-Occipital Research Society International (SORSI) Annual conference.** Denver, CO. October 2017
- **International Society for Neurofeedback and Research, Annual conference.** Mashantucket, CT. September 2017
- **Florida Chiropractic Society, Annual Meeting.** Completed all requirements for first year of licensing in Florida. Orlando, FL. August 2017
- **Sacro-Occipital Research Society International (SORSI) Midyear conference.** Dallas, TX. April 2017
- **Extremity Adjusting.** Marietta, GA. January 2017
- **SORSI Annual Conference.** Denver, CO. October 2016
- **Category 2 intensive.** Marietta, GA. October 2016
- **Temporal Mandibular Joint Disorders.** Marietta, GA. August 2016
- **Integrated Spinal Analysis—assistant instructor.** Marietta, GA July 2016
- **Cranial Sutural Technique and Facial Distortion.** Marietta, GA. May 2016
- **SORSI Midyear.** Atlanta GA. April 2016
- **Common Childhood Health Concerns.** Marietta, GA. February 2016
- **Introduction to Cranial Adjusting and Cranial Ranges of motion.** Marietta, GA. January 2016
- **Advanced Posture Analysis Seminar.** Marietta, GA. October 2015
- **Functional Pregnancy Seminar.** Marietta, GA. August 2015
- **Integrated Spinal Analysis Seminar—Assistant Instructor.** Marietta, GA July 2015
- **Category 1 and 3 Intensive.** Marietta, GA. July 2015
- **Pediatric Adjusting Seminar.** Marietta, GA. May 2015
- **Advanced Osseous Adjusting Seminar.** Marietta, GA. April 2015
- **Chiropractic Manipulative Reflex Technique—2 weekends.** Marietta, GA. February 2015
- **Integrative Spinal Analysis—Assistant Instructor.** Marietta, GA. January 2015
- **Extremity Adjusting Seminar.** Marietta, GA. October 2014
- **Sacro-Occipital Technique Organization (SOTO-USA) Annual Conference.** Buckhead, GA. April 2013
- **Eye Movement Desensitization and Reprocessing (EMDR I and II).** Atlanta, GA. June and October 2014. 40 hrs
- **Cytokine Effects on the Brain: Immune Regulation of Motion and Emotion.** The Atlanta Psychoanalytic Society. Atlanta, GA. March 2014. 1.5 hrs
- **New Frontiers in Trauma Treatment with Bessell van der Kolk, MD.** Atlanta, GA. April 2012
- **Post Traumatic Stress Disorder.** Atlanta, GA. March 2011. 15 hrs
- **The Diagnosis and Treatment of Bipolar Illness for the Clinician & Infectious Disease and Behavioral Health.** Atlanta, GA, June 2011. 3 hrs
- **Applying Laboratory Evaluations to Improve Clinical Outcome.** Metamatrix Institute. Duluth, GA. August 2010. 8 hrs
- **Applying Laboratory Evaluations: Toxicity.** Metamatrix Institute, Duluth, GA. June 2010. 8 hrs
- **Understanding Frontal Lobe Dysfunctions in Parkinson Disease Through Functional Imaging.** Atlanta, GA. September 2009. 1.5 hrs
- **Processing Emotions and Anxiety and Mood Disorders: ERP and Neuroimaging Findings.** Atlanta, GA. September 2009. 1.5 hrs
- **Getting Started with Neurofeedback.** Biofeedback Certification Institute of America (BCIA) certified training in Neurofeedback. Neurofeedback Services of Southern Vermont. Brattleboro, VT. July 2007. 36 hrs

[www.TuttleHealth.com](http://www.TuttleHealth.com)

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## Dan Tuttle, DC, LCSW

- **Cognitive Behavioral Therapy and Dialectical Behavioral Therapy: A Review and Clinical Update.** Harvard Medical School. May 2006. 15 hrs

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### RESEARCH PUBLICATIONS AND PRESENTATIONS

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- **Tuttle, D;** Sullivan, S; Hochman, J; Hosek, R. Spinal Manipulative Therapy (SMT) Alters Frontal, Temporal, Parietal and Occipital Electrical Activity: A Randomized Control Clinical Study. *Cell Symposia: Big questions in Neuroscience*. Arlington, VA, November 2017. <http://cell-symposia.com/big-questions-in-neuroscience-2017/conference-program.asp>
- **Tuttle, D;** Sullivan, S; Hochman, J; Hosek, R. Sacro-Occipital Techique (SOT®) Alters Frontal, Temporal, Parietal and Occipital Electrical Activity: A Randomized Control Clinical Study. *Joint conference of the Association of Chiropractic Colleges Research Agenda Conference, World Federation of Chiropractic and American Chiropractic Association*. Washington, DC. March 2017. <http://soto-usa.com/association-of-chiropractic-colleges-educational-conference-proceedings-abstracts/>
- **Tuttle, D.** Ongoing research on chiropractic and brain function. *Assembly*, Life University. Marietta, GA. November 2016
- Sullivan, S; Longyear, M; Vestal, J; **Tuttle D;** Hosek, R. Seventeen-Year-Old Post Concussive Male Receiving Chiropractic Functional Neurology Care with Whole Body Rotation: A Case Report. *Association of Chiropractic Colleges Research Agenda Conference*. Orlando, FL. March 2016.
- **Tuttle, D.** Quantitative Assessment of Changes in Brain Activity After a Chiropractic Adjustment. *Sherman International Research and Philosophy Symposium*. Sherman College of Chiropractic. Spartanburg, SC. October 2015. [http://www.mccoypress.net/annals/docs/2015-1405\\_iraps.pdf](http://www.mccoypress.net/annals/docs/2015-1405_iraps.pdf)
- **Tuttle, D;** Sullivan, S; Hochman, J; Hosek, R. Quantitative Assessment of Changes in Brain Activity After a Chiropractic Adjustment. *Association of Chiropractic Colleges Research Agenda Conference*. Las Vegas, NV. March 2015. <https://www.life.edu/wp-content/uploads/2015/02/ACC-RAC-POSTER-TUTTLE-FINAL-revised-June-2015.pdf>
- **Tuttle, D.** *Assembly*, Life University. Aa subject in my chiropractic and brain function study who was not compliant with study inclusion criteria as demonstrated by qEEG. November 2014
- Lord, R; **Tuttle, D;** Cantor, D. Adult bile acid amino transferase deficiency. *American Journal of Case Reports*. 2014;15:63-68. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3937008/pdf/amjcaserep-15-63.pdf>
- **Tuttle, D.** *Assembly*, Life University. A case study of changes in brain function immediately before and after chiropractic adjustment utilizing qEEG. November 2013
- Cantor, D; **Tuttle, D.** Evidence-based QEEG Neurofeedback Therapy: Clinical Outcomes in ADHD. *International Pharmaco-EEG Conference*. New York University. New York, NY. October 2012. <http://www.ipeg-society.org/userfiles/files/IPEG%202012%20Conference%20-%20Abstract%20Book.pdf>
- **Tuttle, D.** The Effects of Two GABA-Enhancing Drugs on Dravet Syndrome. *International Pharmaco-EEG Conference*. New York University. New York, NY. October 2012. <http://www.ipeg-society.org/userfiles/files/IPEG%202012%20Conference%20-%20Abstract%20Book.pdf>
- **Tuttle, D.** The Possible Role of GABAergic Interneurons in EEG Phase Relationships: An Exploratory Case of Dravet Syndrome. *Annual Meeting of the EEG and Clinical Neuroscience Society*. Atlanta, GA. September 2009. <http://journals.sagepub.com/doi/abs/10.1177/155005941004100112?journalCode=eegeb>

### PROFESSIONAL MEMBERSHIPS

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- *Florida Chiropractic Association*. 2017-present
- *International Society of Neurofeedback and Research (ISNR)*. 2007-present
- *EEG and Clinical Neuroscience Society (ECNS)*. 2009-present
- *Brainmaster Technologies, Inc.* Clinical Affiliate Membership. 2007-present
- *Biofeedback and Clinical Neuroscience of Georgia*. 2008-present
- *American Society of Clinical Hypnosis*. Associate Member. 2006-2008
- *National Association of Social Workers*. 2003-present

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State of Florida Chiropractic Physician license # 12257  
State of Florida Licensed Clinical Social Worker license # 14564  
State of Georgia Florida Licensed Clinical Social Worker license # CSW004131