#### **CURRICULUM VITAE**

Name: Jodan D. Garcia, PT, DPT, OCS, Cert SMT, Cert DN, FAAOMPT

Rank: Clinical Professor, Non-tenure Track
Department: Department of Physical Therapy
Office Mailing Address: 140 Decatur St., Suite 1283

Georgia State University Atlanta, GA 30303

# I. Education:

Doctor of Physical Therapy A.T. Still University of Health Sciences Arizona School of Health Sciences November 2009

Bachelor of Science in Physical Therapy Fatima Medical Science Foundation, Inc. November 1995

## II. Professional credentials, certifications and licensure:

- Physical Therapy Georgia State License Number 009753
- Certified Dry Needling Practitioner Georgia State License Number 009753
- Physical Therapy New York State License Number 018940
- Physical Therapy New Jersey State License Number 40QA00805200
- Physical Therapy California State License Number 39362
- Therapeutic Pain Specialist Certification Evidence in Motion Institutes of Health Professions 2021
- Fellow of the American Academy of Orthopedic and Manual Physical Therapists (FAAOMPT)—2018-2028
- Board Certified Orthopedic Physical Therapy (OCS)- American Board of Physical Therapy Specialties- 2013-2023
- Certification in Spinal Manipulative Therapy (Cert SMT)- 2013
- Certification in Dry Needling Therapy (Cert DN)- 2012

# III. Work history:

Clinical Professor
Non-tenure track
Department of Physical Therapy
Georgia State University
Atlanta, Georgia
May 2022- present

Clinical Associate Professor Non-tenure track Department of Physical Therapy Georgia State University Atlanta, Georgia May 2017- present

Physical Therapist Georgia State University Physical Therapy Faculty Practice Atlanta, Georgia January 2014 - present

Assistant Department Chair Department of Physical Therapy Georgia State University Atlanta, Georgia July 2014- July 2016

Clinical Assistant Professor Non-tenure track Department of Physical Therapy Georgia State University Atlanta, Georgia February 2010- April 2017

Adjunct Faculty
Masters in Prosthetics and Orthotics Program
Georgia Institute of Technology
Atlanta, Georgia
August 2014- 2018

Per-Diem Physical Therapist

Acute Care Emory University Hospital-Midtown Atlanta, GA February 2010- June 2014

Senior Physical Therapist
Outpatient Rehabilitation Department
South Nassau Communities Hospital
Oceanside, New York
August 2005- December 2009

Per-Diem Physical Therapist Home Care Department South Nassau Communities Hospital Oceanside, New York March 2006- December 2009

Staff Physical Therapist Acute Rehabilitation Brunswick Hospital Center Amityville, New York December 2004- August 2005

Per-Diem Home Care Visiting Nurse Service and Hospice of Suffolk Inc. Northport, New York January 2004- July 2007

Director of Physical Therapy Outpatient Rehabilitation Plaza Medical and Diagnostic, P.C. Huntington, New York November 2001- December 2004

Senior Physical Therapist
Outpatient Rehabilitation
Deer Park Medical Office, P.C.
Deer Park, New York
November 1998- November 2001

Core Faculty /Clinical Instructor
Fatima Medical Science Foundation, Inc.
B.S. Physical Therapy Program

# Manila, Philippines December 1995- July 1998

# VI. Instruction

# A. Teaching:

Current Teaching Responsibilities in the Entry-level Physical Therapy Program (in sequence, by quarter or semester): *Department of Physical Therapy, Georgia State University, Atlanta Georgia* 

# Fall Semester: (2010 – 2020)

- PT 7625: Musculoskeletal I Course Coordinator 30-44 students
- PT 7626: Musculoskeletal II Course Coordinator 30-44 students
- PT 8825: Musculoskeletal V Instructor 30-41 students
- PT 6610: Functional Anatomy I Instructor 30-36 students \* (2010-2013)
- PT 8700: Evidence-Based Practice III Instructor 10-12 students
- PT 8999: Research Instructor 2-3 students

## **Spring Semester**: (2010 – 2021)

- PT 7030: PT Interventions I Course Coordinator 30-44 students
- PT 7725: Musculoskeletal III Course Coordinator 30-44 students
- PT 9000: Comprehensive Review Course Coordinator 30-41 students
- PT 8999: Research Instructor 2-3 students

### **Summer Semester**: (2010 – 2020)

- PT 7726: Musculoskeletal IV Course Coordinator 30-41 students
- PT 7800: Evidence-Based Practice II Instructor 10-12 students
- PT 8700: Evidence-Based Practice III- Instructor 10-12 students
- PT 6950: Introduction to Radiology and Imaging Course Coordinator 30-41 students
- PT 7250: Clinical II Instructor 10-12 students
- PT 7850: Clinical III- Instructor 10-12 students
- PT 7610: Medical Screening Instructor 30-41 students
- PT 6620: Functional Anatomy II Course Coordinator 30-36 students \* (2010-2013)

# B. Faculty Advisor: Group Research Projects - Doctor of Physical Therapy Students:

- **2021-Present** S. Tapia, A. Rowe, J. Kincaid, S. Blithe. The Effects of Dry Needling on Myofascial Trigger Points in Upper Trapezius and Cervicogenic Headache Symptoms
- **2020-Present** E. Scranton, B, Earnest, E. Killian, N. Aitel, Allison, W, C. Brimeyer. The Effects of Dry Needling on Myofascial Trigger Points in Upper Trapezius and Cervicogenic Headache Symptoms
- **2020- Present** E. Scranton, B, Earnest, E. Killian, N. Aitel, Allison, W, C. Brimeyer. Prevalence of Cervicogenic Headaches in Health Professions
- **2019- Present** JI, Smith, A. Maeder, K. Hamil, G. Tran, R. Rahman. Effectiveness of Chinese Cupping and Static Stretching to Increase Hamstring Flexibility
- **2017-2019.** D. Walker, S. Gutierrez, S. Pike, L. The Effect of Mindfulness-Based Stress Reduction on Physical Therapy Students in a DPT Program: A Pilot Study.
- **2015-2016**. K. McCrary, N. Sambas, B. Chong, R. Frank, M. Hodgens. Knee Extensor Activation After Lumbo-pelvic Manipulation and Exercise.
- **2014-2015** M. Theobald, T. McLeod, B. Buchanan. Knee Extensor Activation after Lumbo-Pelvic Manipulation and Exercise
- **2013-2014** S. Arnold, K. Tetley, K. Voight. Systematic Review and Meta-Analysis on the Effectiveness of Manipulation in Reducing Pain and Frequency of Headaches in Patients with Cervicogenic Headaches.
- **2013-2014** A. Farquharson, R. Tsai. Effects of Balance and Proprioception Training on Improving Functional Stability and Decreasing Recurrence of Ankle Sprains in Individuals with Chronic Ankle Instability: A Systematic Review and Meta-Analysis.
- **2013-2014** R. Morton, J. Mogill. Comparison of Magnetic Stimulation to Electrical Stimulation in Activating the Knee Extensors.
- 2012-2013 P. Hanson, M. Kilgore, J. Stagnaro. Is contract-relax or hold-relax PNF stretching more effective than static stretching at increasing ROM in the lower extremity? A Systematic Review and Meta-Analysis.
- **2011-2012** -B. Espy, K. Capps, C. Heirs. A Comparison of Outcomes Between Unilateral and Bilateral Arthroplasty of the Lower Extremity: A Systematic Review and Meta-Analysis.
- **2011-2012** M. Arambula, J. Bruder. Long Term Effect of Stretching on ROM Gains Following Interventions to Increase Hamstring Muscle Length: A Meta-Analysis.

# V. Scholarship and Professional Development:

## **Peer Reviewed Journal Publications:**

Daley, D, Payne, L, Galper, J, Cheung, A, Deal, L, Despres, M, **Garcia, JD**, Kistner, F, Mackenzie, N, Perry, T, Richards, C, and Escorpizo, R. (2021). Clinical Practice Guidelines: Optimizing Work Performance: The Role of the Physical Therapist. *Journal of Orthopedics and Sports Physical Therapy*. <a href="mailto:Impact factor 3.839">Impact factor 3.839</a>.

Dunning, J., Butts, R., Young, I., Walsh, S., Goult, C., Gillett, B., Arias-Buria, J., **Garcia**, **JD**, Fernandez-de-las-Penas, C (2021). Cervicothoracic Spinal Manipulation and Electrical Dry Needling in Patients with Subacromial Pain Syndrome: A Multicenter Randomized Clinical Trial. *Journal of Orthopedics and Sports Physical Therapy*. <u>Impact factor 3.839</u>.

Toma, M., Lu, Y., Zhou, H., **Garcia, JD**. (2020). Thresholding Segmentation Errors and Uncertainty with Patient-Specific Geometries. *Journal of Biomedical Physics and Engineering*. Vol 11, Issue 1, pp 115-122.

Walker, D., **Garcia**, **JD** (2019). The Effects of Mindfulness Meditation in Managing Chronic Pain: A Mini-Review. (2nd ed., vol. 7, pp. 5). *Journal of Yoga and Physiotherapy*.

Frank, R., Tsai, L.-C., Chong, B., Hodgens, M., **Garcia, JD**, Morelli, K. M. (2019). The effect of lumbopelvic joint manipulation and traditional quadriceps strengthening on improving knee extensor muscle activation and torque production: a randomized controlled trial. *J Exerc Sports Orthop.* Vol 6 (2): 1-6. Impact factor 0.2801.

Frank, RA, Walker, D, Morelli K, Huggins, C, **Garcia, JD**. (2018). Are Vertebral Mobilization and Manipulation More Effective than Other Manual Therapy Techniques in Managing Tension-Type Headaches?. *EC Neurology* 10.3:220-228.

**Garcia, JD.,** & Frank, R.A. (2017). Interdisciplinary Service Learning Opportunity: A Nontraditional Approach to Migrant Farmworkers Rehabilitation. *Journal of Community Engagement and Higher Education*, 9 (1), 73-82.

**Garcia, JD** (2016). Narrative. Lessons Outside the Classroom: The Moultrie Migrant Farmworker Experience a Personal Narrative. *J Hum Rehabil*. 2016.

**Garcia JD** and Frank RA (2016). Nontraditional Approach for Inter-professional Service Learning in a Doctor of Physical Therapy Program: The Farm Worker Family Health Program. *Front. Commun.* **1**:12. doi: 10.3389/fcomm.2016.00012.

**Garcia JD**, Arnold S, Tetley K, Voight K, and Frank R (2016) Mobilization and Manipulation of the Cervical Spine in Reducing Pain in Patients with Cervicogenic Headaches: Any Scientific Evidence?. *Front. Neurol.* Vol 7 (40). DOI: 10.3389/fneur.2016.00040. <a href="Impact factor 3.184">Impact factor 3.184</a>.

Morelli KM, **Garcia JD**, Brown L, Farthing AK, Miller JL, Gordon W (2016) Clinical Measures Predicting Knee Extensor Muscle Activation During a Maximal Voluntary Isometric Contraction. *J Exerc Sports Orthop*. Vol 3 (1): 1-10. Impact factor 0.2801.

#### **Peer-Reviewed Scientific Presentations:**

- E. Scranton, B, Earnest, E. Killian, N. Aitel, Allison, W, C. Brimeyer, B. Farrell, **J. Garcia.** Prevalence and Risk Factors for Cervicogenic Headaches in Health Professions Students. *Proceedings of the combined-sections meeting of the American Physical Therapy Association. San Antonio, TX, 2022.*
- E. Scranton, B, Earnest, E. Killian, N. Aitel, Allison, W, C. Brimeyer, B. Farrell, **J. Garcia.** Effect of Upper Trapezius Dry-Needling on Myofascial Trigger Points and Cervicogenic Headache Symptoms. *Proceedings of the combined-sections meeting of the American Physical Therapy Association. San Antonio, TX, 2022.*
- E. Scranton, B, Earnest, E. Killian, N. Aitel, Allison, W, C. Brimeyer, B. Farrell, **J. Garcia.** Prevalence and Risk Factors for Cervicogenic Headaches in Health Professions Students. *Proceedings of annual meeting of the Physical Therapy Association of Georgia.* Atlanta, GA, 2021
- E. Scranton, B, Earnest, E. Killian, N. Aitel, Allison, W, C. Brimeyer, B. Farrell, **J. Garcia.** Effect of Upper Trapezius Dry-Needling on Myofascial Trigger Points and Cervicogenic Headache Symptoms. *Proceedings of annual meeting of the Physical Therapy Association of Georgia.* Atlanta, GA, 2021
- J. Dunning, R. Butts, I. Young, S. Walsh, C. Gould, B. Gillet, J. Arias-Buris, **J. Garcia**, C. Fernandez-de-las-Penas. Cervicothoracic Spinal Manipulation and Electrical Dry Needling in Patients with Subacromial Pain Syndrome: A Multicenter Randomized Clinical Trial. *Proceedings of annual meeting of the American Academy of Orthopedic and Manual Physical Therapists 5X5 platform presentation*. Orlando, FL, 2019.
- D. Walker, S. Gutierrez, S. Pike, L. Vassallo, B. Farrell, **J. Garcia**. The Effect of Mindfulness-Based Stress Reduction on Physical Therapy Students in a DPT Program: A Pilot Study. *Proceedings of the combined-sections meeting of the American Physical Therapy Association. Washington, DC, 2019.*
- K. McCrary, N. Sambas, B. Chong, R. Frank, M. Hodgens, K. Morelli, **J. Garcia**. Knee Extensor Activation After Lumbo-pelvic Manipulation and Exercise. *Proceedings of annual meeting of the American Academy of Orthopedic and Manual Physical Therapists 5X5 platform presentation*. St. Louis, MO, 2016.
- K. McCrary, N. Sambas, B. Chong, R. Frank, M. Hodgens, J. Garcia, K. Morelli. Knee Extensor Strength and Activation after Lumbo-Pelvic Manipulation and Exercise. *Proceedings of annual meeting of the Physical Therapy Association of Georgia*. Atlanta, GA, 2015.

- M. Theobald, T. McLeod, B. Buchanan, G. Warren, **J. Garcia**, K. Morelli. Knee Extensor Activation after Lumbo-Pelvic Manipulation and Exercise. *Proceedings of annual meeting of the Physical Therapy Association of Georgia*. Atlanta, GA, 2015.
- A. Farquharson, R. Tsai, **J. Garcia**, G. Warren. Effects of Balance and Proprioception Training on Improving Functional Stability and Decreasing Recurrence of Ankle Sprains in Individuals with Chronic Ankle Instability: A Systematic Review and Meta-Analysis. *Proceedings of annual meeting of the American College of Sports Medicine*. Orlando, Florida, 2014.
- **J. Garcia**, G. Warren, S. Arnold, K. Tetley, K. Voight. Systematic Review and Meta-Analysis on the Effectiveness of Manipulation in Reducing Pain and Frequency of Headaches in Patients with Cervicogenic Headaches. *Proceedings of annual meeting of the American Academy of Orthopedic and Manual Physical Therapists 5X5 platform presentation*. San Antonio, TX, 2014.
- R. Morton, J. Mogill, K. Morelli, **J. Garcia**, G. Warren. Comparison of Magnetic Stimulation to Electrical Stimulation in Activating the Knee Extensors. *Proceedings of annual meeting of the Physical Therapy Association of Georgia*. Atlanta, GA, 2013.
- **J. Garcia**, G. Warren, S. Arnold, K. Tetley, K. Voight. Systematic Review and Meta-Analysis on the Effectiveness of Manipulation in Reducing Pain and Frequency of Headaches in Patients with Cervicogenic Headaches. *Proceedings of annual meeting of the Physical Therapy Association of Georgia*. Atlanta, GA, 2013.
- P. Hanson, M. Kilgore, J. Stagnaro, **J. Garcia**. Is Contract-Relax or Hold-Relax PNF Stretching More Effective Than Static Stretching at Increasing ROM in the Lower Extremity?: A Systematic Review and Meta-Analysis. *Proceedings of annual meeting of the South Carolina Chapter of the American Physical Therapy Association*. Greenville, SC, 2013.
- J. Holbrook, K. Williams, B. Mann, L. Brown, J. Miller, L. Despres, A. Farthing, A. Garrido, G. Warren, J. Garcia, K. Morelli, J. Donnelly. Clinical Predictors of Muscle Activation of the Knee Extensors during MVIC. *Proceedings of the combined-sections meeting of the American Physical Therapy Association. San Diego, CA, 2013.*
- M. Arambula, J. Bruder, **J. Garcia**. Long Term Effect of Stretching on ROM Gains Following Interventions to Increase Hamstring Muscle Length: A Meta-Analysis. *Proceedings of annual meeting of the South Carolina Chapter of the American Physical Therapy Association*. Greenville, SC, 2012.
- B. Espy, K. Capps, C. Heirs, J. Garcia, G. Warren. A Comparison of Outcomes Between Unilateral and Bilateral Arthroplasty of the Lower Extremity: A Systematic Review and Meta-Analysis. *Proceedings of annual meeting of the South Carolina Chapter of the American Physical Therapy Association*. Greenville, SC, 2012.

J. Holbrook, K. Williams, B. Mann, L. Brown, J. Miller, L. Despres, A. Farthing, A. Garrido, G. Warren, **J. Garcia**, K. Morelli, J. Donnelly. Clinical Predictors of Muscle Activation of the Knee Extensors during MVIC. *Proceedings of annual meeting of the South Carolina Chapter of the American Physical Therapy Association*. Greenville, SC, 2012.

#### **Invited Professional Presentations:**

J. Dunning, R. Butts, I. Young, S. Walsh, C. Gould, B. Gillet, J. Arias-Buris, **J. Garcia**, C. Fernandez-de-las-Penas. Cervicothoracic Spinal Manipulation and Electrical Dry Needling in Patients with Subacromial Pain Syndrome: A Multicenter Randomized Clinical Trial. *Proceedings of annual meeting of the American Academy of Orthopedic and Manual Physical Therapists 5X5 platform presentation*. Orlando, FL, 2019. (Refereed)

Fall Conference – Physical Therapy Association of Georgia Invited Panelist – "Things I Wish I'd known as a Student: Practical Advice to Current Students" – October 2014. (Refereed)

Systematic Review and Meta-Analysis on the Effectiveness of Manipulation in Reducing Pain and Frequency of Headaches in Patients with Cervicogenic Headaches. *Proceedings of annual meeting of the American Academy of Orthopedic Manual Physical Therapists.* Research Presentations (5x5 Breakout Sessions). San Antonio, Texas, 2014. (Refereed)

### **Funded Grant Activity:**

The Excellence in Teaching Award Lewis College of Nursing and Health Professions

Proposal: The Role of Pain Neuroscience Education in the DPT Curricula

Amount: \$5329.95

Date of Award: April 7, 2021

Researchers: Ben Chong, SPT; Rachael Frank, SPT; Matthew Hodgens, SPT; Kevin McCrary, SPT; Noemi Sambas, SPT; **Jodan Garcia, PT, DPT, OCS**; Kimberly Morelli, PT, DPT, MTC; Liang-Ching

Tsai, PhD

Title: The Effect of Lumbopelvic Joint Manipulation and Traditional Quadriceps Strengthening

on Knee Extensor Muscle Activation

Amount: \$150.00

Physical Therapy Association of Georgia - Research Committee

Date of Award: September 26, 2016

#### **Grants Submitted but not Funded:**

Co-PI - Health Careers Opportunity Program - U.S. Department of Health and Human Services - Bureau of Health Workforce in the Health Resources and Services Administration (HRSA). May 2015, \$1.95M over 3 years – score of 96/100

J. Garcia. Lewis School 2017 Tech Fee Proposal "Biodex System 4 Dynamometer Technology"

# **Editorial or Reviewer Project:**

Frontiers in Communication – Review Editor on the Editorial Board of Health Communication January 2020 - present

## VI. Service:

## Administrative service:

 Assistant Chair Department of Physical Therapy – April 2014 – March 2016

## **University (Georgia State University):**

- Institutional Community Engagement- BFLSNHP Representative-September 2016- present
- Dean Search Committee, Member- December 2015
- The Farm Worker Family Health Project- Moultrie, GA, Faculty-in-charge-June 2010- present

# **College (Byrdine F. Lewis College of Nursing and Health Professions):**

- Graduate Faculty Committee, Member April 2020-present
- By-Laws Committee, Member August 2019-present
- Structured-review Committee March 2019
- Structured-review Committee March 2018
- PT Chair Search Committee, Member August 2017
- Search Committee, Member for the Occupational Therapy Academic Field
   Work Coordinator September 2016

- OT Chair Search Committee, Member August 2015
- Dean Search Committee, Member January 2015
- Faculty Advisory Committee, Member August 2012 March 2014
- Bachelor of Interdisciplinary Studies Curriculum Committee, Member-February 2012

# **Department (Physical Therapy):**

- Unit Level NTT Review Committee Chair August 2020
- Faculty Search Committee, Member 2020
- Unit Level NTT Review Committee Member August 2019
- Unit Level NTT Review Committee Member August 2018
- Faculty Search Committee, Member 2015
- Graduation Committee, Chair August 2013- August 2018
- CAPTE Self-Study Report Re-accreditation, Member 2012
- Search Committee, Chair; 2011 2012
- Admissions Committee, Chair May 2010 August 2017
- Faculty Clinic Committee, Secretary May 2010 present
- Faculty Search Committee, Member; 2010

#### **Community Service:**

Faculty-in-charge - The Farm Worker Family Health Project- Moultrie, GA

One-week immersion experience where faculty and students relocate to a rural community in South GA to provide pro-bono preventative and episodic health services for migrant and seasonal farm workers and their families

June 2010, June 2011, June 2012, June 2013, June 2014, June 2015, June 2016, June 2017, June 2018, June 2019, June 2021

**Volunteer Physical Therapist** 

Volunteer specialist provided pro-bono physical therapy treatments to the uninsured patients

Good Samaritan Health Center- Atlanta, GA August 2010- March 2012

# **Service to Professional Discipline:**

- Federation of State Boards of Physical Therapy- National Physical Therapy Examination – Appointed as a member of TOEFL Standards Setting Committee- March 2016 – March 2017 - Alexandria, VA
- National Board of Medical Examiners for the American Board of Physical Therapy Specialties (ABPTS) Specialist Certification Examination for Orthopedics- Appointed as an Advanced Item Writer - February 2016-February 2018
- Good Samaritan Health Center- Atlanta, GA- Volunteer Physical Therapist
   -August 2010- March 2012
- Federation of State Boards of Physical Therapy- National Physical Therapy Examination- Appointed as an Item Writer -July 2012- December 2012, Alexandria, VA
- Physical Therapy Association of Georgia- Nominating Committee
   Member- October 2016- October 2018
- Guide to Physical Therapist Practice 3.0. Alexandria, VA: American Physical Therapy Association; 2014. Available at: http://guidetoptpractice.apta.org/. Revision (3<sup>rd</sup> edition) – Reviewer
- Orthopedic Section American Physical Therapy Association Candidate for Nominating Committee Member – October 2016.

# **Publications in Physical Therapy National Magazine:**

- Featured Interview Article on Volunteer Work With the Migrant Workers –
   American Physical Therapy Association PT in Motion: "Outstanding in Their
   Field: Physical Therapists who Treats Farmers and Ranchers Offer Advice
   about Working with those Patients"
- Featured interview article on *Today in PT* Magazine

## **VII. Professional Organization:**

American Physical Therapy Association January 2000-present

Physical Therapy Association of Georgia January 2010-present

American Academy of Orthopedic Manual Physical Therapists January 2010-present

Philippine Association of Orthopedic Manual Physical Therapists Board member - January 2016-present

# VIII. Honors and Awards:

Georgia State University

Recipient of the Carl V. Patton President's Award for Community Service and Social Action: Outstanding University Faculty for the Farm Worker Family Health Project - Moultrie, GA

This award recognizes a Georgia State University faculty or staff member who has dedicated his or her time in addressing a need in the Atlanta community

April 2019

• Georgia State University

Recipient of the Carl V. Patton President's Award for Community Service and Social Action: Outstanding University Program – Division of Physical Therapy - The Farm Worker Family Health Project - Moultrie, GA

This award acknowledges the efforts of campus programs that are created to serve Atlanta's needs

April 2012

Outstanding Alumni Award

Fatima Medical Science Foundation, Inc.

This award honors individuals who are making outstanding contributions in their chosen fields of endeavor at national or international levels December 2012

# IX. Continuing Education Courses:

March 2020, Mastering Online Teaching Course, Georgia State University
October 2019, American Academy of Orthopedic Manual Physical Therapists Annual
Conference

**February 2019,** Combined Sections Meeting of the American Physical Therapy Association (CSM 2019)

**October 2018,** American Academy of Orthopedic Manual Physical Therapists Annual Conference

**January 2018,** Combined Sections Meeting of the American Physical Therapy Association (CSM 2018)

**October 2017,** American Academy of Orthopedic Manual Physical Therapists Annual Conference

**January 2017,** Combined Sections Meeting of the American Physical Therapy Association (CSM 2017)

**October 2016,** American Academy of Orthopedic Manual Physical Therapists Annual Conference

May 2016, Orthopedic Sections Annual Meeting of the American Physical Therapy Association January 2016, Combined Sections Meeting of the American Physical Therapy Association (CSM 2015)

**October 2015,** American Academy of Orthopedic Manual Physical Therapists Annual Conference

**January 2015,** Combined Sections Meeting of the American Physical Therapy Association (CSM 2015)

**October 2014,** American Academy of Orthopedic Manual Physical Therapists Annual Conference

March 2014, Current Concepts in Evaluation and Treatment in the Shoulder Joint January 2014, Combined Sections Meeting of the American Physical Therapy Association (CSM 2014)

**December 2013,** Certification in Spinal Manipulative Therapy (Cert SMT): Comprehensive Review & Comprehensive Oral, Practical & Written Examination. Spinal Manipulation Institute **May 2013,** Master Teacher Program – Georgia State University

**April 2013,** SMT-3: Lumbar and Sacroiliac Dysfunction: Diagnosis & Management with HVLA Thrust Manipulation & Exercise. Spinal Manipulation Institute

**April 2013:** Applications to Biomechanics of the Foot and the Ankle. Spinal Manipulation Institute

**February 2013**, SMT-2: Cervicogenic Dysfunction & Cervicogenic Headaches: Diagnosis & Management with HVLA Thrust Manipulation & Exercise. Spinal Manipulation Institute **January 2013**, Combined Sections Meeting of the American Physical Therapy Association (CSM 2013)

**January 2013,** SMT1: High-Velocity Low-Amplitude Thrust Manipulation of the Cervical, Thoracic, Lumbar and SI Joints. Spinal Manipulation Institute

**November 2012,** DN-2: Dry Needling for Lumbopelvic and Lower Extremity Conditions: an Evidence-Based Approach (Part 2 of the Certification in Dry Needling)

August 2012, The Janda Approach to Musculoskeletal Pain Syndromes. Motion Stability August 2012, DN-1: Dry Needling for Craniofacial, Cervicothoracic & Upper Extremity Conditions: an Evidence-Based Approach (Part 1 of the Certification in Dry Needling) July 2012, Item Writing and Test Development Workshop for the National Physical Therapist Examination (NPTE)

October 2011, Educational Leadership Conference, APTA

March 2011, Current Concepts of Orthopedic Physical Therapy, APTA

**February 2011**, Combined Sections Meeting of the American Physical Therapy Association (CSM 2011)

**October 2010,** American Academy of Orthopedic Manual Physical Therapists Annual Conference

June 2008, Maitland Australian Physiotherapy Seminar: MT3 Intermediate Spinal

March 2008, Successful Rehabilitation of the Lower Extremity Amputee

January 2008, International Spine and Pain Institute: Shoulder Impingement and Instability

**September 2007**, American Physical Therapy Association: Examination and Selected Interventions of the Lumbar Spine and Pelvis

**April 2007**, Mulligan Concept: An Introductory Course in Mobilizations with Movement, 'NAGS', 'SNAGS' and More (A Lab Course)

August 2006, Institute of Physical Art: Proprioceptive Neuromuscular Facilitation I

June 2006, A Clinically-Relevant Approach to Vestibular Dysfunction

February 2006, Institute of Physical Art: Functional Orthopedics

**September 2005**, Common Disorders of the Cervical Spine and Upper Limb: An Evidence-Based Approach

October 2004, Cervicogenic Dizziness

October 2004, Body Weight Supported Gait Training

**October 2004**, Manual Therapy Integration of Neural, Muscular, and Articular Components in Cervical Spine

**April 2004**, Maitland Australian Physiotherapy Seminar – MT2 Basic Spinal

February 2004, Maitland Australian Physiotherapy Seminar - MT1 Basic Peripheral

**January 2004**, McKenzie Part B, Cervical and Thoracic Spine: Mechanical Diagnosis and Therapy

July 2003, McKenzie Part A, Lumbar Spine: Mechanical Diagnosis and Therapy