

STEPHANIE HART-HUGHES, PT, MSMS, NCS

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EDUCATION:

Master of Science in Medical Science (MSMS) 2007 – 2009

Concentration in Clinical and Translational Research

University of South Florida, Tampa, Florida

B.Sc. Physical Therapy (with Great Distinction) 1990 – 1993

McGill University, Montreal, Quebec

HIGHLIGHTS:

- Founding member James A. Haley Veteran's Hospital Interdisciplinary Falls Clinic. 2001-2016.
- Core team member Injurious Falls Translational Team. VISN 8 Patient Safety Center. 2010-2016.
- Current Florida Physical Therapy Association Fall Prevention Task Force team member.
- Current invited member: Association of Safe Patient Handling Professionals (ASPHP) National Curriculum Workgroup.
- Author, "Introduction to Falls and Fall-Related Injuries". Florida Physical Therapy Association Fall Toolkit. October 2016.
- Co-author, 2014 Excellence in Research Writing Award- Best Paper, Association of Academic Physiatrists.
- APTA Neurological Clinical Specialist (NCS). Originally awarded 2003, recertified 2013. Specializing in treatment of patients with multiple neurological diagnoses to include Parkinson's Disease, MS, TBI, ALS, dementia, gait and balance disorders.
- Physical Therapy Subject Matter Expert Veteran's Health Administration: Falls, Balance, Gait Disorders and Functional Outcome Measures.
- Nova South Eastern Physical Therapy Clinical Laboratory Instructor of the Year. 2019.
- Director Gait and Balance Laboratory. James A. Haley Veteran's Hospital. 2001-2016.
- Co-author, "Balance Assessment Handbook for Rehabilitation Therapists". Workbook with corresponding video, VA National Center for Patient Safety Fall Toolkit. Disseminated VA wide.
- Co-author, "An Evidence-Based Guide to Quantifying Fall Risk in Persons with Lower Extremity Amputation(s)". Educational tool disseminated VA wide.
- Author, "Functional Balance Class Training Manual". VA National Center for Patient Safety. Disseminated VA wide.
- Author of over twenty peer-reviewed publications and poster presentations.
- Created and delivered over forty professional presentations to regional and national audiences.
- Co-investigator on over fifteen funded research projects in the areas of falls, mobility, gait and balance.

WORK EXPERIENCE:

- Hart Fall Mitigation Solutions** **March 2016 to Present**
President and CEO Tampa, Florida
- University of South Florida** **August 2018 to Present**
Associated Adjunct Faculty
School of Physical Therapy & Rehabilitation Sciences
Co-Director: Clinical Reasoning for Physical Therapists
Clinical Laboratory Instructor: Neuromuscular Clinical Problem Solving, Foundations 1,
Seminar 1
- Palm Gardens of Tampa** **November 2017 to Present**
Physical Therapist, Tampa, Florida
Practice area: Skilled Nursing Facility
- Nova Southeastern University-Tampa Campus** **August 2016 to August 2019**
Adjunct Clinical Laboratory Instructor HE-DPT Program
- Select Rehabilitation/Formerly Accomplish Therapy** **March 2016 to August 2018**
Physical Therapist, Tampa, Florida
Practice area: Skilled Nursing Facility
- James A. Haley Veteran's Hospital** **Jan 2001 to March 2016**
Physical Therapist: Interdisciplinary Falls Clinic
Director Gait and Balance Laboratory
Job duties: Patient care, clinic administration, supervisory responsibilities, program development, funded research activities, manuscript preparation, clinical toolkit development. Fall prevention subject matter expert VA nationwide.
- Henry M. Jackson Foundation** **Feb 1998 to Dec 2000**
Senior Physical Therapist based at James A. Haley Veterans Hospital, Tampa, Florida
Practice area: Inpatient/outpatient Brain Injury
- Advanced Medical** **Sept 1997 to Dec 1997**
Physical Therapist based at Tampa General Hospital, Tampa, Florida
Practice area: Outpatient rehabilitation
- Columbia Largo Medical Center** **Aug 1996 to Aug 1997**
Senior Physical Therapist, Largo, Florida
Practice area: Outpatient orthopedics
- Sir Mortimer Davis Jewish General Hospital** **Nov 1993 to July 1996**
Physical Therapist, Montreal, Quebec
Practice area: Rotated throughout hospital. Outpatient orthopedics, inpatient orthopedics, med/surg, inpatient cardiology, ICU, acute neurology. Completed 1-year specialty rotation in acute geriatric rehabilitation unit as team leader.

HONORS AND CERTIFICATIONS:

Neurological Clinical Specialist (NCS)-American Board of Physical Therapy Specialties. Initially awarded 2003, recertified 2013.

Current invited member: ASPHP National Curriculum Workgroup

Nova South Eastern Physical Therapy Program Clinical Laboratory Instructor of the Year. 2019.

Outstanding Staff Award Recipient Tampa VA Center of Excellence. 2012.

Exceptional Annual Employee Performance Rating Tampa VA Center of Excellence. 2000-2014 inclusively.

University of Miami Vestibular & Balance Certificate of Competency. 2000.

Florida PT License # PT 14804

PROFESSIONAL ACTIVITIES AND CLINICAL PRODUCTS:

- Current Florida Physical Therapy Association Fall Prevention Task Force team member.
- Member: Association of Safe Patient Handling Professionals (ASPHP)
- Current advisory council member-Stroke Recovery Foundation.
- Author, "Introduction to Falls and Fall-Related Injuries". Florida Physical Therapy Association Fall Toolkit. October 2016.
- Manuscript reviewer: Journal of Post-Acute and Long-Term Care Medicine (JAMDA), Rehabilitation Nursing Journal and Journal of Rehabilitation Research & Development.
- SPIRE research proposal reviewer: Office of Research and Development. Department of Veterans Affairs.
- VA central office physical therapy representative to assist VA nursing central office in creation of a Fall Prevention and Management computer application. 2014-2015.
- Invited participant to update National Center for Patient Safety Fall Toolkit. 2014.
- Co-author, "Balance Assessment Handbook for Rehabilitation Therapists". Workbook with corresponding video, VA National Center for Patient Safety Fall Toolkit. Disseminated VA wide. 2004. Revised 2014.
- Co-author, "An Evidence-Based Guide to Quantifying Fall Risk in Persons with Lower Extremity Amputation(s)". Educational tool disseminated VA wide. 2010.
- Author, "Functional Balance Class Training Manual". VA National Center for Patient Safety. Disseminated VA wide.

- Invited participant on taskforce for the development of outcome measure to assist with return to duty following mild TBI. National Center for the Intrepid. 2011.
- Invited participant on taskforce for the development of a Rehabilitation Amputee Toolkit to be utilized across the DOD and VA system.
- Invited participant on the National Taskforce for the Development of Alzheimer's Association Dementia Care Practice Recommendations.
- Member of Tampa VA Hospital Team commissioned to develop an in-patient Falls Prevention Algorithm for the National Center for Patient Safety.
- Multiple experiences as a clinical educator with students at all levels of their physical therapy education.
- “Falls Prevention Technologies-A Resource Guide”. National Center for Patient Safety. 2002.

Professional Presentations

- “Mind-Mapping and Concept-Mapping Tools: Fostering Critical Thinking & Clinical Reasoning Skills in DPT Students. Critical & Creative Thinking Conference. Invited presenter. September 2020.
- “Integration of Safe Patient Handling, Fall Prevention and Early Mobility Principles to Maximize Your Rehabilitation Goals”. 2019 Safe Patient Handling and Mobility Conference. Invited presenter. March 2019.
- “Introduction to Falls and Fall-Related Injuries for Therapists”. University of St. Augustine for Health Sciences, Miami. Invited guest Lecturer. October 2018.
- “Integrating Safe Patient Handling into Your Rehabilitation Goals”. 1st International Safe Patient Handling & Mobility Conference and Expo. Invited presenter. September 2018.
- “Fall Prevention: What You Need to Know”. Retired United School Employees of Pasco. December 2017. Representing Florida Physical Therapy Association Fall Taskforce.
- “Fall Prevention: What You Need to Know”. Florida Alliance for Retired Americans. September 2017. Representing Florida Physical Therapy Association Fall Taskforce.
- “A Practical Approach to Fall Prevention: The Role of Vision”. 2015 Safe Patient Handling and Mobility Conference. April 2015.
- “Functional Gait and Balance Assessment for Nurses and Nursing Assistants”. 2015 Safe Patient Handling and Mobility Conference. April 2015.
- “A Practical Approach to Fall Prevention: The Role of Vision”. Invited presenter VA Blind Rehabilitation Service National Conference Call. January 2014.
- “Functional Gait and Balance Assessment for Nurses and Nursing Assistants”. 12th Annual Evidence-Based Falls Conference. May 2012.
- “Gait and Balance Technological Innovations: Finding the Right Fit for you Patient”. 12th Annual Evidence-Based Falls Conference. May 2012.
- “Clinical Outcome measures for the Evaluation of Advanced Gait and Balance Tasks”. 12th Annual Evidence-Based Falls Conference. May 2012.
- “Clinical Outcome Measures for Fall Risk Assessment”. JAHVA rehabilitation resident program invited presenter. May 2012.
- “Interdisciplinary Falls Prevention: A Rehabilitation Perspective”. Invited presenter VA National PM&RS Conference Call. October 3, 2011.

- “The Role of Physical Therapy in an Interdisciplinary Fall Clinic”. Invited presenter VA National Physical Therapy Monthly Conference Call. April 14, 2011.
- “Integration of Gait and Balance Technologies into Clinical Practice”. APTA Combined Sections Meeting. Federal Section. New Orleans, Louisiana. February 2011.
- “An Evidence-Based Guide to Quantifying Fall Risk in Persons Following Lower Extremity Amputation.” Southeastern Regional Amputation Center Training. Tampa, Florida. September 2010.
- “Outcome Measures for Assessment of Gait and Balance”. VA Amputees Skills Seminar. Tampa, Florida. June 2010.
- “Integration of Rehabilitative Technologies into Clinical Practice”. VA Amputees Skills Seminar. Tampa, Florida. June 2010.
- “Gait and Balance 101”. 11th Annual Evidence-Based Falls Conference. May 2010
- “Assistive Device Use to Address Fall Risk”. 11th Annual Evidence-Based Falls Conference. May 2010.
- “Interdisciplinary Case Studies for the Management of Falls in Community-Based Settings”. 11th Annual Evidence-Based Falls Conference. May 2010.
- “Gait and Balance 101”. 10th Annual Evidence-Based Falls Conference. May 2009
- “Treatment of Balance and Gait Dysfunctions: Beyond the Basics”. 10th Annual Evidence-Based Falls Conference. May 2009.
- “Assistive Device Use to Address Fall Risk”. 10th Annual Evidence-Based Falls Conference. May 2009.
- “Gait and Balance 101”. 9th Annual Evidence-Based Falls Conference. April 2008.
- “Interdisciplinary Case Studies for the Management of Falls in Community-Based Settings”. 9th Annual Evidence-Based Falls Conference. April 2008.
- “Individualized Care Planning for Falls”. 9th Annual Evidence-Based Falls Conference. April 2008.
- “Treatment of Balance and Gait Dysfunctions: Beyond the Basics”. 9th Annual Evidence-Based Falls Conference. April 2008.
- “GaitMat 101: The Basics”. VHA Prosthetic and Sensory Aid Services, Rehabilitation Services Conference and Exposition 2007. December 2008.
- “Fall Risk Assessment: The Use of Functional Balance Measures”. 8th Annual Evidence-Based Falls Conference. April 2007
- “Interdisciplinary Management: Case Studies”. 8th Annual Evidence-Based Falls Conference. April 2007
- “Outcome Measures for the Evaluation of Gait and Balance”. Geriatric Medicine Update: Falls and Gait Disorders in the Elderly. Little Rock, Arkansas, March, 2007.
- “Rehabilitation Technologies”. USF “Environmental Interventions and Human Aging.” Seminar. Tampa, Florida, February 2007.
- “An Interdisciplinary Approach to Fall Prevention”. USF Geriatric Education Center Conference. Tampa, Florida, June 2005.
- “Non-Pharmacological Fall Prevention Approaches” for Genesis Healthcare. Orlando, Florida, January 2005.
- “Fall Prevention in Stroke Survivors”. National Aphasia Association Conference. Tampa, Florida, June 2004.
- Invited presenter on “Establishing a Falls Prevention Clinic”. 5th Annual Evidence-Based Falls Conference. March 2004
- “Mobility Related Functional Outcome Measures”. 5th Annual Evidence-Based Falls Conference. March 2004

- “A Non-Pharmacological Approach to Falls Prevention”. American Medical Directors Association symposium. March 2004.
- “Fall Prevention Strategies”. Hillsborough County Senior Companion Program Volunteers. Feb 2004.
- “Technological Advancement in Balance Assessment”. USF Biomedical Engineering students. Feb 2004.
- “Balance Assessment and Falls”. James A. Haley Veteran’s Hospital PM&RS medical residents and staff physicians. Jan 2004.
- “Balance and Falls”. Geriatric Section’s “Meet the Experts” session during the APTA Combined Sections Meeting. February 2003.
- “Tampa VA Fall Prevention Network”. California Fall Prevention Initiative meeting. February 2003
- “The Multifactorial Nature of Falls”. 33rd Annual Meeting ASCP Meeting and Exhibition. Anaheim, California, November 2002.
- “Assessments and Exercise Interventions for Therapists”. 3rd Annual Evidence-Based Falls Conference; Clearwater Beach, Florida, March 2002.
- Guest lecturer at USF School of Physical Therapy. Topic: Physical Therapy Clinical Balance Assessment-A Functional Approach.”

PEER-REVIEWED PUBLICATIONS AND POSTER PRESENTATIONS:

Publications:

- “Characteristics of and Barriers to Functional Status Assessment in Assisted Living”. Bowen M, Rowe E, **Hart-Hughes S**, Barnett S. Research in Gerontological Nursing. 2015.
- “Exercise Interventions, gait and balance in older subjects with distal symmetric polyneuropathy: A 3-group randomized clinical trial.” Quigley P, Bulat T, Friedman Y, **Hart-Hughes S**, Schulz B, Barnett S, Richardson S. America Journal of Physical Medicine and Rehabilitation. 2014. 93(1), p 1-16. doi: 10.1097/PHM.0000000000000052 CME Article . 2014 Series. Number 1.
- “Effects of Step Length, Age, and Fall History on Hip and Knee Kinetics and Knee Co-contraction During the Maximum Step Length Test”. Schulz B, Manutchanok Jongprasithporn, **Hart-Hughes S**, Bulat T. Clinical Biomechanics. 2013 Oct;28(8):933-40. doi: 10.1016/j.clinbiomech.2013.08.002. Epub 2013 Aug 8.
- “Patient safety in the rehabilitation of the adult with an amputation.” Latlief G, Elnitsky C, **Hart-Hughes S**, Phillips S, Adams-Koss L, Kent R, Highsmith MJ. Phys Med Rehabil Clin N Am. 2012 May;23(2):377-92.
- “A Review of Clinical Outcome Assessment Instruments for Gait, Balance and Fall Risk in Persons with Lower Extremity Amputation”. **Hart-Hughes S**, Latlief G, Phillips S, Groer S, Highsmith M. Topics in Geriatric Rehabilitation. Published ahead of print. POST AUTHOR CORRECTIONS, 1 April 2011. doi: 10.1097/TGR.0b013e318215cbb3.
- “Differences in the Spatiotemporal Parameters of Transtibial and Transfemoral Amputee Gait”. Highsmith MJ, Schulz BW, **Hart-Hughes S**, Latlief GA, Phillips SL.. J Prosthet Orthot. 2010;22(1):26-30.

- “Effect of Group-Based Exercise Program on Balance in Elderly”. Bulat, **Hart-Hughes**, Quigley, Ahmed, Werner, Palacios, Foulis. *Clinical Interventions of Aging*. 2007:2(4), 1-6.
- “Strategies to Reduce Risk of Fall Related Injuries in Rehabilitation Nursing”. Quigley P, Bulat T, **Hart-Hughes S**. *Rehabilitation Nursing*. 2007. Vol. 32, No 3, 120-125.
- "An Interdisciplinary Approach to Reducing Fall Risks and Falls", **Hart-Hughes S**, Quigley P, Bulat T, Palacios P, Scott S. *Journal of Rehabilitation*. Oct-Dec 2004.
- “Falls Clinics: A Catalyst for a Hospital-Wide Fall Prevention Network”. **Hart-Hughes S**, Quigley P, Bulat T, Friedman R, Spehar A, Perez-Marrero J. *The Federal Practitioner Journal*. June 2004, Vol.21(6), 57-66.

Poster Presentations:

- Schulz BW, **Hart-Hughes S**. A Mobile Rehabilitation Clinic to Extend Physical Therapy Services to Community-Based Outreach Clinics. Presented JAHVA Research Day. April 2012.
- Bulat T, **Hart-Hughes S**, Friedman Y, Quigley P. Vibrotactile Tilt Belt and Gait/Balance in Veterans at Risk for Falls: pilot study. Presented JAHVA Research Day. April 2012.
- Schulz BW, Gordon MT, **Hart-Hughes S**, Bulat T. Computer-Controlled Leg Press Forces and Muscle Activations: Implications for Training Older Adults. Presented at annual meeting of the Gerontological Society of America, November 2011.
- Schulz BW, **Hart-Hughes S**, Bulat T. Age-related alterations in Minimum toe clearance adaptations to floor surface irregularity and gait speed. Presented at the annual meeting of the American Society of Biomechanics, August 2011.
- Schulz BW, Gordon MT, **Hart-Hughes S**, Bulat T. Effects of Age, Gender, Speed, and Contraction Direction on Leg Press Forces and Muscle Activations: Implications for Training of Older Adults. Presented at USF Research Day, February 2011 and at VA Research Day, April 2011.
- **Hart-Hughes S**, Quigley P, Bulat T, Friedman Y, Powell-Cope G, Fitzgerald S. Effect of Group Exercise on Gait and Balance in Peripheral Neuropathy. 3rd International Congress on Gait and Mental Function. Washington DC. 2/26-2/28, 2010.
- Schulz BW, **Hart-Hughes S**, Latlief G, Phillips S, Highsmith MJ. “Asymmetries in Spatiotemporal Gait Parameters of Transtibial and Transfemoral Amputees” poster presented to 3rd International Congress of Gait and Mental Function (GAIT2010), February 2010.
- Schulz B, **Hart-Hughes S**. A Comparison of Four Methods of Ground Contact Detection for Normal and Simulated Pathologic Gait. 14th Annual Gait and Clinical Movement Analysis Society (GCMAS) Meeting. Denver, CO. March 10-13, 2009.

- Friedman, Y., **Hart-Hughes, S.**, Quigley, P., & Bulat, T. A functional profile of outpatient veterans at-risk for falls. First Historic Statewide Magnet Nursing Research Conference. 2/6/04 Tampa, Fl.
- Friedman, Y., **Hart-Hughes, S.**, Quigley, P., & Bulat, T. A multi-disciplinary approach to fall prevention. 2003 VISN 8 Ambulatory Care Forum. October 2003.
- “The Role of a Gait and Balance Biomechanics Laboratory Within a Multi-Disciplinary Falls Clinical Team”, Co-author. 3rd Annual Evidence-Based Falls Conference; Clearwater Beach, Florida, March 2002.
- “Strategies to Initiate Falls Clinics”, Co-author. Annual VA Rehabilitation Symposium; Clearwater Beach, Florida, May 2001.
- “Criteria for Interdisciplinary Screening for Intrathecal Baclofen in the Severe Brain Injured Patient” Co-author. International Meeting of the Brain Injury Association; Quebec City, Quebec, Canada, June 1999.

Research Activities

- Fall Risk Assessment for Home Based Primary Care (HBPC) Programs. Team Lead. VISN 8 Patient Safety Center.
- Standbar to Improve Safety and Independence in Power Wheelchair Users. Co-investigator. VISN 8 Patient Safety Center.
- CDC/STEADI Toolkit Modification for VA PACTS (Patient Aligned Care Team). Co-investigator. VISN 8 Patient Safety Center.
- A Mobile Rehabilitation Clinic to Extend Physical Therapy Services to Community-Based Outreach Clinics. Co-primary investigator. Clinical Director. VA Office of Rural Health T-21 grant.
- Group Visit Fall Risk Assessment and Mitigation for GeriPACT. Co-investigator. VA Office of Rural Health T-21 grant.
- Gait, Balance and Attention Demands in Traumatic Brain Injury. Co-primary investigator. VA Rehabilitation Research and Development.
- Vibrotactile Tilt Belt and Gait/Balance Outcomes in Veterans at Risk for Falls: A Pilot Study. Co-primary investigator. Draper Laboratories.
- Quantifying and Defining Conventional Physical Therapy Interventions for the Veteran with Amputation. Co-investigator. Veteran’s Administration QUERI.
- Adaptability and Ability of Internal Mechanisms of Fall Aversion. Co-investigator. VA Rehabilitation Research and Development.

- Development of a Wearable Motion Analysis System for Evaluation and Rehabilitation for TBI. Co-investigator.
- Fall Prevention Amputee Education Tool. Co-investigator. National Center for Patient Safety.
- Gait and Balance Deficits of Polytrauma in Transtibial and Transfemoral Amputees. Co-primary investigator. Veteran's Administration Polytrauma QUERI.
- Exercise Interventions to Improve Patient Outcomes in Knee Osteoarthritis. Co-investigator. VA Rehabilitation Research and Development.
- Effect of Exercise on Gait and Balance in Patients with Peripheral Neuropathy. Co-investigator. VA Rehabilitation Research and Development.
- A Feasibility Study to Assess the Safety and Efficacy of the Radio-Frequency Microstimulator System to Improve Function of the Arm Following Traumatic Brain Injury. Co-Investigator. Alfred Mann Foundation.
- Multi-parameter Assessment of Gait Response to Dalfampridine in Multiple Sclerosis Patients. Co-primary investigator.

PROFESSIONAL COURSES:

2019 Safe Patient Handling and Mobility Conference Orlando, Florida	March 2019
Rehabilitation for Total Joint Replacements Live Webinar	November 2018
1st International Safe Patient Handling & Mobility Conference Atlanta, Georgia	September 2018
Patients with Cardiovascular Disease: Effective Management in Physical and Occupational Therapy LTC@PTOT Seminars, Tampa, Florida	June 2017
Medications and the Physical Rehabilitation Process Progressive Therapy Education	November 2016
2015 Safe Patient Handling and Mobility Conference Department of Veterans Affairs. Phoenix, Arizona	April 2015
Functional Training for Physical Therapists ISFTA. Lakeland, Florida	March 2015
12 th Annual Evidence-Based Falls Conference Department of Veterans Affairs. Clearwater, Florida	May 2012

APTA Combined Sections Meeting New Orleans	Feb 2011
11 th Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	May 2010
Gait 2010: Every Step Counts 3 rd International Congress on Gait and Mental Function Washington D.C.	Feb 2010
10 th Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	May 2009
Activity-based Rehabilitation: Locomotor Training TIRR, Houston, Texas	Dec 2008
Technology in Rehabilitation 30th Annual International Conference of the IEEE Engineering Society	August 2008
Hocoma Locomat Training Workshop	August 2008
9 th Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	April 2008
VHA Prosthetic and Sensory Aid Services, Rehabilitation Services Conference and Exposition 2007	December 2007
Hocoma Locomat Training Workshop	August 2007
8 th Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	April 2007
Activity-based Rehabilitation: Locomotor Training McGee Rehabilitation Center	November 2006
7 th Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	April 2006
Evidence Based Strategies for Patient Falls and Wandering	April 2005
Examination and Intervention of Dizziness Cross Country University	May 2004
5 th Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	March 2004
Topics in Physical Therapy-Neurology APTA home study course	March 2003
4 th Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	March 2003

APTA 2003 Combined Sections Meeting	Feb. 2003
“Advanced Competency in the Evaluation and Treatment of Complex Balance Disorders” North American Seminar-presenter Dr. Fay Horak	May 2002
3 rd Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	March 2002
NeuroCom International: Clinical Integration Seminar	Sept. 2001
Annual VA Rehabilitation Symposium Department of Veterans Affairs	April 2001
“Clinical Gait Analysis-A Focus on Interpretation” Center for Motion Analysis, Connecticut Children’s Hospital	March 2001
2 nd Annual Evidence-Based Falls Conference USF and Department of Veterans Affairs	Jan 2001
Safe Patient Handling and Movement Conference Department of Veterans Affairs	Jan 2001
Vestibular Rehabilitation: A Competency Based Course 2000 University of Miami	March
Vestibular Rehabilitation and Balance Retraining Dogwood Institute	October 1999
Craniosacral Therapy 2: Upledger Institute	June 1998
The Fascial Pelvis - Barnes	April 1998
Craniosacral Therapy 1: Upledger Institute	May 1997
Muscle Energy - Lower Quadrant	April 1997
Mobilization of the Nervous System: Neuro Orthopedic Institute	August 1996
Manual Therapy /Canadian training (Vertebral Level 2) 1996	April -May
Manual Therapy /Canadian training (Extremities Level 2)	Sept. – Oct. 1995
Mackenzie Part A	October 1995
Manual Therapy/Canadian training (Extremities & Vertebral Level 1)	Jan.- Feb.1995
Motor Relearning Stroke Rehab (Carr & Shephard)	November 1994

