

## CURRICULUM VITAE

**Name:** Susan L. Whitney, DPT, PhD, NCS, ATC, FAPTA

**Address:** University of Pittsburgh  
6035 Forbes Tower  
Pittsburgh, PA 15260

**Telephone:** 412/383-6642 or 647-7620 (W)

**Name of Educational Program and Institution:**

University of Pittsburgh  
School of Health and Rehabilitation Sciences  
Department of Physical Therapy  
6035 Forbes Tower  
Pittsburgh, PA 15260

**Education:**

Temple University  
Philadelphia, PA  
Bachelor of Science Degree in Physical Therapy, Cum Laude, 1972-1976

University of Pittsburgh  
School of Education  
Completed Requirements for Athletic Training Certification, April 1981  
Primary Emphasis: Sports Medicine and Orthopedic Physical Therapy

University of Pittsburgh  
School of Health Related Professions  
Master of Science Degree in Health Related Professions, April 1981  
Master's Thesis: The Development and Implementation of a New Sports Medicine Course for Senior Physical Therapy Students - Magna Cum Laude

University of Pittsburgh  
School of Education  
Ph.D. in Education (primary emphasis in Motor Development), 1983-1992  
Dissertation Title: Dynamic Balance Responses in Five to Six-Year-Old Gymnasts and Swimmers  
Summa Cum Laude

MGH Institute of Health Professions

Boston, MA  
Transitional DPT degree, June 2009

**Licensure Information/Registration Number**

Pennsylvania

**Employment and Positions Held**

Staff Physical Therapist  
Moss Rehabilitation Hospital  
Philadelphia, Pennsylvania  
1976-78

Senior Physical Therapist  
Moss Rehabilitation Hospital  
Philadelphia, Pennsylvania  
September 1978-August 1979

Ohio Valley Hospital  
McKees Rocks, Pennsylvania  
Physical Therapist, July-August 1980

St. Margarets Memorial Hospital  
815 Freeport Road  
Pittsburgh, Pennsylvania  
Part-time from October 1979 to December 1979  
Weekend Physical Therapy, October 1980 to 1996

Teaching Assistant  
Program in Physical Therapy  
University of Pittsburgh  
School of Health Related Professions  
Pittsburgh, Pennsylvania  
January 1980 to April 1981

Clinical Instructor and Co-Coordinator in the Sports  
Physical Therapy Track, SHRP Graduate Program  
University of Pittsburgh  
School of Health Related Professions

Pittsburgh, Pennsylvania  
May-June 1981; August 1982 to July 1982

Instructor and Co-Coordinator in the Sports Physical Therapy  
Track, SHRP Graduate Program  
University of Pittsburgh  
School of Health Related Professions  
Pittsburgh, Pennsylvania  
August 1982 to 1984

Staff Physical Therapist, Part-time  
Mercy Hospital  
Pride and Locust Streets  
Pittsburgh, Pennsylvania 15219  
January 1982 to 1984

Physical Therapist, Part-time  
Reformed Presbyterian Home  
Pittsburgh, Pennsylvania  
January 1985 to May 1985

Eye and Ear Institute- Centers for Rehab Services  
Director of PT (70% clinic)  
1999 to 2003

McCandless Centers for Rehab Services  
7-12 hours per week  
2004-2012

Eye and Ear Institute- Centers for Rehab Services  
8 hours per week  
2012-present

Assistant Professor in Physical Therapy and  
Co-Coordinator of the Sports Graduate Emphasis  
University of Pittsburgh  
School of Health and Rehabilitation Sciences  
Pittsburgh, Pennsylvania  
July 1, 1984 to 1994

Assistant Department Director  
Department of Physical Therapy  
University of Pittsburgh

School of Health Related Professions  
Pittsburgh, Pennsylvania  
September 1, 1985 to 1989

Associate Professor  
University of Pittsburgh  
Department of Physical Therapy  
School of Health and Rehabilitation Science  
Pittsburgh, Pennsylvania  
2005- 2012

Professor  
University of Pittsburgh  
Department of Physical Therapy  
School of Health and Rehabilitation Science  
Pittsburgh, Pennsylvania  
2012-present

Guest Faculty at Duquesne University, 1992-1997

SHRS Graduate Faculty Member, 1992-present

Associate Professor in the Department of Otolaryngology, 1993-2013 (secondary appointment)  
Associate Professor in the University of Pittsburgh's Department of Clinical Translational Science Institute  
(secondary appointment, 2011)  
Professor, Department of Otolaryngology, 2013-present (secondary appointment)  
Professor, Department of Clinical Translational Science Institute (secondary appointment, 2013-present)

Guest Faculty at Chatham College, 1995

Co-coordinator of the Neuromuscular Master of Science Track 1996-1999

Associate Professor in the School of Education, 1995-2005 (secondary appointment)

Guest Faculty at Slippery Rock University, 1994-1996, 1998-2002

Guest Faculty, Beaver College, 1997

Guest Faculty, Butler County Community College, 1997-2001

Guest Faculty at Husson College, 2002, 2004, 2005, 2009, 2012

Guest Faculty, Youngstown State University, 1999-present

Guest Faculty, Rocky Mountain University, 2000-2003

Guest Faculty, Arcadia University, 2007

Rehabilitation Research Chair, King Saud University, Riyadh, Saudi Arabia, 2011-present

**Continuing Education Attended:**

Bobath Seminar for Students, June 1976

Emergency First Aid Course, April 1976

Sexuality and the Physically Disabled, March 1976

Pennsylvania Physical Therapy Association Annual Conference, 1976,1977, 1978, 1982, 1984, 1985, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2010, 2011, 2016

American Physical Therapy Association National Conference, 1976, 1977, 1978, 1979, 1981, 1982, 1987, 1989, 1990, 1991, 1992, 1993, 1994, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015

Knee Mobilization Course, December 1977

Sexual Attitudes Reassessment Small Group Facilitator, October 1977; March 1978; October 1978

Physiology of Exercise Course, October 1977

Shoulder Mobilization Course, October 1977

Transcutaneous Electrical Stimulation Seminar, September 1977

Seminar on Management of the Adolescent with Spinal Cord Injury, June 1977

Cardiopulmonary Resuscitation Instructors Course, April 1977 (One Graduate Credit)

Completion SAR Facilitator Training Level I, January-March 1978

Surgical and Medical Management of Spinal Cord Injuries, September 11-15, 1978

Rectified as a CPR Instructor, December 1978, 1980

Advanced First Aid Course, 1981

The Learning Tree: Neurophysiological Concepts in Human Behavior, September 17-25, 1981

Orthopedics of the Low Back, November 13 and 15, 1981

Pittsburgh Orthopedic Study Group Meeting, January 30-31, 1982

Proprioceptive Neuromuscular Facilitation Course, January 10-15, 1982

Audited HRP 216-Sensory Motor Learning I Course, SHRP Graduate Program, University of Pittsburgh, Winter Term, 1982

Sports Medicine Symposium, March 26, 1982

Electrotherapy for Instructors Course, August 2-6, 1982

Orthotics Course, October 1-3, 1982

Combined Section Meeting, Nashville, Tennessee, 1983

Clinical Implications of Muscle Physiology, July 16, 1983

Evaluation and Treatment of Spinal Disorders, December 1-2, 1984

Strategies for Assessment, October 25-27, 1984

Teleconference on Autotractor-Electrical Stimulation, February 15, 1985

Bobath Interdisciplinary Techniques Teleconference, January 29, 1985

Physical Therapy Interventions for the Elderly, May 17, 1985  
 PT Management of Traumatic Head Injury, May 26-28, 1986.  
 Pennsylvania Athletic Trainers Association Conference May 5-6, 1986, May 20, 1995  
 Dance Medicine Seminar, September 28, 1986  
 Rock Eagle Conference on Clinical Education, 1986  
 Thoracic Outlet Teleconference, January 5, 1987  
 New Perspectives on Balance and Coordination: Neurophysiological Basis for Evaluation and Treatment,  
 Feb. 29, March 1, 1987.  
 Clinical Decision Making in Physical Therapy Practice, Education, and Research, October 2-5, 1988.  
 The Fourth Annual Panther Sports Medicine Symposium (Pittsburgh) Dec. 1990.  
 II Step Conference, July 5 - 13, 1990  
 Combined Sections Meeting (Orlando), January 1991  
 Combined Sections Meeting (San Francisco), February 1992  
 Pennsylvania Physical Therapy Mid-year meeting, 1991, 1992, 1994, 1995  
 The Fifth Annual Panther Sports Medicine Symposium (Pittsburgh) April, 1992  
 Impact II (Baltimore), September 17-20, 1992  
 Vestibular Practicum, December 5, 1992  
 Clinical Management of Vestibular Disorders, December 3-4, 1992  
 Time Management for Managers, Jan 20, 1993  
 Combined Sections Meeting (San Antonio), February 1993  
 Component Leadership Workshop, April 18-20, 1993  
 Combined Sections Meeting (New Orleans), Feb 2-6, 1994  
 Coalitions for Consensus II (Durham, NC), June 24-27, 1994  
 National Athletic Trainers Conference, 1981, 1986, 1994  
 World Confederation Meeting for Physical Therapists, Washington, DC, 1995  
 Combined Sections Meeting (Reno, Nevada) February 8-12, 1995  
 Combined Sections Meeting (Atlanta, Georgia) February 14-18, 1996  
 Occupational Therapy Alumni 1996 Special Lecture Series, September 27-28, 1996  
 Motor Control and Learning in the Rehabilitation of the adult neurological patient. University of Pittsburgh  
 Combined Sections meeting, Boston, 1998  
 NIH Conference on Quality of Life, Oct 25-30, 1998  
 American Research in Otolaryngology meeting, Feb, 1999  
 Combined Sections meeting, Seattle, WA, 1999  
 Fundamentals of Clinical Research Practice, March 11, 1999  
 Association for Research in Otolaryngology meeting, Feb 2000-2012  
 Combined Sections Meeting, New Orleans, Feb, 2000  
 5<sup>th</sup> Annual Symposium on Applied Physiology of the Peripheral Circulation, June 9, 2000  
 Combined Sections Meeting, San Antonio, Feb. 2001  
 Combined Sections Meeting, Boston, Feb 2002  
 Combined Sections Meeting, Tampa, Feb 2003  
 Otology Mini Seminar, October 22, 2003  
 Combined Sections Meeting, Nashville, TN, Feb 2004  
 NeuCom Balance Training Course, Portland, OR, Nov, 2004

Differential Diagnosis for Physical Therapists, Jan 15-16, 2005  
Combined Sections Meeting, New Orleans, LA, Feb 2005  
III STEP conference, July 15-21, 2005  
Combined Sections Meeting, San Diego, CA Feb 2006  
Constraint Induced Movement Therapy, August 12-13, 2006  
Vestibular Rehabilitation: An advanced course and update, March 21-23, 2007  
Combined Sections Meeting, Boston, MA Feb 2007  
Vestibular Rehabilitation: An advanced course and update, March 7-9, 2008  
Barany meeting, Kyoto, Japan, April 1-4, 2008  
Vestibular Rehabilitation competency based course, Atlanta, GA, April 16-19, 2008  
30<sup>th</sup> IEEE EMBS Annual International Conference (Technology in Rehabilitation) Vancouver BC, August 24, 2008  
Federation of State Boards of Physical Therapy Annual meeting, Minneapolis, MN, September 15-18, 2008  
International Symposium on measurement of participation in rehabilitation research, October 14-15, 2008, Toronto, CA (Presymposia at the ACRM-ASNR Joint Educational Conference).  
ALS Annual Symposium, Jan 22-24, 2009  
Combined Sections meeting, Las Vegas, Feb 2009  
Politizer Society meeting, London, UK, September 2-5, 2009  
Combined Sections meeting, San Diego, Feb 2010  
Association for Research in Otolaryngology, Anaheim, CA, Feb 20-23, 2010  
Combined Sections meeting, New Orleans, Feb 7-12, 2011  
Association for Research in Otolaryngology, Baltimore, MD, Feb 20-23, 2011  
Federation of State Boards of Physical Therapy Board Training meeting, Aug 19-21, 2011  
Body weight-torso training workshop, Aug 28, 2011  
Combined Sections Meeting, Chicago, IL Feb 7-11, 2011  
Association for Research in Otolaryngology, San Diego, CA February 25-28, 2011  
ICF Core consensus meeting, Munich, Germany May 10-12, 2012  
Clinical practice guideline workshop, APTA, July 25-27, 2012  
Evidence based guidelines affecting policy, practice and stakeholders (E-GAPPS), Dec 10-11, 2012  
Face into the Storm: Gaining the System Skills Needed to Succeed in the Changing Health Care Environment, June 7, 2013  
Combined Sections Meeting, 2011-2016  
APTA Movement Summit, Dec 9-10, 2016  
Combined Sections meeting, San Antonio, Feb 13-18, 2017

**Grant Activity:**

Whitney SL, Gallagher JD. "Reliability of Isokinetic Torque Measurements in Four, Five, and Six Year Old Children", SHRP Research and Development Fund (\$172.00), 1984.

Champlin T, Whitney SL, "Effects of the External Patellar Stabilizing Brace on Quadriceps Force Output in Subjects with Chondromalacia Patella", SHRP Research and Development Fund (\$200.00), 1984

Poole JL, Whitney SL, "Comparison of the Fugl-Meyer Assessment Form and the Motor Assessment Form", from the SHRP Research and Development Fund (\$170.00), Summer, 1985. This information was later published in the Archives of Physical Medicine and Rehabilitation.

Lin YH, Whitney SL. "The Effect of Ankle Taping on Isometric Contraction of the Peroneus Longus", from SHRP Research and Development Fund (\$450.00), Summer, 1985.

Whitney SL. "Comparison of Static vs. Dynamic Balance in Young Children", Physical Therapy Foundation (\$4,500.00)

Furman JMR, Redfern M, Whitney SL, Lederer J. "An Ambulatory Balance Training System", Ben Franklin Partnership (\$42,920.00)

Furman JMR, Redfern M, Whitney SL, Lederer J. "An Ambulatory Training System", Ben Franklin Partnership (\$39,783.00)

Furman JMR, Redfern M, Whitney SL, Lederer J. "An Ambulatory Training System", Ben Franklin Partnership (\$37,079.00)

Robinson C, Agarwal G, Redfern M. "Manipulating Joint Compliances and Ground Reaction Forces to Predict Falling Potential" Department of Veterans Affairs-Rehab R&D Service, (\$50,000.00). I was a co-investigator listed at 15% of my time (\$10,000.00).

Whitney S, Hughs C, Mucha A, Brandfass K. "The Role of Augmented Feedback and Dynamic Step Training in Hemiplegia" SHRS Research and Development Fund, \$750.00.

Furman JM. " Postural control in the elderly". I was paid 10% of my time as a consultant to assist in the data collection of healthy older adults in the lab.

Bonninger M, Robinson C, Whitney S. "Application of Proprioceptive Orthoses to Fall Prevention in the Elderly" the Department of Veterans Affairs in October, 1995-96 for \$120,000 (20% of my salary).

Casselbrant, M PI, Co-PI Redfern M, Furman J, Whitney S, "The Effect of Otitis Media on the Balance System". It was a 5-year grant that was funded in 1997. I was paid 10% of my salary and was responsible for collecting functional "balance" measures in young children.

Redfern MA, Whitney SL, Furman JM, Hodges L, Rothbaum B. Virtual reality for balance rehabilitation. (R21 grant). It provided 20% salary support in year one and 30% in years 2 and 3. (\$599,014) (Funded 2001-2004).

Whitney SL. Virtual reality in balance disorders (K23 grant funded). It provided 5 years salary support at 75% for a total of \$707,645.00. NIDCD funded January 2003-2008.

Whitney SL. III Step Conference Grant. PVA Education Foundation, Requested support of \$15,000.00. Submitted Feb 1, 2005. Not funded

Furman JM, Whitney SL. Development of a Functional Vestibulo-ocular Reflex Assessment Tool. Funded as a Pepper pilot program. May 2005 (\$10,000.00)

Whitney SL. The use of various foot devices to enhance proprioception in the lower extremities. Claude Pepper pilot program, May 2006 (\$11,500) not funded.

Whitney SL, Mohammad MT. Can computerized visual testing detect improvement in physical function following vestibular rehabilitation? Submitted to the Pennsylvania Lions Hearing Research Foundation, 1/2008. (10,000) Not funded

Whitney SL, Rine R, Redfern MS. Development of a component of the NIH Toolbox. Subcontract. 9/08 (\$167,320.00)

Whitney SL, Lin CC, Sienko K, Laughlin P. The use of vibrotactile feedback in older and younger persons while performing a reaction time task. Not funded.

Sienko K, Whitney SL. Effect of vibrotactile feedback training on persons with unilateral vestibular hypofunction. NIDCD (R21) funded.

Parry S. Cognitive behavioural therapy-based intervention to reduce fear of falling in older fallers attending a community based falls service: Therapy development and randomised controlled study. National Institute for Health Research (NIHR) Health Technology Assessment (HTA). Funding 2011-2015. Role: Consultant.

Wiens J, Sienko K, Alexander N, Carender W, Kinnaird C, Ojeda L, Whitney SL, Staab J. Robust data driven algorithms for home based balance training in community dwelling older adults. Submitted to the National Science Foundation. PAF ID: 17:PAF03365.

Kontos, A, Furman JM, Collins MC, Mucha A, Whitney SL, Sparto, PJ Effectiveness of Vestibular Ocular Motor Screening (VOMS) Tool for Identifying mTBI and Tracking Recovery in Military Personnel. NCT02634944

PI: Anthony Kontos; Source of Support: U. S. Army Congressionally Directed Medical Research Programs; Period: 03/01/2016 – 02/28/2019  
Amount of contract: \$1,354,046 (8% salary support)

Hovareshti P, Intelligent Automation, Inc. Vestibular Rehabilitation Aid (VestAid)", DHA SBIR Pending funding. (Role: Expert consultant)

**Publications (Refereed on Medline):**

Poole, J.L., Whitney, S.L. "Comparison of the Fugl-Meyer Assessment Form and the Motor Assessment Form", Arch Phy Med & Reh. 69:195-197, 1988.

Kamkar, A, Cardi, C, Whitney, S "Evaluation and Treatment of Superior Subluxation of the First Rib", Journal of Sport Rehabilitation, 1(4):300-316, 1992.

Poole, J., Whitney, S. "Inflatable Pressure Splints (Airsplints) as Adjunct Treatment for Stroke Patients" Physical and Occupational Therapy in Geriatrics, 11(1):17-27, 1992.

Wang, S., Whitney, S.L., Burdett, R, Janosky, J. "Lower Extremity Muscular Flexibility in Long Distance Runners" Journal of Orthopedic and Sports Physical Therapy, 17(2):102-107, 1993.

Kamkar, A, Irrgang, J, Whitney, S. "Non-Operative Management of Secondary Shoulder Impingement Syndrome" Journal of Orthopedic and Sports Physical Therapy, 17(5):212-224, 1993.

Allegrucci, M, Whitney S, Irrgang J. "Clinical Implications of Shoulder Instability Overlap in Freestyle Swimmers" J Orthopedic and Sports Physical Therapy 20(6):307-318, 1994.

Allegrucci, M, Whitney S, Lephart S, Irrgang J, Fu F "Shoulder Kinesthesia in Healthy Unilateral Athletes Participating in Upper Extremity Sports" J Orthopedic and Sports Physical Therapy, 21(4):220-226, 1995

Mann G, Whitney S, Redfern M, Borello-France D, Furman J. Functional reach and single leg stance in patients with peripheral vestibular disorders. Journal of Vestibular Research, 6(5):343-353, 1996

Whitney SL, Poole JL, Cass SO. A review of balance assessments for older adults. Journal of Occupational Therapy 52(8):666-671, 1998.

Borger L, Whitney S, Redfern M, Furman J. "The influence of dynamic visual environments on postural sway in the elderly" Journal of Vestibular Research, September, 9:197-205, 1999.

Whitney SL, Hudak MT, Marchetti GF. The Activities-specific balance confidence scale and the Dizziness Handicap Inventory: A Comparison, J of Vestibular Research, 9:253-259, 1999.

Furman JM, Whitney SL. Central causes of dizziness. Phys Ther, 80(2):179-187, 2000

Whitney SL, Rossi MM. Efficacy of vestibular rehabilitation. Otol Clinics of North Am, 33(3):659-672, 2000

Whitney SL, Marchetti G, Hudak M. The Dynamic Gait Index related to self-reported fall history in individuals with vestibular dysfunction. J of Vestibular Research, 10:99-105, 2000

Whitney SL, Wrisley DM, Brown KE, Furman JM. Physical Therapy for Migraine-related Vestibulopathy and Vestibular Dysfunction with History of Migraine. Laryngoscope. 110:1528-1534, 2000.

Wrisley DM, Sparto PJ, Whitney SL, Furman JM. Cervicogenic Dizziness: Diagnosis and Intervention. *Journal of Orthopedic and Sports Physical Therapy*. 30(12):755-766, 2000.

Jacob R, Whitney SL, Detweiler-Shostak, Furman JR. Effect of vestibular rehabilitation in patients with panic disorder with agoraphobia and vestibular dysfunction: A pilot study. *J of Anxiety Disorders*, 15:131-146, 2001.

Brown KE, Whitney SL, Wrisley DM, Furman JM. Physical therapy outcomes for persons with bilateral vestibular loss. *Laryngoscope*, 111:1812-1817, 2001.

Wrisley DM, Whitney SL, Furman JM. Vestibular rehabilitation outcomes in patients with a history of migraine. *Neurotology and Otology*, 23:483-487, 2002.

Whitney SL, Wrisley DM, Marchetti G, Furman JM. The effect of age on rehabilitation outcome in persons with vestibular disorders. *Laryngoscope*, 112:1785-1790, 2002

Furman JM, Hsu LC, Whitney SL, Redfern MS. Otolith-ocular responses in patients with surgically confirmed unilateral peripheral vestibular loss. *Journal of Vestibular Research*. 13(2-3):143-151, 2003.

Whitney SL, Wrisley DM, Furman JM. Concurrent validity of the Dynamic Gait Index and the Berg Balance Scale in persons with vestibular disorders. *Physiotherapy Research International*, 8(4):178-186, 2003.

Wrisley DM, Whitney SL. The effect of foot position on the modified test of clinical sensory integration and balance. *Archives of Physical Medicine and Rehabilitation*, 85(2):335-338, 2004.

Whitney SL, Wrisley DM, Brown KE, Furman JM. Is perception of handicap related to functional performance in persons with vestibular dysfunction? *Neurotology and Otology*, 25(2):139-143, 2004

Whitney SL, Wrisley DM. The effect of footwear on the modified test of sensory integration and balance. *Archives of Physical Medicine and Rehabilitation*, 85(3):439-43, 2004.

Wrisley DM, Marchetti GF, Kosloskey D, Whitney SL. Reliability, internal consistency, and validity of data obtained with the functional gait assessment. *Physical Therapy*, 84(10):906-918, 2004

Whitney SL, Marchetti GF, Schade A, Wrisley DM. The sensitivity and specificity of the Timed "Up & Go" and the Dynamic Gait Index for self-reported falls in persons with vestibular disorders", *Journal of Vestibular Research*, 2004;14(5):397-409.

Sparto PJ, Whitney SL, Hodges LF, Furman JM, Redfern MS. Simulator sickness when performing gaze shifts within a wide field of view optic flow environment: Preliminary evidence for using virtual reality in

vestibular rehabilitation. *Journal of Neural Engineering and Rehabilitation, J Neuroengineering Rehabil.* 2004 23;1(1):14-21

Whitney SL, Jacob RG, Sparto PJ, Olshansky E, Detweiler-Shostek G, Brown EL, Furman JM. A case report of acrophobia and height vertigo. *Physical Therapy*, 2005;85(5):443-58.

Marchetti GF, Whitney SL. Older adults and balance function. *Neurologic Clinics of North America*, 23(3):785-805, 2005.

Furman JM, Whitney SL. Case studies of persons with balance disorders. *Neurologic Clinics of North America*, 23(3):919-933, 2005.

Legters K, Whitney SL, Porter R. The concurrent validity of the Dynamic Gait Index and the Activities-specific Balance Confidence scale in persons with unilateral peripheral hypofunction. *Physiotherapy Research International*, 10(1):10-22, 2005.

Whitney SL, Marchetti GF, Morris LO. The usefulness of the Dizziness Handicap Inventory in determining the diagnosis of benign paroxysmal positional vertigo. *Otology and Neurotology*, 26(5):1027-1033, 2005

Whitney SL, Wrisley DM, Marchetti GF, Gee MA, Redfern MS, Furman JM. Clinical performance of sit-to-stand performance in people with balance disorders: Validity of data for the fives-times-sit-to-stand test. *Physical Therapy*. 2005;85(10):1034-1035.

Brown KE, Whitney SL, Marchetti GF, Wrisley DM, Furman JM. Physical therapy for central vestibular disorders. *Archives of Physical Medicine and Rehabilitation*, 87(1):76-81, 2006.

Whitney SL, Marchetti GF, Schade A I. Computerized dynamic posturography, vestibular laboratory testing, and reported falls in persons with vestibular disorders. *Archives of Physical Medicine and Rehabilitation*, 87(3):402-407, 2006

Langraff NL, Whitney SL, Rubenstein EN, Yonas H. The Physical Performance Test's ability to determine physical performance in patients with asymptomatic carotid artery disease. *Physical Therapy*, 86(4):541-548, 2006

Whitney SL, Sparto PJ, Hodges LF, Babu SV, Furman JM, Redfern MS. Responses to a Virtual Reality Grocery Store in Persons with and without Vestibular Dysfunction. *Cyber Psychology and Behavior*. 9(2):152-6, 2006.

Marchetti M, Whitney SL. Postural control of older adults with cognitive dysfunction. *Physical Therapy Review*. 11:161-168, 2006.

Kelley JL, Whitney SL. The use of spinal mobilization for the treatment of functional thoracic pain and rib dysfunction: A Case Report. *Journal of Orthopedics and Sports Physical Therapy*. 36(11):887-892, 2006.

Marchetti GF, Whitney SL. The Construction and Validation of the Four-Item Dynamic Gait Index (DGI-4). *Physical Therapy*. 86(12):1651-1660, 2006.

Meretta B, Whitney SL, Marchetti GF, Sparto PJ, Muirhead RJ. Responsiveness of Five Times Sit to Stand Test as an Indicator of Improvement in Balance after Vestibular Rehabilitation. *Journal of Vestibular Research*, 16(4-5):233-43, 2006.

Whitney SL, Sparto PJ, Hodges LF, Babu SV, Furman JM, Redfern MS. Responses to a Virtual Reality Grocery Store in Persons with and without Vestibular Dysfunction. *Cyberpsychol Behav*. 9(2):152-6, 2006.

Whitney SL, Marchetti GF, Sparto PJ, Morris LO. The use of the four square step test in persons with balance and vestibular disorders. *Archives of Physical Medicine and Rehabilitation*, 88(1):99-104, 2007.

Marchetti GF, Whitney SL, Blatt P, Vance JO, Morris LM. Temporal and spatial characteristics of gait while performing the dynamic gait index in persons with and without balance and vestibular disorders. *Physical Therapy*, 88(5):1-12, 2008.

Pritcher M, Whitney SL, Marchetti GF, Furman JM. The influence of age and vestibular function on gaze stabilization: a pilot study. *Otology and Neurotology*, 2008 29(7):982-8, 2008.

Practice guideline: Benign paroxysmal positional vertigo. *J of the American Head and Neck Surgery. Otolaryngology Head and Neck Surgery*, 139:S47-S81, 2008.

Whitney SL, Marchetti GF, Pritcher M, Furman JM. Gaze stabilization and gait performance in older adults with vestibular dysfunction. *Gait and Posture*, 29(2):194-8, 2009.

Ward BK, Mohammad MT, Brach JS, Studenski SA, Whitney SL, Furman JM. Physical performance and a test of gaze stabilization in older adults. *Otology & Neurotology*, 31(1):168-172, 2010.

Landgraff NC, Whitney SL, Rubinstein EN, Yonas H. Cognitive and Physical Performance in Patients with Asymptomatic Carotid Artery Disease. *J of Neurology*, Jan 23, 2010.

Alsalaheen BA, Mucha A, Morris LO, Whitney SL, Furman JM, Camiolo-Reddy, CE, Collins MW, Lovell MR, Sparto PJ. Vestibular rehabilitation for dizziness and balance disorders after concussion. *Journal of Neurologic Physical Therapy*, 34:87-93, 2010.

Mohammad M, Whitney SL, Sparto PJ, Jennings JR, Furman JM. Perceptual and motor inhibition in patients with vestibular disease. *Journal of Neurologic Physical Therapy*. 34:76-81, 2010.

Furman JM, Raz Y, Whitney SL. Geriatric vestibulopathy assessment and management. *Current Opinion in Otolaryngology and Head & Neck Surgery*, 18(5):386-91, 2010.

Ward BK, Mohammad MT, Whitney SL, Marchetti FG, Furman JM. The reliability, stability, and the concurrent validity of a test of gaze stabilization. *J of Vestibular Res.* 20(5):363-372, 2010.

Hassan N, George S, Bonniger M, Rodgers J, Whitney S, Delitto A. Spinal mobilization of postpartum low back and pelvic girdle pain: an evidence-based clinical rule for predicting responders and nonresponders. *Physical Medicine and Rehabilitation.* 2(11):995-1005, 2010.

Airwaily M, Whitney SL. Vestibular rehabilitation of older adults with dizziness. *Otolaryngology Clinics of North America*, 44(2):473-96, 2011.

Alghwiri A, Marchetti GF, Whitney SL. Content comparison of vestibular rehabilitation quality of life (QOL) measures based on the International Classification of Functioning, Disability and Health (ICF). *Physical Therapy Journal*, 91(3):346-57, 2011.

Marchetti GF, Whitney SL, Redfern MS, Furman JM. Factors Associated with Balance Confidence in Older Adults with Health Conditions Affecting the Balance and Vestibular System. *Archives of Physical Medicine and Rehabilitation*, 92(11):1884-91, 2011

Whitney SL, Sparto PJ. Physical therapy principles of vestibular rehabilitation. *Neurorehabilitation Journal*, 29(2):157-66, 2011.

Cohen HS, Gottshall KR, Graziano M, Malmstrom EM, Sharpe MH, Whitney SL. International guidelines for education in vestibular rehabilitation therapy. *Journal of Vestibular Research*, 21(5):243-250, 2011.

Mohammad MT, Whitney SL, Marchetti GF, Sparto PJ, Ward BK, Furman JM. The reliability and stability of dynamic testing of the vestibulo-ocular reflex in patients with vestibular disease. *J of Vestibular Research*, 21(5):277-288, 2011.

Alghwiri A, Whitney SL, Baker CE, Sparto PJ, Marchetti GF, Rogers JC, Furman JM. The development and Validation of the Vestibular Activities and Participation (VAP) Questionnaire using the Delphi technique. *Archives of Phys Med and Rehabil*, 93:1822-1831, 2012

Alsalaheen BA, Whitney SL, Mucha A, Morri LO, Furman JM, Sparto PJ, A framework for reporting vestibular rehabilitation exercise prescription and its application in the management of individuals with dizziness and imbalance after concussion. *Physiotherapy Research International*, 18(2):100-8, 2012.

Alghadir A, Iqbal ZA, Whitney SL. An update on vestibular physical therapy. *Journal of the Chinese Medical Association*, 76(1):1-8, 2013

Whitney SL, Marchetti GF, Ellis J, Otis L. Changes in balance in older adults receiving home care services. *Journal of Geriatric Research*, 36(1):3-12, 2013.

Furman G, Lin CC, Roche JL, Marchetti GF, Collins MC, Whitney SL. Comparison of the Balance Accelerometry Measure and Balance Error Scoring System in Adolescent Sports Concussion. *Am J of Sports Med*, 41(6):1404-10, 2013.

Rine RM, Schubert MC, Whitney SL, Roberts D, Redfern MS, Musolino MC, Roche JL, Steed DP, Corbin B, Lin C, Marchetti GF, Jennifer Beaumont, Carey J, Shepard NP, Jacobson GP, Wrisley DM, Hoffman HJ, G Furman, Slotkin J. Vestibular function testing: Measures of gaze stability and balance. *Neurology*, 12;80(11 Suppl 3):S25-31, 2013.

Whitney SL, Sparto PJ, Cook JR, Redfern MS, Furman JM. Symptoms elicited in persons with vestibular dysfunction while performing gaze movements in optic flow environments. *J Vestib Res*. 23(1):51-60, 2013.

Morgan M, Frisca L, Whitney SL, Furman JM, Sparto PJ. Reliability and Validity of the Falls Efficacy Scale-International (FES-I) in Individuals with Dizziness and Imbalance. *Otol & Neurotol*, Mar 28, 2013.

Mohammad MT, Furman JM, Sparto PJ, Marchetti GF, Whitney SL. The effect of optotype size and velocity parameters on the performance of healthy young adult subjects on the gaze stabilization test, *Otology & Neurotol*, March 21, 2013.

Whitney SL, Marchetti GF, Ellis J, Ottis L, Asiri F, Algahrir A. The relationship between cognition and gait performance in older adults receiving physical therapy interventions in the home. *JRRD*, 50(8): 1089-1098, 2013

Alghwiri A, Alghadir A, Whitney SL. The international classification of functioning, disability, and health (ICF) in vestibular disorders. *J of Vestibular Research*, 1;23(6):305-12, 2013

Grill E, Furman JM, Alghwiri AA, Müller M, Whitney SL. Using Core Sets of the International Classification of Functioning, Disability and Health (ICF) to measure disability in vestibular disorders. *J of Vestibular Research*, 1;23(6):297-303, 2013

Marchetti, GF, Whitney SL, Roche J, Lin, JC, Musolino MC, Redfern MS, Furman G. The development of an accelerometer-based measure of human upright static anterior-posterior postural sway under various sensory conditions: Test –retest reliability, scoring and preliminary validity of the Balance Accelerometry Measure (BAM). *J of Vestibular Research* 23(4):227-35, 2014

Alahmari KA, Sparto PJ, Marchetti GF, Redfern MS, Furman JM, Whitney SL. Estimating Postural Control with the Balance Rehabilitation Unit: Measurement Consistency, Accuracy, Validity, and Comparison with Dynamic Posturography, *Archives of Physical Medicine and Rehabilitation*, 95(1):65-73, 2014.

Alahmari KA, Sparto PJ, Marchetti GF, Redfern MS, Furman JM, Whitney SL. Comparison of Virtual Reality Based Therapy with Customized Vestibular Physical Therapy for the Treatment of Vestibular Disorders, *IEEE TNSRE*, 22(2):389-399, 2014

Marchetti GF, Lin CC, Alghadir, A, Whitney SL. Responsiveness and Minimal Detectable Change (MCD) for the Dynamic Gait Index and Functional Gait Index in Patients with Balance and Vestibular Disorders, *Journal of Neurologic Physical Therapy*, 38(2):119-124, 2014

Alsalaheen B, Whitney SL, Marchetti GF, Furman JM, Kontos A, Collins M, Sparto PJ. Performance of Functional Gait and Balance Measures in High School Adolescents. *J of Pediatric Physical Therapy*, 26(2):191-199, 2014

Winser SJ, Smith C, Hale L, Claydon LS, Whitney SL, Mehta P. Consensus on clinical outcome measures for balance assessment in cerebellar ataxia: a Delphi survey. *Disability and Rehabilitation*, Apr 29, 2014

Parry SW, Deary V, Finch T, Bamford C, Sabin N, McMeekin P, O'Brian J, Caldwell A, Steen N, Whitney SL, McColl E. The STRIDE (Strategies To Increase confidence, InDependence and Energy) Study: Cognitive behavioural therapy-based intervention to reduce fear of falling in older fallers living in the community. Therapy development and randomised controlled trial. *Trials Journal*, 6;15(1):210-222, 2014

Frisca L, Morgan M, Sparto PJ, Furman JM, Whitney SL. Responsiveness of self-report measures in individuals with a balance or vestibular disorder *Otol Neurotol*. 35(5):884-888, 2014.

Asiri F, Marchetti GF, Ellis J, Otis L, Watslaff V, Sparto PJ, Whitney SL. Predictors of functional and gait outcomes for persons post stroke undergoing home-based rehabilitation. *Journal of Stroke and Cerebrovascular Diseases*, 23(7):1856-1864, 2014

Winser SJ, Simith CM, Hale LA, Claydon LS, Whitney SL, Mehta P. Systematic review of the psychometric properties of balance measures for cerebellar ataxia. *Clin Rehabil* June 10, 2014

Alghadir A, Zafar H, Whitney SL, Iqbal Z. Effect of chewing on postural stability during quiet standing in healthy young adults. *Somatosensory Motor Research*. 10:1-5, 2014.

Whitney SL, Alghwiri A, Alghadir A. Physical therapy for persons with vestibular disorders. *Curr Opin Neurol*. 1:61-68, 2015.

Mueller M, Whitney SL, Alghwiri A, Grill E, Furman JM, Alghwiri A, Alghadir A. Subscales of the Vestibular Activities and Participation (VAP) Questionnaire can be applied across cultures. *Journal of Clinical Epidemiology*, 68(2):211-219, 2015

Lin CC, Whitney SL, Loughlin P, Furman JM, Redfern MS, Sienko K. The effect of age on postural and cognitive task performance while using vibrotactile feedback. *J of Neurophysiology* 2015 Jan 14:jn.00083.2014

Winser SJ, Smith CM, Hale LA, Claydon LS, Whitney SL, Mehta P. COSMIN for quality rating systematic reviews on psychometric properties. *Phys Ther Reviews*. 20(2):132-134, 2015

Lin CC, Roche JL, Steed DP, Musolino MC, Marchetti GF, Furman GR, Redfern MS, Whitney SL. Test-retest reliability of postural stability on two different foam pads. *J Nat Sci* 1(2):e43, 2015

Alghadir A, Murad A, Marchetti GF, Whitney SL. Cross-cultural adaptation and measurement properties of the Arabic version of the Fall Efficacy Scale International. *Neurosciences (Riyadh)*. 20(3):230-235, 2015

Klatt BN, Carender W, Lin CC, Alsubaie SF, Kinnaird CR, Sienko KH, Whitney SL. A conceptual framework for the progression of balance exercises in persons with balance and vestibular disorders. *Phys Med Rehabil*, 2(4):1044, 2015

Whitney SL, Marchetti GF, Otis L, Ellis J. Outcomes of usual versus a specialized falls and balance program in the home. *Home Healthcare Now*, 33(5):265-274, 2015

Arwaily M, Holmberg J, Whitney SL. A Physical Therapist Classification System for Persons with Complaints of Dizziness and Balance Dysfunction. *Physical Therapy Reviews*, 20(2):110-121, 2015

Pavlou M, Whitney SL, Alkathiry A, Huett M, Luxon L, Raglen E, Godfrey E, Bamiou E. The Pediatric Vestibular Symptom Questionnaire- A validation study. *J of Pediatrics*. 168:171-177, 2016

Alsalaheen BA, Whitney SL, Marchetti GF, Furman JM, Kontos AP, Collins MW, Sparto PJ. Relationship between cognitive assessment and balance measures in adolescents referred for vestibular physical therapy after concussion. *Clin J Sport Med*. 26(1):46-52, 2016.

Alghwiri A, Alghadir A, Whitney SL. The Activities-Specific Balance Confidence Scale and Berg Balance Scale: Reliability and Validity in Arabic-Speaking Vestibular Patients. *J of Vestibular Research*. 28:25(5-6):253-259, 2016

Whitney SL, Alghadir A, Anwer S. Recent evidence of the effectiveness of vestibular rehabilitation. *Curr Treat Options Neurol* 18(3):1-15, 2016

Hall CD, Herdman SJ, Whitney SL, Cass SP, Clendaniel RA, Fife TD, Furman JM, Getchius TS, Goebel JA, Shepard NT, Woodhouse SN. Vestibular Rehabilitation for Peripheral Vestibular Hypofunction: An Evidence-Based Clinical Practice Guideline. *Journal of Neurologic Physical Therapy* 40(2):124-155, 2016

Hall CD, Herdman SJ, Whitney SL, Cass SP, Clendaniel RA, Fife TD, Furman JM, Getchius TS, Goebel JA, Shepard NT, Woodhouse SN. Treatment for vestibular disorders: How does your physical therapist treat people with vestibular problems? *Journal of Neurologic Physical Therapy*. 40(2):156, 2016.

D'Silva L, Lin J, Staecker H, Whitney SL, Kluding PM. The Impact of Diabetic Complications on Balance and Falls: Contribution of the Vestibular System. *Physical Therapy Journal*. 96(3):400-409, 2016

AlMohiza M, Sparto PJ, Marchetti GF, Delitto A, Furman JM, Miller DL, Whitney SL. A quality improvement project in balance and vestibular rehabilitation and its effect on clinical outcomes measures. *J Neurol Phys Ther* 40(2):90-99, 2016

D'Silva LJ, Staecker H, Lin J, Sykes KJ, Phadnis AM, McMahon TM, Connolly D, Sabus CH, Whitney SL, Kluding PM. Retrospective data suggests that the higher prevalence of benign paroxysmal positional vertigo in individuals with type 2 diabetes is mediated by hypertension. *J of Vestibular Research*. 25(5-6):233-239, 2016

Whitney SL, Alghadir A, Alshebber KM, Alshehri M, Furman JM, Mueller M, Grill E. The development of the ICF vestibular environmental scale. *J Vest Res* 26(3):297-302, 2016

Parry SW, Bamford C, Deary V, Finch TL, Gray J, MacDonald C, McMeekin P, Sabin NJ, Steen IN, Whitney SL, McColl EM. Cognitive-behavioural therapy-based intervention to reduce fear of falling in older people: therapy development and randomised controlled trial - the Strategies for Increasing Independence, Confidence and Energy (STRIDE) study. *Health Technol Assess*. 20(56):1-206, 2016.

Alsalaheen BA, Whitney SL, Marchetti GF, Furman JM, Kontos AP, Collins MW, Sparto PJ. Relationship between cognitive assessment and balance measures in adolescents referred for vestibular physical therapy after concussion. *Clin J Sports Med* 26(1):46-52, 2016

D'Silva LJ, Whitney SL, Santos M, Hongying D, Kluding P. The Influence of Type 2 Diabetes on Symptom Presentation and Response to Repositioning Maneuvers in Individuals with Benign Paroxysmal Positional Vertigo. *J of Vestibular Research*, 25(5-6):233-239, 2016

Winer S, Smith CM, Hale LA, Claydon LS, Whitney SL, Klatt B, Mottershead J, Zaydan I, Heyman R. Psychometric properties of a core set of measures of balance for people with cerebellar ataxia secondary to multiple sclerosis. *Archives of Phys Med Rehabil*, 98(2):270-276, 2016

Alsheri MM, Sparto PJ, Furman JM, Fedor S, Mucha A, Henry LC, Whitney SL. The usefulness of the video head impulse test in children and adults post-concussion. *J Vest Res* 26(5-6): 439-446, 2016

Whitney SL, Alghwiri AA, Alghadir A. An overview of vestibular rehabilitation. *Handb Clin Neuro* 137:187-205, 2016

Sienko KH, Wall C, Whitney SL, Carender WJ. The role of sensory augmentation for people with vestibular deficits: real-time balance aid and/or rehabilitation device? *J of Vestibular Research*, 27(1):63-76, 2017

D'Silva L, Kluding P, Dai H, Whitney SL, Santos M. Postural sway is significantly higher in individuals with type 2 diabetes and concurrent benign paroxysmal positional vertigo. *International J of Neurosciences*, 25:1-9, 2017

D'Silva L, Whitney SL, Santos M, Hongying D, Kluding PM. The impact of diabetes on mobility, balance, and recovery after repositioning maneuvers in individuals with benign paroxysmal positional vertigo. *J of Diabetes and its Complications*. 31(6):976-982, 2017.

Schubert MC, Dunlap P, Whitney SL. Case Study of High-Velocity, Persistent Geotropic Nystagmus: Is This BPPV? *JNPT*, 41(3):182-186, 2017

Asiri FY, Marchetti GF, Ellis JL, Otis L, Sparto PJ, Walzlaf V, Whitney SL. Effect of home-based rehabilitation on activities of daily living and gait in older adults with heart failure at risk for falling: A retrospective cohort study. *Physiother Theory Pract* 33(12):943-953, 2017.

Asiri F, Marchetti GF, Watslaff V, Sparto PJ, Otis L, Ellis J, Whitney SL. Improvement in activities of daily living function (ALD in the OASIS-C) and gait performance in older adults with Parkinsons disease undering home based rehabilitation: A retrospective cohort study. Submitted to the *International J of Rehabilitation Research* (in press)

Winser S, Smith C, Hale, L. Calydon L, Whitney SL, Clinical assessment of balance using the Berg Balance Scale and the SARABal in cerebellar ataxia: How efficient are they? Submitted to the *Hong Kong Physiotherapy Journal* (in press)

Klatt B, Whitney SL. The importance of recognizing PPPD in patients with balance disorders. (submitted)

Dunalp PM, Mucha A, Smithnosky D, Whitney SL, Furman JM, Collins MC, Kontos AP, Sparto PJ. The Gaze Stabilization Test following Concussion, *JNPT* (Under 2<sup>nd</sup> review)

Maranhão E, Whitney SL, Maranhão-Filho, P. Tumarkin-like phenomenon as a possible sign of therapeutic success in posterior canal benign paroxysmal positional vertigo. *Otology and Neurotology*, (submitted)

Al-Sayegh N, Al-Obaidi S, Al-Shuwai N, MS; Marchetti G, PhD, Whitney SL. Variation of Walking Speed and Selective Physical Performances During Pregnancy. (submitted)

#### **Publications (Peer Reviewed in CINAHL)**

Whitney, S.L. "The University of Pittsburgh's Program in Physical Therapy". *Whirlpool*, 7(3), 1984.

Poole, J., Whitney, S.L. "Use of an Inflatable Air Splint on Hemiplegics" *Occupational Therapy Journal of Research*, Vol. 10 (6): 360-366, 1989.

Whitney, S.L., Blatchley, C.A. "Dizziness and Balance Disorders" *Clinical Management*, Vol. 11(1): 42-47, 1991.

Pezzulo, D., Irrgang, J., Whitney, S. "Patellar Tendonitis: Jumper's Knee", Journal of Sports Rehabilitation, 1(1): 56-68, 1992.

MaMahon, L.M., Burdett, R.G., Whitney, S.L. "Effects of Muscle Group and Placement Site on Reliability of Hand-Held Dynamometry Strength Measurements", J Orthopedic and Sports Physical Therapy 15(5):236-242, 1992.

Irrgang, J, Whitney, S, Harner, C. "Non-Operative Treatment of Rotator Cuff Injuries in Throwing Athletes", Journal of Sport Rehabilitation, 1(3):197-222, 1992.

Beach, M, Whitney, S, Dickoff, S. "Relationship of Shoulder Flexibility, Strength, and Endurance to Shoulder Pain in Competitive Swimmers", Journal of Orthopedic and Sports Physical Therapy, 16(6):262-268, 1992.

Whitney, S, Paschal, K. "Letters of Recommendation for Prospective Students", PT Magazine of Physical Therapy, July 68-71, 1993.

Irrgang J, Whitney S, Cox E. "Balance and Proprioceptive Training for Rehabilitation of the Lower Extremity", Journal of Sport Rehabilitation, 3:68-83, 1994.

Mattocks, L, Whitney, S, "Snapping Scapula Syndrome" Journal of Sports Rehabilitation, 3:331-352, 1994.

Whitney S, Mattocks L, Irrgang J, Gentile P, Pezzullo D, Kamkar A, "Reliability of lower extremity girth measurements and right-left side differences" Journal of Sports Rehabilitation 4:108-115, 1995.

Lin JJ, Whitney SL, Irrgang J. An analysis of secondary impingement syndrome related to rotator cuff tendonitis in overhead throwing sports. Biomedical Engineering-Applications, Basis & Communication, 7(4):56-68, 1995.

Whitney S, Carvell G. Integration of Science and Practice in the Treatment of the Patient with a Neurologic Movement Disorder. Neurology Report, 20(1):28-33, 1996.

Borello-France D, Whitney SL. Physical therapy management of a patient with bilateral peripheral vestibular loss: A case report. Neurology Report, 20(3):54-60, 1996.

Whitney SL, Borello-France D. Bilateral vestibular disease: An overview. Neurology Report, 20(3):41-45, 1996.

Wells CL, Whitney SL. The reliability of the Physical Performance Test in the clinical setting for patients with end stage lung disease and lung transplant recipients. Cardiopulmonary Physical Therapy, 7(4):9-11, 1996.

Boninger ML, Robinson CJ, Whitney SL, Redfern MS, Musolino MC. Geriatrics. Minimizing falls in the elderly. Rehabilitation R&D Progress Reports. 35108-9, 1998.

Whitney SL, Rossi M. Falls and balance in long term care. *Topics in Geriatrics*, 15(2):1-13, 1999.

Lin YH, Whitney SL. Effect of ankle taping on the isometric muscle contraction of the ankle evertors. *Journal of Back & Musculoskeletal Rehabilitation*. 14(3):123-6, 2000.

Whitney SL, Titus JL. Identification of vestibular disorders in mild head injury. *Athletic Training Today*, 6(1):33-39, 2001.

Whitney SL, Furman JM. Central causes of dizziness and physical therapy intervention. *Fisoterapista*, 7:45-55, 2001.

Poole JL, Whitney SL. Assessments of motor function post stroke: A review. *Physical and Occupational Therapy in Geriatrics*. 19(2):1-22, 2002.

Whitney SL, Sparto PJ, Brown KE, Furman JM, Redfern MS, Jacobson J. The potential use of virtual reality in persons with vestibular disorders. *Neurology Report*. 26:72-78, 2002.

Marcus, DA, Whitney SL, Furman JM. Treatment of migrainous vertigo. *Expert Rev. Neurotherapeutics*, 3(3):307-316, 2003.

Whitney SL, Wrisley DM, Musolino MC, Furman JM. Orthostatic Tremor: Two Persons in a Balance Disorders Practice. *Neurology Report*, 27(2):46-53, 2003.

Whitney SL, Wrisley DM, Musolino MC, Furman JM. Orthostatic Tremor: Two Persons in a Balance Disorders Practice. *Neurology Report*, 27(2):46-53, 2003.

Whitney SL. Guest editorial. The history of physical therapy education in the United States. *Journal of Physical Therapy Education*. 17(3):2, 2003.

Wrisley DM, Whitney SL, Furman JM. Measurement of health status in patients with dizziness with a history of migraine. *Neurology Report*, 28(2):84-90, 2004.

Whitney SL, Sparto PJ, Alaharmi K, Furman JM, Redfern MS. The use of virtual reality for persons with balance and vestibular disorders: The Pittsburgh experience. *Physical Therapy Reviews*. 14(5):299-306, 2009.

Lin CC, Whitney SL. Quantification of static and dynamic balance with the ICF category of changing and maintaining body position. *Topics in Geriatric Rehabilitation*, 28(1):17-26, 2012.

Whitney SL. Physiotherapy management of central vestibular dysfunction. *The Journal of the Association of Chartered Physiotherapists Interested in Vestibular Rehabilitation*. Winter 2011: 3-4.

## **Consumer Publications**

Whitney SL, Furman JM. Advances in vestibular and balance rehabilitation. Hearing Health. Summer: 8-10, 2010.

### **Book Chapters and Monographs:**

Whitney, S.L. In Scully, R., Barnes, M. Caufield, J., Shepard, K., Moffat, M. Physical Therapy, J.B. Lippincott Company, Chapter 30 -Physical Agents - Heat, Cold, Hydrotherapy, Philadelphia, 1987.

Kamerer D, Furman J, Whitney S: Vestibular System Evaluation and Rehabilitation" In Johnson JJ, Derkay C, et al (Ed): Instructional Courses, Volume 4, St. Louis: Mosby-Year Book, Inc, 320-332, 1991.

Whitney, SL, Walsh MK. "The Home Exercise Routine for Vestibular Physical Therapy" in Aronberg, I (Ed), Dizziness and Balance Disorders, New York: Kugler Publications, p.721-735, 1993.

Borello-France, D., Whitney, S.L., Herdman, S. In Vestibular Rehabilitation by S Herdman (Ed) "Assessment of Vestibular Hypofunction" and "Treatment of Vestibular Hypofunction", Phila: F. A. Davis Company, p.245-313, 1994.

Whitney, S. Differential Diagnosis of Dizziness in the Older Adult in Kauffman TL. Geriatric Rehabilitation Manual . New York: Churchill Livingstone p. 327-335, 1998.

Whitney SL. Balance Assessment and Prevention of Falls. Orthopedic Section, Orthopedic Interventions with Seniors. Home Study Course, 1-22, 1999

Whitney SL, Herdman SJ. Physical therapy assessment of vestibular hypofunction. In Herdman SJ (ed). F. A. Davis Company, Philadelphia, 1999, p.333-372.

Herdman SJ, Whitney SL. Treatment of vestibular hypofunction. . In Herdman SJ (ed). F. A. Davis Company, Philadelphia, p.387-423, 1999.

Whitney SL. Management of the elderly person with vestibular dysfunction. In Herdman SJ (ed). F. A. Davis Company, Philadelphia, p.510-533, 1999.

Jacobson, J., Redfern, M.S., Furman, J. M., Whitney, S. L., Sparto, J. S., Wilson, J. B., Hodges F. H., "Balance NAVE; A Virtual Reality Facility for Research and Rehabilitation of Balance Disorders," Conference Proceedings: Virtual Reality Software and Technology, 2000.

Furman JM, Casselbrandt ML, Whitney SL. Vestibular evaluation in children. In Pediatric Otolaryngology, edition 4. C D. Bluestone (Ed). Philadelphia: Saunders Publishing, 2003, pp.273-286

Whitney SL, Wrisley DM. Vestibular rehabilitation. In MIT Encyclopedia of Communication Disorders, Kent R (Ed): Bradford Books, p.563-569, 2003.

Whitney SL, Morris LO. Vestibular rehabilitation. In Poe D (ED) The Consumer Handbook on Dizziness and Vertigo. Auricle Ink Publishers, Sedona, AZ, p.225-228, 2005.

Marchetti GF, Whitney SL. Falls in the elderly and preventative measures. In Poe D (ED) The Consumer Handbook on Dizziness. Auricle Ink Publishers, Sedona, AZ, p.250-276, 2005.

Whitney SL, Morris LO. Multisensory impairment in older adults: Evaluation and intervention. In Geriatric Otolaryngology, Calhoun KH and Eibling DE (Eds) New York: Taylor & Francis, p.109-124, 2006.

Whitney SL. Vestibular rehabilitation. In The Vestibular Rehabilitation Handbook, Editor, Linda Luxon, (Expected publication, 2008)

Whitney SL, Marchetti GF. The older adult with vestibular disorder. In Herdman SJ. Vestibular Rehabilitation. FA Davis, p. 376-397, 2007

Whitney SL, Herdman SJ. Physical therapy assessment of vestibular hypofunction. In Herdman SJ. Vestibular Rehabilitation. FA Davis, p. 272-308, 2007

Herdman SJ, Whitney SL. Interventions for the patient with peripheral vestibular hypofunction. In Herdman SJ. Vestibular Rehabilitation. FA Davis, p. 309-337, 2007

Whitney SL. Vestibular rehabilitation update. International Federation of Otolaryngological Societies proceedings, July 2008.

Whitney SL. In Differential Diagnosis of Dizziness in the Older Adult in Kauffman TL. Geriatric Rehabilitation Manual. p.327-334, 2007.

Whitney SL, Furman JM. Vestibular rehabilitation. In Jacobson G, Shepard NT, and Gans R. Editors. San Diego: Pleural Publishing, p.543-584, 2008.

Whitney SL, Furman JM. Vestibular and balance rehabilitation. In Ballenger's 17 Edition of Otorhinolaryngology Head and Neck Surgery. Editors: JB Snow and PA Wackym, p. 343-350, 2008.

Alghwiri A, Whitney SL. Balance and falls. In Geriatric Physical Therapy. Edited by Andrew Guccione, Editors: Guccione AA, Wong RA and Avers D, p. 331-354, 2011.

Whitney SL, Raz Y. Vestibular rehabilitation. In Bailey Otolaryngology, Head and Neck Surgery, Fifth Edition. Editors: Johnson JT and Rosen CA. p. 2733-2746, 2014.

Whitney SL, Furman JM. Vestibular and balance rehabilitation. In Ballenger's Otorhinolaryngology Head and Neck Surgery. Volume 1, Eighteenth edition (Wackym & Snow), Peoples Medical Publishing House, p.383-390, 2017

Hoppes C, Whitney SL, Klatt B. ebook chapter. IV STEP case video. A 60 year old man with vestibular dysfunction post cerebellar stroke. Fall, 2017. <http://www.ivstepebook.com/>

Gottshall K, Whitney SL. Vestibular rehabilitation for persons post mTBI. In Hoffer and Balaban, under review.

### **Books**

Furman JM, Cass SP, Whitney SL. Vestibular disorders. A case-study approach to diagnosis and treatment, 3<sup>rd</sup> edition. Oxford Press, 2010

### **Contributions to the Review Process**

Ad Hoc NIH NIDCD reviewer, October, 2012

Reviewer, Journal of Bioengineering & Biomedical Science, 2011

Abstract Reviewer, Restoring or Augmenting Impaired Sensory (Vestibular) Function for Posture and Gait," at the 33<sup>rd</sup> Annual International IEEE EMBS Conference, 2011

Reviewer, Neurorehabilitation and neural repair, 2011-present

Reviewer, Otology and Neurotology, 2011

Reviewer, American Journal of Physical Medicine and Rehabilitation, 2011

Reviewer, Journal of Neurology, Neurosurgery, and Psychiatry—2010- present

Reviewer, Journal of the American Head and Neck Surgery Journal, 2011

Reviewer, HRB Research Training Fellowships for Healthcare Professionals, Ireland, 2010

Reviewer, Laryngoscope 2009-present

Reviewer, Virtual Rehabilitation 2009 International Conference

Physiotherapy Theory and Practice, 2007-2008

Reviewer, Public Health Nursing, 2007

Ad hoc NIH review panel (NIDCD- R03), March 9, 2007

Reviewer, Journal of Gerontology, 2007

Reviewer, Multiple Sclerosis, 2006

Reviewer, Experimental Brain Research, 2006- present

Reviewer, United States-Israel Binational Science Foundation, June 2006 and February 2008

NIDCD Special Emphasis meeting, "Translational Research" February 23, 2006

Reviewer, Clinical Neurophysiology, 2006

Reviewer, International Journal of Audiology, 2005-present

Journal of NeuroEngineering and Rehabilitation, 2004-present

NIH Sensorimotor Integration Study Section Review Panel, June 2004

Posture and Gait, 2004, 2006- present

Reviewer, Neurology Report, 2003-present

Reviewer, Archives of Physical Medicine and Rehabilitation, 2001-present

Reviewer, Journal of Vestibular Research, 2000-present  
Editorial Board member, Journal of Vestibular Research, 2008-present  
Reviewer, Athletic Training, 2000-present  
Editorial Board member, Physical Therapy Case Reports, 1998-2000  
Reviewer, Physical Therapy, 1997-present  
Reviewer, Journal of Orthopedic and Sports Physical Therapy, 1991-1999 and 2004-present

### **Guest Editor**

The history of physical therapy education, Guest Editor, (10 contributing authors) 17(3):2, 2003 (Guest Editorial)  
The evaluation and treatment of the person with dizziness, Co-guest editor with Joseph M. Furman, Neurologic Clinics of North America, (12 contributing authors), August, 2005  
Associate editor with Dr. Michael Schubert, Journal of Neurologic Physical Therapy Vestibular Special Issue, June, 2010.

### **Membership in Scientific/Professional/Honorary Societies**

Member, Pennsylvania Physical Therapy Association, 1975 to present  
Member, National Athletic Trainers Association, 1979 to present  
Member, Sports Physical Therapy Section of the American Physical Therapy Association, 1979 to 2000  
Member, American College of Sports Medicine, 1984 to 1999  
Member, Pittsburgh Orthopedic Study Group 1980 to 1984  
Member, Neurology Section of the American Physical Therapy Association, 1990-present  
Member, Research Section of the American Physical Therapy Association, 1991 - present  
Member, Geriatric Section of the American Physical Therapy Association, 1996-present  
Member, Association for Research in Otolaryngology, 1998-present  
Associate Member, American Academy of Head and Neck Surgery, 2001-2012  
Member, Barany Society, 2006 to present  
Member, Association for Research Patient Advocacy Group Committee, 2006- 2010

### **Elected Positions Held in Scientific/Professional/Honorary Societies:**

Delegate to the National Convention, American Physical Therapy Association, June 1978  
(Southeast District), 1979 (Southeast District), 1982 (Southwest District), 1991 (Southwest District), 1993  
(Southwest District), 1994 (Southwest District), 1996 (Southwest District). 1997 (Southwest District), 2000,  
2001, 2002, 2004-2008, and 2008-2013.

Treasurer, Southwestern District, Pennsylvania Physical Therapy Association, 1982 to 1984

Member, Nominations Committee, Southwest District, Pennsylvania Physical Therapy Association, 1990-  
1993

Chairperson, Nominating Committee, Southwest District, Pennsylvania Physical Therapy Association, 1992-  
1993

Chair, Neurology Special Interest Group, Penna Physical Therapy Association, 1994-1999

Neurology Section of the American Physical Therapy Association Vice President, 1994-1998

Neurology Section of the American Physical Therapy Association, President Elect, 1997-1998

Neurology Section of the American Physical Therapy Association, President, 1998-2000

Chief Delegate, Pennsylvania Physical Therapy Association, 2000-2003.

Chair, Vestibular Special Interest Group, Neurology Section, 2008-2011 and 2011-2013

Course Coordinator, Advanced Vestibular Course, Neurology Section, American Physical Therapy Association 2010-2013

Member, APTA Board of Directors, 2013-present

#### **State Board of Physical Therapy**

Member, appointed by Governor Edward Rendell (Fall, 2007)

Secretary, 2008-2011

Chair, 2011-2016

#### **Graduation Addresses**

East Carolina University, 1999

Butler County Community College, 1999

#### **Invited Lectures**

The first Patricia Leahy Lecture, University of the Health Sciences, Philadelphia, September 21, 2000.

Research Symposium Keynote speaker: Evidence in Practice: How can we all help. Findley University, Findley, Ohio (April, 2004)

An Update on BPPV. University of British Columbia, Vancouver, BC, Canada (November, 2004)

Evidence Based Medicine in Vestibular Physical Therapy, University of British Columbia, Vancouver, BC, Canada (August, 2006)

Cleveland State University, Prestige Speaker, October 25, 2010.

Delaware Tech, 14<sup>th</sup> annual distinguished lecture series, October 15, 2011.

University of Minnesota, 14<sup>th</sup> annual Jack Allison Lectureship, November 2, 2013

Whitney SL. Concussion update. UMNDJ Ellen Ross Memorial Lecture. April 27, 2015

University of Wisconsin-Madison's Visiting Lecturer, September 18-19, 2015

University of the Health Sciences, 16<sup>th</sup> Patricia Leahy Lecture, Advances in vestibular rehabilitation. October 15, 2015

**Appointed Positions Held in Scientific/Professional/Honorary Societies:**

Chairperson, Continuing Education Committee, Southeastern District, Pennsylvania Physical Therapy Association, 1978 to 1979

Member, Southwestern District Education Committee, Pennsylvania Physical Therapy Association, 1981 to 1983

Member, Registration Committee for the Pennsylvania State Meeting, Seven Springs, Pennsylvania, January 1982

Coordinator for the Sports Physical Therapy Specialty Examination Questions for the Pittsburgh Area, 1983  
Manpower Chairperson for the Southwestern District, Pennsylvania Physical Therapy Association, 1983 (six months)

Member, Pennsylvania State Physical Therapy Public Laws Committee, 1987 to 1993

Co-chair of the Faculty Network in Pennsylvania, 1990-1996

Liaison to State Representative Richard Cessar for the Pennsylvania Physical Therapy Association, 1991-1994

Member, Research Section of the American Physical Therapy Association History Committee, 1991-1995

Membership Chairman of the Neurology Section of the American Physical Therapy Association, 1993-1994

Chair, Southwest District PPTA Archives, 1992-1995

Member, Southwest District Task Force on Physical Therapy Aides, 1993

Member of the Advisory Board of the Butler County Community College Physical Therapist Assistant Program, 1993-1997

Chair, Southwest District PPTA Education Committee, 1993-1997

Member, Pennsylvania Physical Therapy Association Continuing Education Committee, 1993-1996

Chair, Pennsylvania Physical Therapy Association History Committee, 1994-1996

Roundtable Discussant, Combined Sections Meeting for the Neurology Section, February 16, 1996

Member, American Physical Therapy Association History Committee, 1996-1999

Chair, American Physical Therapy Association History Committee, 1998-1999

Chair, Political Action Committee, Southwestern District, 1997-2000

Chair, Fund raising campaign for the Neurology Section Adopt-a-Doc awards, 2001-2003

III Step Program Committee, Neurology Section, 2002-2005

Historian, Neurology Section, 2003-2005

Member, APTA Awards Research Subcommittee, 2004-2008

Member, Neurology Section Awards Committee, 2004-2008  
Member, Committee for Patient Advocacy Group Relations of ARO, 2006-2009  
Member, American Physical Therapy Association, Task Force on Competencies, 2008  
Member, Task force on Common Procedural Terminology, APTA, 2009  
Member, WCPT Neurological Special Interest Group team (6 members from around the globe, 2009-present)  
Member, Task for the Neurology Section Research Strategic Planning Committee, 2011  
Member, Task force related to the Coursework Tool Guidelines, Federation of State Boards of Physical Therapy, 2011-2012  
FSBPT Foreign Educated Standards Committee, 2012-2013

**Consultative and Advisory Positions Held:**

Director of Physical Therapy at the Raymond Jordan Center for Balance Disorders  
University of Pittsburgh Medical Center, 1986 to 1990

Consultant for the Pittsburgh Medicare Review Nurses, May 20, 1989

Manager of Physical Therapy at Eye and Ear Institute, 1990 to 1993

Research Health Scientist, VA Medical Center, Highland Drive, Pittsburgh, PA, 1993-1995

Director, Vestibular Rehabilitation Program, Raymond E. Jordan Balance Lab, Center for Rehab Services, 1996-2002

Empira Health System, Minneapolis, MN, April-May, 2003 (consulted with 35 long term care, assisted living, and independent living facilities in their health care consortium).

Physical Therapy Expert Work Group Phase II, Quality Insights of Pennsylvania Group Chairperson, 2007-2008 (developed physical therapy PQRI quality indicators).

BPPV Guideline Development Task Team, American Academy of Otolaryngology, Head and Neck Surgeons, 2007-2008. (member)

NIH Toolbox, Vestibular/Balance committee, 2007-2008. (member)

Technical Expert Panel for Centers for Medicare Services (member), 2010

Expert Panel member of the Dizziness/Migrainous Vertigo Focus Group (CHEERS task force), AAO-HNSF, 2009.

Chiropractic Expert Work Group, Quality Insights of Pennsylvania Group member, 2010 to present (PQRI measure evaluation)

Invited member, ICF Vertigo consensus conference, Munich, Germany, May 10-12, 2012.

### **Community Activities:**

Activities Director for Cub Scout Pack 560 1995-1998  
Member of the Strategic Planning Committee Subgroup, Shaler Area School District, 1995  
Typist for the Shaler Soccer Club, 1994-1995  
Assistant Soccer Coach-1992-1993  
Volunteer at the Shaler Community Library, 1992  
Staff Physical Therapist at the University of Pittsburgh Medical Center, 1990-1998  
Hand in Hand Festival Physical Therapy Advisor 1987, 1988, 1990  
CCD co-instructor, St Bonnaventure Parish, 1996-1999  
Volunteer, Bethlehem Haven Shelter, 1996-1997 and 1989-1991  
Assistant Scoutmaster, Troop 560, 1997-2000  
Parent Advisory Committee for the Ports of Discovery Center, Carnegie Science Center, 1996-2000  
Scoutmaster, Troop 560, BSA, 2000-2002  
Assistant Scoutmaster, 2003-2006  
Member, ALS Board of Directors, 2002-2010  
Adult Advisory Board, St. Bonnaventure Youth Group, 2002-2005  
ALS Patient Services Committee Chair, 2003-2010  
Secretary, Shaler Area High School Parent Teacher Association, 2003-2005  
Chair, After Prom gift solicitation, Shaler Area High School, 2004  
Vice President, Shaler Area High School Parent Teacher Association, 2005-2006

### **Scientific and Professional Presentations**

Whitney SL. "Women in Sports: It's a Whole New Game". St. Margaret Memorial Hospital Sports Medicine Center, December 28, 1983.

Rogers V, Nirsch R, Whitney SL: "Development of Motor Coordination Skills Related to Tooth brushing-A Training Manual for Physical Therapists", Seventh Congress of the International Association of Dentistry for the Handicapped, Amsterdam, the Netherlands, September, 1984.

Whitney SL: "Influences of Verbal versus Kinesthetic Feedback on Accuracy in Subjects with Left Hemiplegia, Pennsylvania Physical Therapy Association Annual Conference, November 1985.

Poole JL, Whitney SL: "Comparison of the Fugl-Meyer Assessment Form and the Motor Assessment Form", Annual American Physical Therapy Association Meeting (Chicago), June 1986.

Whitney SL, Gallagher JD: "Strength Testing of Five to Seven Year Old Children" (Research Presentation) EDA-AAHPERD Convention, (Philadelphia), 1988.

Furman JM, Kamerer D, Whitney SL: "Vestibular Rehabilitation Therapy." American Academy of Otolaryngology, Head and Neck National Conference, (New Orleans) 1989.

Poole JL, Whitney SL: "Use of Inflatable Air Splints as an Adjunct to Treatment of Hemiplegia", American Occupational Therapy Association Meeting (Baltimore) 1989.

Whitney SL, Blatchly C, Furman JM: An Integrated Approach to Vestibular Rehabilitation, Annual American Physical Therapy Association Meeting, (Nashville), 1989.

Whitney SL, McMahon L, Burdett R: Reliability of Hand Held Dynamometry at Three Different Lever Arms, Annual American Physical Therapy Association Meeting (Nashville) 1989.

Whitney SL: Vestibular Rehabilitation at the University of Pittsburgh School of Medicine and Department of Otolaryngology Mini-Seminar Otology Update, May 18, 1990

Beach ML, Whitney SL, Dickoff SA: "The correlation between shoulder flexibility, external/internal rotation, abduction/adduction strength and endurance ratios to shoulder pain in competitive swimmers. Annual Pennsylvania Physical Therapy Association, November 1990.

Whitney SL: "Vestibular Rehabilitation for the Worker with Dizziness" American College of Occupational Medicine State of the Art Conference (Pittsburgh) October, 1990.

Kamerer D, Furman JM, Whitney SL: "Vestibular Rehabilitation Therapy." American Academy of Otolaryngology, Head and Neck National Conference, (San Diego), 1990.

Billek B, Whitney SL, Furman JM, Potter C: "Objective Measurement of Postural Stability", American Physical Therapy Association Meeting (Anaheim), 1990.

Poole JL, Whitney SL: "Quantitative Assessment of Motor Control in Hemiplegic Patients", American Occupational Therapy Association Meeting (New Orleans), 1990.

Nashner L, Whitney SL: "Automatic and Volitional Postural Control: Theoretical Basis and Clinical Applications", Massachusetts Chapter Meeting, October 25-27, 1991.

Whitney SL: "Vestibular Rehabilitation" at the University of Michigan Medical School, Ann Arbor, Michigan (October 24, 1991)

Whitney SL, Raasch-Mason P: "Quantitative Assessment of Motor Control in Hemiplegic Patients, (90 minute presentation) APTA Annual Conference (Boston), 1991.

Beach ML, Whitney SL, Dickoff S: The correlation of internal-external strength ratio and shoulder flexibility to "Swimmers Shoulder" APTA Combined Sections Meeting (Orlando), 1991.

Billek-Sawhney BJ, Whitney SL, Sawhney R, Furman JM, Potter C: The assessment of static balance APTA Combined Section Meeting (Orlando), 1991.

Billek-Sawhney BJ, Whitney SL, Sawhney R, Furman JM, Potter C: Postural stability related to ankle dorsiflexion. APTA Combined Sections Meeting (Orlando), 1991.

Blatchly CA, Whitney SL, Furman JM: Subjective measures of dizziness and objective measures of balance: Is there a relationship? APTA Combined Section Meeting (Orlando) 1991.

Blatchly CA, Whitney SL, Furman JM. "The relationship between measures of dizziness and measures of balance", Thirteenth Annual Allied Health Research Forum, Chicago, Ill, April 9, 1991.

Lin YH, Whitney SL: The effect of ankle taping on isometric contraction of the peroneus longus. APTA Combined Section Meeting (Orlando) 1991.

Wang SS, Whitney SL, Burdett RG: Lower extremity muscular flexibility in long distance runners. APTA Combined Section Meeting (Orlando), 1991.

Beichner DM, Gentile PA, Irrgang JJ, Kamkar A, Pezullo DJ, Whitney SL: "Reliability of Girth Measurements of the Lower Extremity" (Poster Presentation) presented at the American Physical Therapy Association Meeting in Denver, Colorado, June, 1992

Whitney SL, Borello-France D: "Treatment of the Patient with Peripheral Vestibular Disease" (90 minute presentation), American Physical Therapy Association Meeting in Denver, Colorado, June, 1992

Whitney SL, Bates R: "Preserving Our Past: An Overview of How to Perform Historical Research" (90 minute presentation), American Physical Therapy Association Meeting in Denver, Colorado, June, 1992

Whitney SL: "Vestibular Rehabilitation" at the University of Michigan Medical School, Ann Arbor, Michigan (May 12-14, 1992)

Whitney SL, Raasch-Mason P: "Quantitative Assessment of Motor Control in Hemiplegic Patients" Life After Stroke Conference, St. Louis, MO, May 1, 1992

Hu HS, Whitney SL, Irrgang J, Jansoky J: "Test-Retest of the One-Legged Vertical Jump Test and the One-Legged Standing Hop Test", (Poster Presentation), Combined Sections Meeting, San Francisco, Calif, February 9, 1992

Whitney SL. "Differences between the B.S. program and the new MPT program at the University of Pittsburgh: How prepared are graduates for direct access?" PPTA Fall Meeting, November, 1993.

Whitney S.L "Vestibular Rehabilitation" at the University of Pennsylvania Hospital Grand Rounds, November 12, 1993.

Whitney, SL. "Clinical Measures of Balance" Southwest District of the PPTA, September 12, 1993.

Whitney SL, Gallagher J, Redfern M: "Test-Retest Reliability of Five Year Old Children on a Moving Posture Platform", (Poster Presentation), Presented at the American Physical Therapy Association Annual Meeting, June, 1993

Gentile, P, Irrgang J, Whitney SL: "Reliability of Functional Performance Tests Designed to Identify Deficits in Anterior Cruciate-Deficient Athletes" (Poster Presentation), Presented at the American Physical Therapy Association Annual Meeting, June, 1993

Walsh M, Whitney SL, France D: "Intra-subject Variability During the Single Leg Stance Test" (Poster Presentation), Presented at the American Physical Therapy Association Annual Meeting, June, 1993

Whitney SL, Kolb M, Pascasio A, Burdett R: "The History of the D. T. Watson Educational Program" (Poster Presentation), Presented at the American Physical Therapy Association Annual Meeting, June, 1993

Whitney SL, Scully R, Burdett R: "The History of the University of Pittsburgh Physical Therapy Educational Program" Presented at the American Physical Therapy Association Annual Meeting, June, 1993

Whitney SL, France D: Objective Measures of Balance: What's New? (90 Minute Presentation) Presented at the American Physical Therapy Association Annual Meeting, June, 1993

Pezullo D, Whitney SL, Irrgang J: "A Comparison of Vertical Jump Enhancement Using Plyometrics and Strength Footwear Shoes Versus Plyometrics Alone" (Poster Presentation) Presented at the Combined Section Meeting of the American Physical Therapy Association, February 1993

Johnson N, Whitney SL: "Networking in Pennsylvania: How it works". (Poster Presentation) Presented at the Combined Section Meeting of the American Physical Therapy Association, February, 1993

Whitney SL "Objective Tools to Assess Balance in the Elderly: What is Best for my Practice?" at the Pennsylvania Physical Therapy Association Meeting, Philadelphia, PA November 5-6, 1994.

Whitney SL, "Clinical and High Tech Alternatives to Assessing Postural Sway in Athletes" at the National Athletic Trainers Association Meeting, Dallas, Texas June 11, 1994.

Whitney SL, Redfern M, Borello-France D, Kapeluski C, Zulioski N. "Speed of Gait in Patients with Vestibular Disease and Age Matched Controls" (Poster Presentation), American Physical Therapy Association Meeting, Toronto, Canada, June 9, 1994.

Whitney SL. "Exercises for Patients who have Vestibular Disease (90 minute presentation), American Physical Therapy Association Meeting, Toronto, Canada June 8, 1994.

Miller S, Carvell G, Simons D, Robinson C, Whitney SL. "The Relationship of Vibrissal Motor Cortex Unit Activity and Whisking in the Awake Behaving Rat" (Platform Presentation) Presented at the National American Physical Therapy Association Meeting, Toronto, Canada, June 7, 1994.

Whitney SL. "Low Technology Assessment of Function and Predisposition to Falls in the Elderly" Presented at the Geriatric Special Interest Group Meeting, PPTA Midyear Meeting, April 29, 1994.

Whitney SL. "Group Facilitator for the Neurology Track at the PPTA Midyear Meeting", April 29, 1994.

Whitney SL, Mattocks L "Reliability of Girth Measurements on the Right and Left Extremities" (Poster Presentation) Presented at the Combined Sections Meeting, February 6, 1994.

Whitney SL. "Balance Assessment in the Elderly" North Central District of the Pennsylvania Physical Therapy Association, November 9, 1995

Wells CL, Whitney SL, Paradis IL, Manzetti JD, Rohay JM. "Relationship between the physical performance test (PPT) & 6 minute walk distance (6MWD) in patients with end stage lung disease (ESLD)", American Thoracic Society, Seattle, WA May 22, 1995.

Whitney SL "Overview of Proprioception and Application to Rehab" Pennsylvania Athletic Trainers Association, State College, PA May 19, 1995

Whitney SL, Vestibular Rehabilitation: "Therapist View of the Balance Disorder Patient and Are There Alternative Approaches (Emphasis) to Therapy" in Ann Arbor, Michigan May 19, 1995

Whitney SL "Specialization: Be the best that you can be" (Keynote address) Pennsylvania Physical Therapy Association Joint Special Interest Group Banquet, April 28, 1995

Poole J, Whitney SL "Can Balance Assessments Predict Falls in the Elderly?" at the American Occupational Therapy Meeting in Denver, CO April 9, 1995

Whitney SL "Overview of Proprioception and Kinesthetics & their Application in Rehab" at the Pennsylvania Athletic Trainers Association Meeting at Penn State May 20, 1995

Whitney SL "Balance Assessment and Treatment" at the Oklahoma State Chapter Meeting in Tulsa, OK April 1-2, 1995

Whitney SL, "Neurologic Practice Issues Forum" (Leader of the Panel) at the Combined Sections Meeting in Reno, NV February 12, 1995

Carvell G, Whitney SL "Symposium and Forum on Neurologic Educational Models in Physical Therapy Programs" at the Combined Sections Meeting in Reno, NV, February 10, 1995

Mann G, Whitney SL, Redfern M, Borello-France D, Furman J "Functional Reach and Single Leg Stance in Patients with Peripheral Vestibular Disorders" at the Combined Sections Meeting in Reno, NV February 11, 1995

Whitney SL, Borger L, Redfern M, Furman J "Correlation of Three Assessment Tools for Patients with Peripheral Vestibular Pathology" (Poster Presentation) at the Combined Sections Meeting in Reno, NV February 11, 1995

Whitney SL, Redfern M, Furman J. "The relationship between the Physical Performance Test and gait speed in healthy older adults" (Platform presentation), Physical Therapy 96 (June), Minneapolis, Minn

Whitney SL. "Using a pro-con debate format to teach current professional issues", (Platform presentation), Physical Therapy 96 (June), Minneapolis, Minn

Whitney SL. "The Elderly: How can we identify and prevent people from falling?" Washington State Physical Therapy Association Meeting, April 27-28, 1996 in Seattle, Washington

Whitney SL. "Balance: Functional Assessment and Treatment, West Virginia Physical Therapy Association Meeting, March 23, 1996 in Clarksburg, WV

Whitney SL (Invited Speaker), Clinical Management of Vestibular Disorders (February 29-March 2, 1996) Miami, Florida

Wells CL, Whitney SL, Paradis I, Manzetti JD "Comparing the Physical Performance Test (PPT) and the Sickness Impact Profile (SIP) in patients with the end-stage lung disease awaiting transplantation" at the Combined Sections Meeting, Atlanta, Georgia February 16, 1996 (Platform presentation)

Jacob R, Whitney SL, Shostak G. "Vestibular rehabilitation in agoraphobic patients with vestibular dysfunction". Presented at 'Interface of Brain Disorders and Anxiety: An Integrated View', sponsored by the NIDCD, NIMH, ORD/NIH, Washington, DC (Sept 16, 1997)

Mucha A, Whitney SL, Duncan P, Cox R, Yee J, Radcliff G. "Predictive classification in stroke rehabilitation: Development of an instrument" Physical Therapy 97, San Diego, Calif (June 1, 1997).

Asher AM, Dunham T, Herdman S, Whitney SL. "A case conference on an older person with vestibular dysfunction" an invited presentation, San Diego's Physical Therapy 97 (June 3, 1997)

Whitney SL. TBI Rehab-Pediatric and adult physical therapy issues in community settings and vestibular issues with brain injury presented at the Brain Injury Association of Florida, Inc. (invited presentation) April 11-12, 1997

Whitney SL. Reducing the Risk of Falling in Older Adults. An invited presentation at the Oregon Physical Therapy Association, March 8-9, 1997

Whitney SL, Boninger M, Redfern M, Robinson C “Quiet standing in older adult fallers and non-fallers while wearing two different ankle supports”. Accepted for platform presentation by the Geriatric Section for the Combined Section Meeting, Feb, 1997

C. Wells, Whitney SL, Dauber JH, Manzetti JD, Zullo TG. “Can pulmonary function test and arterial blood gas studies be used to predict tolerance to activities of daily living?” Poster presentation for the Cardiopulmonary Section of the APTA, Feb, 1997

Gill-Body K, Whitney SL. Vestibular Rehabilitation. Combined Chapter meeting (Vermont, Maine, and New Hampshire), Nov 14-15, 1998

Whitney SL. Vestibular Rehabilitation for the Nurse: What you need to know. American Head and Neck meeting for Otology Nursing. Sept 30, 1998

Whitney SL, Walsh MK. Case Studies of Persons with Vestibular Disorders. PT 98. Orlando, Florida (3 hour presentation), June 6, 1998

Black J, Whitney SL. “Falls assessment” at the Clinical Update in Geriatric Medicine, Pittsburgh PA, April 17, 1998

Whitney SL. Walsh MK, Pieffer MD, Furman J. “Concurrent validity of the Berg Balance Scale and the Dynamic Gait Index in people with vestibular dysfunction” (Poster) Combined Sections Meeting, Boston, February 14, 1998

Whitney SL. When to refer to Vestibular Rehabilitation. Pa. Academy of Otolaryngology Head and Neck Nursing meeting, Hershey, PA (June 18, 1999)

Powers K, Whitney SL. Identification of falls in the elderly. Pennsylvania, Ohio, and West Virginia Gerontology meeting, April 16, 1999 (Pittsburgh, PA)

Whitney SL. Vestibular rehabilitation. West Virginia Chapter meeting (March 27-28, 1999)

Whitney SL, Hudak M, Marchetti G. The association between observed gait instability and fall history in people with vestibular disease. (Poster presentation) American Research in Otolaryngology Meeting, Feb 17, 1999

Whitney SL. Screening for Vestibular Disorders. Southwestern District of the Pennsylvania Physical Therapy Association. February 9, 1999 (1 hour)

Butler B, Whitney SL, Mercer S, Janosky JE. Relating life events, LBP disability, and Waddell signs/symptoms. (Poster Presentation) Combined Sections meeting, Seattle, WA Feb 6, 1999

Wells CL, Dauber DH, Manzetti JD, Rubenstein EN, Whitney SL. Clinical considerations when using the six minute walk distance test (6MWD) to evaluate lung transplant candidates. (Platform presentation) Combined Sections meeting, Seattle, WA Feb 6, 1999

Herdman S, Whitney SL, Denham T, Asher A, Seager M. Use of habituation exercises in vestibular rehabilitation. Vestibular Special Interest Panel Presentation, Seattle, WA Feb 6, 1999

Whitney SL, Hudak ML, Marchetti G. The Activities-specific Balance confidence scale and the Dizziness Handicap Scale: A comparison (Poster presentation) Combined Sections meeting, Seattle, WA Feb 6, 1999.

Whitney SL. Vestibular Rehabilitation. Otolaryngology Grand Rounds. University of Pittsburgh, Jan 6, 1999

Whitney SL. International Congress on Vestibular Rehabilitation. Antwerp, Belgium. December 15-16, 2000

Whitney SL, Wrisley DM. Evaluation and treatment of vestibular disorders. Tidewater Physical Therapy Association and Riverside Health Care System, October 21-22, 2000.

Furman JM, Whitney SL. Update on vestibular disorders. Western PA Rehab Managers meeting. October 13<sup>th</sup>, 2000

Whitney SL. Living with ALS Symposium. Physical therapy management of the person with ALS. September 16, 2000.

Butler BK, Whitney SL. Do high stress levels influence functional low back pain outcomes? AAOMPT Conference, poster presentation (October, 2000)

Whitney SL. Managing Patients with Cervical Spine Dysfunction: An Introduction to a Classification System, May 20, 2000 (2-hour presentation for the Southeastern District of the Pennsylvania Physical Therapy Association on cervical vertigo)

Powers K, Whitney SL. Identification of falls in the elderly. Pennsylvania, Ohio, and West Virginia Gerontology meeting, March 10, 2000 (Pittsburgh, PA)

Whitney SL. Balance assessment in persons with vestibular rehabilitation. Miami Vestibular Competency Course, March 16, 2000

Furman JM, Redfern MA, Whitney SL. Otolith-ocular function in older adults. Association for Research in Otolaryngology, Feb 20, 2000 (poster presentation)

Whitney SL, Wrisley D, Brown K, Furman J. Physical therapy for migraine-related vestibulopathy. Association for Research in Otolaryngology, Feb 21, 2000 (poster presentation)

Whitney SL, Wrisley DM, Gee M, Furman J, Redfern MS. Normal scores for the five times sit to stand test and gait velocity in older adults. (Accepted at the Annual PT meeting, June 2001)

Erhart R, Whitney SL, Wrisley DM. Cervicogenic dizziness: Evidence for treatment and intervention (Accepted at the Annual PT meeting as a 6-hour session for June of 2001)

Landgraff N, Whitney SL, Wrisley DM. Physical therapist accuracy of discharge placement from acute care (Poster presentation). National Stroke Association, February 16, 2001.

Whitney SL, Wrisley DM, Furman JM. Two cases of orthostatic tremor in a vestibular rehabilitation practice. Poster presentation. Combined Sections meeting, February 17, 2001.

Whitney SL, Furman JM, Redfern MS, Jacobson J, Wrisley DM, Hodges L. Virtual reality: A novel tool for rehabilitation (poster). Association for Research in Otolaryngology, February 5, 2001

Wrisley DM, Sparto P, Redfern MS, Whitney SL, Furman JM. The influence of head position on postural sway during galvanic stimulation (poster). Association for Research in Otolaryngology, February 5, 2001

Wrisley, DM, Whitney, SL, Furman JM. Vestibular Rehabilitation Outcomes in Patients with a History of Migraine (Poster), Combined Sections meeting, February 17, 2001

Brown KB, Whitney SL, Wrisley DM, Furman JM. Physical therapy outcomes for persons with bilateral vestibular disease. (Poster), Combined Sections meeting, February 17, 2001

Jacobson J, Redfern MS, Furman JM, Whitney SL, Sparto P, Lee JH, Hodges LF. Balance NAVE: A virtual reality facility for research and rehabilitation of balance disorders. Medicine meets virtual reality (poster) Jan 24, 2001.

Whitney SL. Balance and Falls Update. (1-hour update) Combined Sections meeting. February 15, 2001.

Whitney SL, Wrisley DM, Redfern MS, Furman JM. Functional reach in older adults with and without vestibular dysfunction. International Gait and Posture Meeting, Belgium (June 2001).

Whitney SL, Wrisley DM, Gee M, Furman J, Redfern MS. Normal scores for the five times sit to stand test and gait velocity in older adults. Annual PT meeting (Platform presentation) June 2001.

Whitney SL, Sparto PJ, Brown K, Furman JM, Redfern MS. Postural control responses during virtual reality exposure in persons with and without unilateral vestibular dysfunction. Association for Research in Otolaryngology, (Platform presentation), January, 2002

Whitney SL, Wrisley DM, Furman JM. The effect of age on vestibular rehabilitation outcomes. Association for Research in Otolaryngology, (Platform presentation), January, 2002.

Unico J, Whitney SL, Marion DW, Wrisley DM. The effect of early sitting on persons with acute brain injuries. Annual Neurosurgical meeting, (Poster), November 10, 2001.

Whitney SL, PT/OT Updates for Nurses. National Stroke Association meeting pre-instructional course. Stroke Care The Nursing Challenge August 15, 2001 (San Diego).

Whitney SL. Rehabilitation efficacy for persons with migraine related vestibulopathy and panic disorder with dizziness. Society of Otorhinolaryngology and Head-Neck Nurses, (Philadelphia) June 29, 2001.

Whitney SL. Vestibular Rehabilitation Update, Williamsport, PA,(10 hours) September 15-16, 2001.

Whitney SL. Balance and Falls Rehabilitation. Iowa Chapter Physical Therapy meeting, October 12-13, 2001.

Whitney SL. Falls prevention and intervention, Missouri Physical Therapy Chapter meeting and the Geriatric Section of the APTA, October 20-21, 2001.

Whitney SL. Vestibular Rehabilitation, New York Medical Center, November 2-3, 2001.

Whitney SL, Sparto P, Brown KE, Furman JM, Redfern MS. The use of virtual reality in balance rehabilitation. Combined Sections meeting. Boston, February 20, 2002.

Whitney SL, Wrisley DM. Youngstown State University, Vestibular Rehabilitation, February 26, 2002.

Whitney SL. Balance update with vestibular disorders. Vestibular Rehabilitation competency course. March 13-14, 2002.

Whitney SL. Vestibular Rehabilitation course (Husson College in Bangor Maine) March 15-18, and 22-23, 2002.

Whitney SL. Physical therapy issues with ALS. (45 minute talk), May 4, 2002.

Whitney SL. Falls Prevention, Nebraska State Chapter meeting, May 11-12, 2002.

Whitney SL. Vestibular Rehabilitation, South Central Pennsylvania Physical Therapy meeting (1 hour), May 20, 2002.

Whitney SL, Marchetti GM, Wrisley DM, Schaade A. The timed "Up & Go" and its relationship to reported falls in persons with vestibular disorders. Barany Society Meeting, Seattle, WA September 30, 2002.

Schaade A, Whitney SL, Marchetti GM. The relationship between falls reports, vestibular test findings, and the Sensory Organization Test of Computerized Dynamic Posturography. Barany Society Meeting, Seattle, WA September 29, 2002.

Sparto PJ, Furman JM, Jacobson JL, Whitney SL, Hodges LF, Redfern MS. The study of visually-induced postural responses using virtual environments. Barany Society Meeting, Seattle, WA September 30, 2002.

Wrisley DM, Sparto PJ, Redfern MS, Whitney SL, Furman JM. The Influence of Head Position on Postural Sway During Galvanic Vestibular Stimulation. Barany Society Meeting, Seattle, WA September 29, 2002.

Whitney SL. Physical therapy management of the person with a vestibular disorder. For Evaluation and Management of Dizziness, University of Colorado School of Medicine and ICS Medical, Chicago, IL, October 11-12, 2002.

Wrisley DM, Sparto PJ, Whitney SL, Erhard R, Redfern MS, Furman JM. Cervical-vestibular interaction in patients with cervicogenic dizziness. Association for Research in Otolaryngology, Daytona Beach, FL (poster presentation), Feb 25, 2003.

Whitney SL, Wrisley DM, Marchetti GM, Furman JM. Concurrent validity of the five times sit to stand test in persons with vestibular disorders. Association for Research in Otolaryngology, Daytona Beach, FL (poster presentation), Feb 25, 2003.

Whitney SL, Wrisley DM, Brown KE, Furman JM. Is the perception of handicap related to functional performance in persons with vestibular dysfunction? Combined Sections Meeting, Tampa, FL (Poster presentation) Feb, 15, 2003.

Wrisley DM, Marchetti GF, Kuharsky D, Whitney SL. The reliability of the vestibular gait assessment. Combined Sections Meeting, Tampa, FL (Poster presentation) Feb, 15, 2003.

Brown KE, Whitney SL, Furman JM. The influence of physical therapy intervention on individuals with central vestibular dysfunction. Association for Research in Otolaryngology, Daytona Beach, FL (poster presentation), Feb 25, 2003.

Marchetti GF, Whitney SL. Falls and falls-related injuries in older adults with vestibular dysfunction: Prevalence and description. Combined Sections Meeting, Tampa, FL (Poster presentation) Feb 15, 2003.

Letgers K, Whitney SL, Porter R, Buczek F. The relationship between the Activities-specific Balance Confidence (ABC) scale and the Dynamic Gait Index (DGI) in peripheral vestibular dysfunction. Combined Sections Meeting, Tampa, FL (Poster presentation) Feb, 15, 2003.

Whitney SL. Physical therapy for vestibular disorders. Dizziness: A multidisciplinary course. National Hospital for Neurology, Queens Square, London, England, September 27, 2003

Whitney SL. Vestibular rehabilitation. Ohio chapter meeting, October 23, 2003.

Whitney SL. Non vestibular causes of dizziness. Evaluation and Management of the Patient with Dizziness. New York University Medical Center, October 31-Nov 1, 2003.

Whitney SL. CAPTE: Developing faculty scholarship. Combined Sections Meeting, Nashville, TN, February 6, 2004. (Invited speaker)

Brown KE, Whitney SL, Wrisley DM, Marchetti GF, Furman JM. The influence of physical therapy intervention on patients with central symptoms of dizziness and imbalance. Combined Sections Meeting, Nashville, TN, February 7, 2004 (poster presentation)

Marchetti GF, Cauley JA, Furman JM, Newman A, Whitney SL, Stephen WR. Risk factors for falls and recurrent falls in older persons with signs and symptoms of vestibular dysfunction. Combined Sections Meeting, Nashville, TN, February 7, 2004 (poster presentation)

Marchetti GF, Cauley JA, Furman JM, Newman A, Whitney SL, Septhen WR. The effect of falls on quality of life in older adults with vestibular dysfunction. Combined Sections Meeting, Nashville, TN, February 7, 2004 (poster presentation)

Whitney SL, Morris LO, Sparto PJ. Test-retest reliability and concurrent validity of the Four Square Step Test in people with vestibular and balance disorders. Combined Sections Meeting, Nashville, TN, February 6, 2004 (poster presentation)

Whitney SL, Wrisley DM, Jacob RG, Furman JM. Space and motion discomfort in persons with vestibular disorders 6-months to 1-year after treatment. Combined Sections Meeting, Nashville, TN, February 7, 2004 (poster presentation)

Whitney SL. Falls identification and prevention in older adults. Oregon Physical Therapy Chapter meeting. March 13-14, 2004.

Landgraff NC, Whitney SL, Rubinstein EN, Yonas H. Cognitive and physical performance of patients with asymptomatic carotid artery disease. International Stroke Conference., February 20, 2004

Sparto PJ, Furman JM, Whitney SL, Hodges LF, Redfern MS (2004) Vestibular rehabilitation using a wide field of view virtual environment. Proceedings of the 26th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 4836-4839. IEEE Catalog # 04CH37558C

Whitney SL. An update on vestibular rehabilitation and beyond. Nebraska Chapter meeting. September 25-26, 2004.

Whitney SL. The identification of older persons at risk for falling. New York Chapter meeting, October 15, 2004.

Whitney SL. How to get a research agenda started in acute care. Combined Sections Meeting, New Orleans, Feb 2005

Whitney SL. Visual-vestibular interactions: Implications for rehabilitation. Combined Sections Meeting, New Orleans, Feb 25, 2005.

Whitney SL. Vestibular rehabilitation. British Audiological Medicine meeting. London, April 19, 2005.

Whitney SL. Vestibular Rehabilitation. JFK Johnson Rehabilitation Institute. June 17-18, 2005.

Whitney SL. Vestibular rehabilitation update. XVIII Congress of the International Federation of Oto-Rhino-Laryngological Society , Rome, Italy, June 29, 2005.

Whitney SL, Marchetti GF, Morris LO. The usefulness of the Dizziness Handicap Inventory in determining the diagnosis of benign paroxysmal positional vertigo. XVIII Congress of the International Federation of Oto-Rhino-Laryngological Society, (poster presentation) Rome, Italy, June 25-30, 2005.

Casselbrant ML, Furman JM, Mandel EM, Redfern MS, Fall PA, Kurs-Lasky M, Whitney SL, Rockette HE. The long-term effect of otitis media on the vestibular system in children. XVIII Congress of the International Federation of Oto-Rhino-Laryngological Society Platform presentation. Rome, Italy, June 25-30, 2005.

Whitney SL, Sparto PJ, Hodges LF, Babu SV, Furman JM, Redfern MS. Responses to a Virtual Reality Grocery Store in Persons with and without Vestibular Dysfunction. 4<sup>th</sup> International Workshop on Virtual Reality. California, September 21, 2005.

Whitney SL. Vestibular rehabilitation. National Hospital for Neurology and Neurosurgery, Queens Square, London, England, October 13, 2005.

Whitney SL, Sparto PJ, Redfern MS, Furman JM. Amplitude of head movement during target acquisition in an optic flow environment is reduced in persons with vestibular dysfunction. Association for Research in Otolaryngology, Baltimore, MD Feb 2006

Whitney SL. Balance and vestibular function. State-of-the-Science Workshop: Research to clinical practice for sensory impairment. Walter Reed Army Medical Center. April 21, 2006.

Whitney SL. Falls in older adults. West Virginia Chapter meeting, April 28, 2006.

Marchetti GF, Whitney SL. The DGI 5-item tool. Poster presentation at the Combined Sections Meeting, San Diego, Calif, Feb 2006

Whitney SL, Marchetti GF, Jacob RJ. Validation of Part II of the Situational Characteristics Questionnaire. Barany Meeting, Uppsala, Sweden, June 12, 2006.

Whitney SL, Marchetti GF. Space and motion discomfort in patients with vestibular disorders. Accepted platform presentation at the Annual American Physical Therapy Association meeting, June 26, 2006.

Whitney SL. Recent Advances in Vestibular Rehabilitation: The Use of Virtual Reality and Beyond. The Cleveland Clinic vestibular grand rounds. August 8, 2006.

Whitney SL. Cervicogenic dizziness and beyond in the older adult. Geriatric Special Interest Meeting, Preview 2020, Philadelphia, October 26, 2006.

Whitney SL, Sparto PJ, Cook JR, Redfern MS, Furman JM. Treadmill walking in a virtual grocery store. Association for Research in Otolaryngology. Feb, 2007. (poster)

Whitney SL, Pritchard M, Marchetti GF, Furman JM. Gaze stabilization and physical performance in vestibular dysfunction. Association for Research in Otolaryngology. Denver, CO Feb 11, 2007. (poster)

Marchetti GF, Whitney SL, Blatt PJ, Morris LO, Vance J. Temporal and spatial characteristics of gait while performing the Dynamic Gait Index in persons with and without balance and vestibular disorders. Combined Sections Meeting, Boston, Feb 2007 (Platform presentation, Neurology Section)

Whitney SL, Sparto PJ, Marchetti GF. The dizzy older adult. Combined Sections Meeting, Boston, Feb 2007 (Geriatric Section Balance and Falls Special Interest Group Program, 2 hours).

Whitney SL. BPPV: An evidenced based update for your practice. Alumni Day/Update in Otology/ENT Refresher. University of Pittsburgh Medical Center, Pittsburgh, PA, March 16, 2007.

Whitney SL. Virtual reality and vestibular rehabilitation. An advanced vestibular rehabilitation course and update. Pitt/Marquette Challenge at the University of Pittsburgh, Pittsburgh PA, March 25, 2007.

Whitney SL. Vestibular Rehabilitation: What's new?. American Association of Audiology meeting (AudiologyNOW). Invited speaker, Denver, April 19, 2007.

Pritcher MR, Whitney SL, Marchetti GF, Furman JM. Development of a Vestibulo-ocular Reflex Assessment Tool. American Association of Audiology, Denver, CO April 20, 2007 (poster)

Whitney SL, Marchetti GF, Blatt PJ, Vance JM, and Morris LO. Temporal spatial gait parameters underlying physiotherapists scoring of the 4-time Dynamic Gait Index in persons with and without vestibular disorders. World Physical Therapy 2007, Vancouver, BC, Canada, June 4, 2007 (platform).

Whitney SL, Sparto PJ, Babu SV, Hodges LF, Furman JM, Redfern MS. Perceived Anxiety in a Virtual Grocery Store in Persons with and without Vestibular Dysfunction. Cyber Psychology and Behavior, Washington, DC, June 10, 2007 (platform).

Whitney SL. Update on virtual reality in vestibular rehabilitation. Medica Conference (organized by Dr. David Zee), Scottsdale, Az, Jan 26, 2008

Whitney SL, Sparto PJ, Lacko JL, Redfern MS, Furman, JM. Relationship between clinical measures and performance in a virtual grocery store environment in persons with and without vestibular dysfunction. Association for Research in Otolaryngology, February 18, 2008, Phoenix, Az (poster).

Whitney SL. Vestibular Rehabilitation Update. Community Ear, Nose & Throat Specialists (CENTS) Meeting. March 3, 2008- 6:30 p.m.– 8:00 p.m.

Whitney SL, Vestibular Rehabilitation Parts I and II. Kuala Lumpur, Malaysia (March 13-14 and August 2-3, 2008 co-sponsored by the Malaysian Physiotherapy Association.

Whitney SL, Marchetti GF, Wrisley DM. The Functional Gait Assessment Identifies Persons with Vestibular Disorders and Decreased Balance Confidence. Barany Meeting, Kyoto, Japan, April 3, 2008 (platform presentation)

Whitney SL. Vestibular Rehabilitation. New York Chapter Physical Therapy meeting. March 28-29, 2008.

Whitney SL. Vestibular Rehabilitation. Kansas Physical Therapy Association. April 5-6, 2008.

Whitney SL. The older adult with vestibular dysfunction: Special considerations and a Medical diagnostic dilemma: A case study. Emory University, April 17 & 18, 2008

Powers K, Whitney SL. “Falls” from an Upstanding Physician, 35<sup>th</sup> Refresher Course in Family Medicine, June 5, 2008.

Whitney SL, Marchetti GF. The Measurement of Change over Time in Persons with Balance and Vestibular Disorders. June 12, 2008, 8:00 AM - 11:00 AM (APTA annual conference presentation)

Whitney SL, Sparto PJ, Redfern MS, Furman JM. The use of a virtual reality grocery store in the treatment of persons with vestibular disorders. International Society of Electrophysiology and Kinesiology. Invited symposia speaker, June 21, 2008.

Whitney SL. The use of virtual reality for vestibular disorders. 30<sup>th</sup> IEEE EMBS Annual International Conference symposia on Technology in Rehabilitation, Vancouver BC, August 24, 2008.

Whitney SL. Balance and Vestibular dysfunction in Older Adults (invited speaker). Preview 2020. October 31-November 2, 2008.

Marchetti GF, Whitney SL. Responsiveness of clinical measures of balance, gait and self-reported disability to rehabilitation in persons with vestibular system disorders. Combined Sections Meeting, Las Vegas, NV, poster presentation.

Mohammad M, Whitney SL, Sparto PJ, Redfern MS, Furman JM. Improvement of gaze stabilization test scores in patients with vestibular disorders following vestibular physical therapy using a virtual reality grocery store. Combined Sections Meeting, Las Vegas, NV, Feb 2009, poster presentation.

Whitney SL, Talmon L. The use of Webinars to educate persons living with ALS. ALSA national meeting, Calif Jan 21 2009 (platform presentation)

Whitney SL, Marchetti GF, Casselbrant ML, Mandel EM, Kurs-Lasky M, Furman JM. The relationship of the Peabody Developmental Motor Scale to Sensory Organization Test scores in 4-6 year old children. APTA 2009 in Baltimore, MD.

Marchetti GF, Whitney SL, Furman JM, Jacob RJ. Discriminative Properties of the Situational Characteristic Questionnaire. Association for Research in Otolaryngology meeting, Baltimore, MD Feb, 2009.

Ward BK, Mohammed M, Whitney SL, Furman JM. The Reliability, Stability, and Concurrent Validity of a Test of Gaze Stabilization. Association for Research in Otolaryngology meeting, Baltimore, MD Feb, 2009.

Whitney SL, Sparto PJ, Mohammad M, Alahmari K, Redfern MS, Furman JM. Clinical Outcomes after Virtual Reality Training in Persons with and without Unilateral Vestibular Dysfunction. Association for Research in Otolaryngology meeting, Baltimore, MD Feb, 2009.

Mohammad M, Whitney SL, Ward BK, Marchetti GF, Furman JM. The reliability and stability of dynamic testing of the vestibule-ocular reflex in patients with vestibular disease. Association for Research in Otolaryngology meeting, Baltimore, MD Feb, 2009.

Whitney SL. Computerized dynamic posturography, Advanced vestibular rehabilitation, and the dizzy older adult and update. Department of Neuro-otology, The National Hospital for Neurology and Neurosurgery, Queen Square, England, March 11-13, 2009.

Whitney SL. Interpretation of fall risk tools and recent advances in fall risk reduction. Southwest District of the PTPA, First Mini-Combined Sections meeting, March 14, 2009.

Whitney SL. An update on BPPV and vestibular rehabilitation trials. Pittsburgh Audiologic meeting, April 15, 2009.

Judge J, Grace E, Skudlarska BA, Whitney SL. Common clinical challenges in caring for elderly patients: Dizziness, vertigo and falls. Internal Medicine 2009-2011 (American College of Physicians)

Philadelphia, Toronto, San Diego, and in 2012 in New Orleans.

Whitney SL. Interventions for falls and BPPV. American Physical Therapy Association, Baltimore, MD June 2009 (16 hours).

Lin CC, Steed DP, Marchetti GF, Musolino MC, Redfern MS, Whitney SL. The use of an accelerometer to determine vestibulospinal function: The NIH Toolbox Project. American Biomechanics meeting, Aug 2009.

Whitney SL. A vestibular rehabilitation trials update. Politizer Society invited focus presentation. September 4, 2009 (London, UK)

Whitney SL. Dizziness for the Physician. September 7-8, 2009, Newcastle, UK

Whitney SL. Customized vestibular rehabilitation and the use of outcome measures. (Keynote lecture) British Audiological Society Meeting. September 10, 2009 (London, UK)

Whitney SL. BPPV Evaluation and treatment pre-instructional course and virtual reality for vestibular rehabilitation. XVIII Brazilian Physical Therapy Congress. Rio de Janeiro, Brazil, October 14-16, 2009.

Whitney SL. Invited speaker. First International vestibular and otoneurological course. Rio de Janeiro, Brazil, October 12, 2009 (~5 hours).

Whitney SL. New advances in balance and vestibular rehabilitation. Montivideo, Uruguay, October 19, 2009.

Mohammad M, Whitney SL, Sparto PJ, Jennings R, Furman JM. Motor and perceptual inhibition in patients with vestibular disorders. (poster) Association for Research in Otolaryngology, Anaheim, CA, Feb 2010.

Whitney SL, Redfern MS, Lin CC, Roche J, Steed D, Marchetti GF, Furman G, Mussalino M. Accelerometry as a measure of vestibulospinal function: Test-retest reliability and relationship to computerized dynamic posturography. (poster) Association for Research in Otolaryngology, Anaheim, CA, Feb 2010

Landgraff N, Whitney SL, Kerns GJ, Yonas H. Cognitive and Physical Performance in Patients with Asymptomatic Carotid Artery Disease. Combined Sections Meeting, San Diego (poster), Feb 2010.

Mohammad M, Sparto PJ, Whitney SL. Subjective visual vertical after vestibular physical therapy intervention. Combined Sections Meeting, San Diego (poster), Feb 2010.

Lin CC, Marchetti GF, Whitney SL. Responsiveness and minimal clinically important difference for the Dynamic Gait Index and Functional Gait Assessment in measuring gait performance in patients with

balance and vestibular disorders. Combined Sections Meeting, poster, (platform presentation), Feb 2010.

Alghwiri A, Marchetti GF, Whitney SL. Content comparison of vestibular rehabilitation quality of life measures based on the International Classification of Functioning, Disability and Health (ICF). Combined Sections Meeting, San Diego (poster), Feb 2010.

Whitney SL. How to be a change agent for your practice- knowing what your services are worth. NCS Breakfast speaker. Combined Sections Meeting, San Diego, Feb 2010.

Rine RM, Schubert M, Whitney SL, Gershon R. An update on the NIH Toolbox project. Combined Sections Meeting, San Diego, Feb 2010 (3.5 hour presentation).

Guskiewicz K, Cantu R, Whitney SL. Concussion and Mild Traumatic Head Injury: Update 2010. Multi-section program presentation. Combined Sections Meeting, San Diego, Feb 2010.

Alsalaheen B, Sparto PJ, Whitney SL, Collins M, Furman JM. Vestibular rehabilitation outcomes after concussion in children. Combined Sections Meeting, San Diego (poster), Feb 2011.

Alahmari K, Whitney SL, Sparto PJ, Furman JM, Redfern MS. Vestibular rehabilitation for persons with vestibular disorders using a virtual reality grocery store as an intervention. Combined Sections Meeting, San Diego (poster), Feb 2010.

Whitney SL, Marchetti GF, Ellis J, Otis L. The relationship between cognitive function and gait performance in older adults undergoing physical therapy intervention in different settings. The 3<sup>rd</sup> International Congress on Gait & Mental Function, Washington, DC Feb 26-28, 2010.

Whitney SL. Vestibular rehabilitation: An update. Queens Square, London. April 27, 2010.

Whitney SL. The older adult with dizziness. Emory University, Atlanta, Georgia, April 29, 2010.

Whitney SL. Invited case panel presentation at COSM (mid-year neuro-otology meeting). Las Vegas, May 1, 2010.

Whitney SL. Vestibular rehabilitation. American Osteopathic Colleges of Ophthalmology and Otolaryngology-Head and Neck Surgery Foundation, Inc. Orlando, FL, May 7, 2010.

Whitney SL. An update on BPPV. University of Utah, Salt Lake City, May 19, 2010.

Whitney SL. Vestibular evaluation of mild traumatic brain injury. APTA annual conference, Boston, June 18, 2010 (4 hours)

Alghwari A, Whitney SL, Sparto PJ, Furman JM. The use of the Delphi technique to develop an activities and participation questionnaire for persons with balance and vestibular disorders. North American Collaborating Center on the ICF, June 23, 2010.

Sparto PJ, Whitney SL, Redfern MS, Furman JM. The use of virtual reality in rehabilitation. Second International Symposium on Quality of Life Technology. Las Vegas, June 28, 2010.

Whitney SL. An update on vestibular and balance disorders. NIH intramural staff grand rounds, Washington, DC, Rehab Medicine Department, July 23, 2010.

Whitney SL. Encuentro Internacional de Otoneurologia, neuro-otologia y rehabilitacion vestibular. Universidad Maimonides. Buenos Aires, Argentina, August 5-6, 2010.

Whitney SL, Marchetti GF, Roche JL, Lin CC, Steed D, Musolino M, Furman G, Redfern, M. The relationship between accelerometer scores, age, and status (patient versus control) during standing. Barany Society Meeting, Platform presentation, Reykjavik, Iceland, August 20, 2010.

Whitney SL. Virtual reality and vestibular rehabilitation. Barany Physiotherapy pre-conference day. Barany Society Meeting. Reykjavik, Iceland, August 18, 2010.

Whitney SL. Vestibular rehabilitation. Geriatric care: From rehabilitation to translational medicine. Department of Physical Medicine and Rehabilitation. Taipei Veterans General Hospital, Taiwan, Republic of China, October 30-31, 2010.

Whitney SL. Assessment and Management of Vestibular Disorders. Queen Elizabeth Hospital. Hong Kong, China Jan 14-15, 2011.

Alsalaheen BA, Whitney SL, Mucha A, Morris LO, Furman JM, Sparto PJ. A framework for reporting vestibular rehabilitation exercise prescription and its application in the management of patients with dizziness and imbalance after concussion. Combined Sections Meeting, New Orleans, Feb 12, 2011 (poster presentation)

Alghwiri AA, Whitney SL, Baker CE, Sparto PJ, Marchetti GF, Rogers JC, Furman JM. The Development of the Vestibular Activities and Participation (VAP) Measure Using the Delphi Technique. Combined Sections Meeting, New Orleans, Feb 12, 2011 (poster presentation)

Whitney SL, Marchetti GF, Ellis J, Otis L. Balance changes in older adults receiving home care services. Combined Sections Meeting, New Orleans, Feb 12, 2011 (platform presentation)

Campeu M, Smith B, Whitney SL. Dizziness in the acute care setting. Combined Sections Meeting (7 hour pre-instructional), New Orleans, Feb 8, 2011.

Whitney SL. Innovations in vestibular rehabilitation. Combined Sections Meeting (1 hour talk as part of the pre-instructional course entitled "Advances in Vestibular Rehabilitation), Feb 7-8, 2011.

Marchetti GF, Whitney SL, Furman JM. Comorbidity associated with dizziness/imbalance in older adults seen in a tertiary care management setting: Prevalence estimates and comparison with community dwelling American population values. Combined Sections Meeting, New Orleans, Feb 12, 2011 (platform presentation)

Lin CC, Whitney SL, Roche JL, Steed DP, Marchetti GF, Furman GR, Musolino MC, Redfern MS. Age-related Postural Sway Changes During Balance Tasks Using the Balance Accelerometry Measure (BAM) in Healthy Adults. Combined Sections Meeting, New Orleans, Feb 12, 2011 (poster presentation)

Mohammad M, Whitney SL, Sparto PJ, Marchetti GF, Furman JM. The effect of optotype parameters on the performance of healthy young subjects on the gaze stabilization test. Combined Sections Meeting, New Orleans, Feb 12, 2011 (poster)

Whitney SL. Vestibular rehabilitation and balance update. Youngstown State University. April 1, 2011.

Whitney SL, Examination and interventions for persons with balance disorders. Northwest central PPTA Sub-district. April 2, 2011.

Whitney SL. Rehabilitation of persons with vestibular disorders. King Faud University Hospital. Riyadh, Saudi Arabia, May 4-5, 2011.

Whitney SL. Concussion considerations in children. Gillette Children's Specialty Care (Minnesota). Live webinar (2 hours), May 18, 2011.

Asiri F, Marchetti GF, Ellis JL, Otis L, Whitney SL. Australian therapy outcome measures by physical therapists in a home-care setting: Subscale selection and association with diagnostic category. World Confederation of Physical Therapy, Amsterdam, June 21, 2011 (poster).

Alahmari K, Whitney SL, Sparto PJ, Marchetti GF, Furman JM. Exploring the use of virtual reality technology as an intervention in vestibular rehabilitation. World Confederation of Physical Therapy, Amsterdam, June 22, 2011 (poster).

Schubert MC, Whitney SL. An introduction to vestibular rehabilitation. World Confederation of Physical Therapy, Amsterdam, 1 day pre-instructional program. June 20, 2011.

Whitney SL. Dizziness for the physician-balance, vertigo and syncope. September 14-15, 2011 (Newcastle upon Tyne, England)

Whitney SL. Physiotherapy management of central vestibular dysfunction. ACPIVR and London ACPIN. September 17, 2011 (Queens Square, London)

Whitney SL. Vestibular rehabilitation. Chendu, China, October 10, 2011.

Whitney SL. The University of Pittsburgh School of Health and Rehabilitation Sciences Programs. Presented at the Shanghai University of Traditional Chinese Medicine, December 17, 2011.

Lin CC, Whitney SL, Roche J, Steed D, Marchetti GF, Furman G, Musolino M, Redfern MS. A Comparison of the Balance Accelerometry measure (BAM) and the Balance Error Scoring System (BESS) in Persons with and without Concussion. Accepted for the Combined Sections Meeting, Chicago, IL Platform Presentation (Feb 2012)

Alghwiri A, Whitney SL, Baker C, Sparto PJ, Marchetti GF, Rogers J, Furman JM. Reliability and Validity of the Vestibular Activities and Participation (VAP) Measure. Accepted as a poster presentation for the Combined Sections Meeting, Chicago, IL (Feb 2012)

Alsalaheen B, Whitney SL, Sparto PJ. Normative data for functional balance and gait measures in children aged 14-18. Accepted as a poster presentation for the Combined Sections Meeting, Chicago, IL (Feb 2012)

Whitney SL, Mucha A, Collins M, Hinderliter D. Management of post-concussion dizziness. Pre-instructional course at the Combined Sections Meeting, Chicago, IL (Feb 2012)

Frischia L, Morgan M, Sparto PJ, Whitney SL. Responsiveness of the Vestibular Activities and Participation (VAP) Scale for Individuals with a Balance or Dizziness Disorder. Accepted as a poster at the Annual American Physical Therapy Association Meeting, Tampa, Florida (June 2011)

Whitney SL. Use of the vestibular activity and participation (VAP) scale in persons with vestibular disorders. Barany Meeting, Uppsala, Sweden (June 2012).

Morgan M, Frischia L, Whitney SL, Furman JM, Sparto PJ. Psychometric properties of the Falls Efficacy Scale-International (FES-I) in patients with dizziness and imbalance. Barany Meeting, Uppsala, Sweden (June 2012).

Alsalaheen B, Whitney SL, Marchetti GF, Furman JM, Kontos A, Collins M, Sparto PJ. Relationship between neurocognitive assessment and balance measures at the initiation of vestibular physical therapy after mild traumatic brain injury. Combined Sections Meeting, San Diego, CA (Platform presentation- accepted), 2013

Whitney SL, Herdman SJ, Schubert MC. Eye movement analysis of persons with suspected vestibular disorders. Combined Sections Meeting, San Diego, CA (2 hour talk), 2013

DeSumma M, Whitney SL, Shubert T, Lopez-Lennon C. Geriatrics Balance & Falls SIG: Preventing Injuries and Re-hospitalizations. Combined Sections Meeting, San Diego, CA (2 hour talk), 2013

Hall C, Herdman SJ, Whitney SL. An overview of clinical practice guidelines and workshop in grading the evidence. Combined Sections Meeting, San Diego, CA (4 hour session), 2013

Marchetti GF, Asiri F, Ellis J, Otis L, Whitney SL. Improvement in Activities of Daily Living Function in Older Adults With Heart Failure Receiving Home-based Rehabilitation: A Retrospective Cohort Study. Platform Presentation, Combined Sections Meeting, San Diego, CA, 2013

Lin CC, Sparto PJ, Redfern M, Furman JM, Whitney SL. The effects of vibrotactile feedback on reaction times during dual-task balance performance in different age groups. Poster, Combined Sections Meeting, San Diego, CA, 2013

Lin CC, Whitney SL, Loughlin P, Furman JM, Redfern MS, Sienko K, Sparto PJ. Does aging impact the response to vibrotactile feedback (VTF) during balance tasks? Association for Research in Otolaryngology, Baltimore, MD Feb 18, 2013 (poster)

Whitney SL, Herdman SJ, Mucha A, Schubert MC. Advances in Vestibular Rehabilitation – a 16 hour course, APTA annual conference, Salt Lake City, UT, June 26-29, 2013.

Whitney SL, Vestibular Rehabilitation- and update and advances. Singapore General Hospital and the National General Hospital, Singapore (7 days), July 31-August 7, 2013.

Whitney SL. Update on balance disorders. Kansas Fall Chapter meeting, November 9, 2013

Holmberg J, Schubert MS, Whitney SL. An advanced vestibular course and update. Casa Colina Rehab Center, CA, November 16-17, 2013

Whitney SL. Barrow Neurological Institute 8<sup>th</sup> Biennial Balance Symposium. BPPV and Vestibular Rehabilitation update. January 18, 2014

Winer SJ, Smith C, Hale L, Claydon LS, Whitney SL. Clinical outcome measures for the assessment of balance in cerebellar ataxia: Bridging the Gap. AIIMS conference, New Delhi, India (Jan, 2014)

Alsubaie S, McClain N, Loughlin P, Whitney SL, Furman JM, Sparto PJ. The effect of the using Vibrotactile Feedback (VTF) on medial-lateral postural sway in individuals with bilateral vestibular loss, Accepted poster, CSM, Las Vegas, 2014

Alkathiry A, Sparto PJ, Freund B, Whitney SL, Mucha A, Furman JM, Kontos A. Using accelerometers to measure postural sway in children with concussion, Accepted poster, CSM, Las Vegas, 2014

Alahmari K, Sparto PJ, Marchetti GF, Redfern MS, Furman JM, Whitney SL. Virtual Reality Based Therapy (VRBT) Compared with Customized Physical Therapy in the Rehabilitation of Patients with Vestibular

Disorders", Accepted poster, CSM, Las Vegas, 2014

Asiri F, Marchetti GF, Ellis J, Otis L, Sparto PJ, Whitney SL. Functional and gait predictors in persons with Parkinson's disease receiving home-based rehabilitation. Accepted poster, CSM, Las Vegas, 2014

Lin C, Sparto PJ, Furman JM, Loughlin PJ, Redfern MS, Sienko K, Whitney SL. The Effects of Vibrotactile Feedback on Postural Sway Under Dual-task Conditions in Individuals with Unilateral Vestibular Hypofunction. Accepted poster, CSM, Las Vegas, 2014

Mucha A, Collins M, Hagan B, Troutman C, Whitney SL. Concussion Management (7.5 hour pre instructional workshop for the Sports Section) CSM, Las Vegas, 2014

Whitney SL. Vestibular Rehabilitation. Kuwait University College of Allied Health, Kuwait City, Kuwait, March 10-12, 2014

Winser S, Smith C, Hale L, Claydon L, Whitney SL. Clinical outcome measures for the assessment of balance in cerebellar ataxia. A dephi study. Accepted poster, APTA NEXT conference, Charlotte, NC (June, 2014)

Whitney SL. Update on Vibrotactile feedback (30 minutes) at the pre-con and new advances in vestibular rehabilitation (1 hour) at the post meeting of the International Barany Society meeting, Buenos Aires, Argentina, June, 2014

Whitney SL, Grill E, Alghwri A, Alghadir A, Furman JM, Mueller M. The cross cultural validity of the VAP: A content analysis. Platform presentation. International Barany Society meeting, Buenos Aires, Argentina, June, 2014

Whitney SL. The Dilema: Falls in high risk populations. Dartmouth Hitchcock Medical Center NH Falls Consortium, June 19, 2014.

Callahan J, Whitney SL. An introductory vestibular course—the basics. The Rehab Institute of Chicago. August 9-10, 2014

Winser S, Smith C, Hale L, Claydon L, Whitney S, Mottershead J. Reliability and validity of four measures of balance in people with multiple sclerosis and cerebellar ataxia: preliminary results. Physiotherapy New Zealand (PNZ) conference, Auckland, NZ September 21, 2014.

Whitney SL. New innovations and case based management of the person with vestibular disorders. Newcastle, England, October 9, 2014.

Holmberg J, Schubert MC, Whitney SL. Advanced vestibular update- new innovations. University of Utah, October 25-26, 2014.

Whitney SL. Concussion Update. Maine Chapter of the American Physical Therapy Association, Bangor, ME, November 14, 2014.

Whitney SL. Vestibular update. Japanese Equilibrium and Balance Society. Yokohama, Japan November 5, 2014

Whitney SL. Vestibular rehabilitation: the basics and beyond. Montana Physical Therapy Association. Helena, Montana, January 24-25, 2015

Marchetti M, Brach J, Castle NG, Redfern M, Studenski S, Whitney SL. Development of an educational program for non-professional staff in assisted living facilities and personal care homes on fall risk and fall prevention (poster). CSM, Indianapolis, IN February 5, 2015

Marchetti M, Brach J, Castle NG, Redfern M, Studenski S, Whitney SL. Results of an Educational Program Developed for Non-Professional Staff in Assisted Living Facilities and Personal Care Homes on Fall Risk and Fall Prevention (poster). CSM, Indianapolis, IN February 5, 2015

Alshehri MM, Sparto PJ, Mucha A, Furman JM, Whitney SL. The Vestibular Head Impulse Test (vHIT) in Persons with Concussion (poster). CSM Indianapolis, February 5, 2015

Klatt B, Carender W, Lin CC, Fuhaid S, Kinnaird CR, Sienko; KH, Whitney SL. A Conceptual Framework for the Progression of Balance Exercises in Persons with Balance and Vestibular Disorders (poster). CSM Indianapolis, February 5, 2015

ALMohiza MA, Sparto PJ, Marchetti GF, Delitto A, Furman JM, Whitney SL. Balance and Vestibular Rehabilitation Quality Improvement (poster). CSM Indianapolis, February 5, 2015

Asiri FY, Marchetti GF, Ellis J, Otis L, Sparto PJ, Watzlaf V, Whitney SL. Gait and functional improvements in older people with heart failure receiving home based rehabilitation (poster). CSM Indianapolis, February 5, 2015

Alkathiry AA, Sparto PJ, Mucha A, Shuman V, Pavlou M, Whitney SL. Learning difficulties in concussed children (poster). CSM Indianapolis, February 5, 2015

Whitney SL. Children and vestibular disorders. School for the Blind. Feb 12, 2015

Whitney SL. Congress speaker at the Icelandic PT Association meeting. (2 talks- concussion and an update on balance rehabilitation). March 6, 2015

Whitney SL. Vestibular Rehabilitation 2 day course. Reykjavik, Iceland March 7-8, 2015

Dunkel C, Green D, Strassheim V, Whitney SL, Parry S. Cognitive behavioral therapy and fear of falling. British Geriatric Society (poster) April 30, 2015

Dunn S, Saladin L, Whitney SL, Sahrman S, Powers CM, Zadai C, Guccione AA. The Human movement system: Our identity, our vision part 2. NEXT 2015, National Harbor, MD June 6, 2015

Whitney SL. Vestibular rehab update. Queens Square, London, UK June 25-26, 2015.

Sienko K, Callendar W, Whitney SL. Balance telerehabilitation: considering user preferences for the design of a cell phone balance trainer. 2015 ISPGR World Congress, Seville, Spain, June 28 – July 2

Tian C, Sienko K, Callendar W, Klatt B, Whitney SL. Evaluating a conceptual progression framework by grouping balance exercises based on difficulty. 2015 ISPGR World Congress, Seville, Spain, June 28-July 2, 2015

Toam B, Sienko, K, Callendar W, Klatt B, Whitney SL. Long-term balance training with vibrotactile biofeedback: Two case reports 2015 ISPGR World Congress, Seville, Spain, June 28-July 2, 2015

Whitney SL. Vestibular rehabilitation. South Korea Physiotherapy Association, Daegu, South Korea, August 26-27 and August 29-30, 2015.

D'Silva L, Kluding P, Dai H, Whitney SL, Santos M. Postural Stability is Significantly Impaired in Individuals with Type 2 Diabetes and Concurrent Benign Paroxysmal Positional Vertigo. Accepted Platform Presentation. Combined Sections Meeting, Anaheim, Calif (Feb 2016)

Alshebber K, Sparto PJ, Marchetti GM, Staab J, Furman JM, Whitney SL. The development and validation of the vestibular activities avoidance measure for people with vestibular and balance disorders. Accepted Poster Presentation. Combined Sections Meeting, Anaheim, Calif (Feb 2016)

Whitney SL. Advanced vestibular physiotherapy update. UK Neurologic Group. October 6, 2015 (London, UK)

Whitney SL. Dizziness for the Physician. Newcastle, UK (October 8-9, 2015)

Whitney SL. Advanced Vestibular workshop (2 day course). Wellington, NZ (October 31-November 1, 2015)

Whitney SL. Blow by blow: dizziness and balance problems post-concussion. University of Wisconsin-Madison's Visiting Lecturer, UW-Madison. September 18, 2015

Whitney SL. Vestibular Update. Patty Leahy Invited Lecturer. University of the Sciences, Philadelphia, PA October 15, 2015

Alshebber K, Sparto PJ, Marchetti GM, Staab J, Furman JM, Whitney SL. The development and validation of the vestibular activities avoidance measure for people with vestibular and balance disorders. Poster. Combined Sections Meeting, Anaheim, Calif (Feb 2016)

Alkathiry A, Sparto PJ, Whitney SL, Furman JM, Kontos AP (2016) Single vs Dual-Task Balancing Paradigm in Adolescents with Sport Related Concussion. *2016 APTA Combined Sections Meeting, Anaheim, CA, February 2016.*

Alsubaie SF, Fear D, Sienko KH, Marchetti GF, Whitney SL, Furman JM, Sparto PJ (2016) Validating Ratings of Perceived Difficulty for Balance Exercises. *2016 APTA Combined Sections Meeting, Anaheim, CA, February 2016.*

Alshebber K, Sparto PJ, Marchetti GF, Staab JP, Furman JM, Whitney SL (2016) The Development and Validation of the Vestibular Activities Avoidance Measure for People With Vestibular and Balance Disorders. *2016 APTA Combined Sections Meeting, Anaheim, CA, February 2016.*

Klatt B, Terhorst L, Sparto PJ, Winser SJ, Heyman R, Zaydan I, Whitney SL (2016) Relationship Between Subjective Visual Vertical and Balance in Individuals with Multiple Sclerosis. *2016 APTA Combined Sections Meeting, Anaheim, CA, February 2016.*

Iqbal Z, Alghadir A, Whitney SL. An update on vestibular physical therapy (poster). 5<sup>th</sup> Asia-Oceanian Conference of Physical and Rehabilitation Medicine and 26<sup>th</sup> Philippine Academy of Rehabilitation Medicine Annual Convention 2016, Feb 19, 2016.

Whitney SL. Update on the Vestibular hypofunction practice guidelines, Treatment of older adults with vestibular disorders, Exercise for the person with vestibular disorders and virtual reality for vestibular disorders. Guadalajara, Mexico, March 3, 2016.

Whitney SL. Concussion/Advanced vestibular exercise/Vestibular hypofunction guideline. First symposium for the science of vestibular disorders and communication. (3.5 hours) Buenos Aires, Argentina, April 21, 2016.

Klatt BN, Sparto PJ, Terhorst, L, Winser S, Heyman R, Zaydan I. Whitney SL. The incidence of abnormal subjective visual vertical in multiple sclerosis during rod and rod-and-frame conditions. Barany Society meeting, Seoul, South Korea June 2016

Whitney SL. Update on the Vestibular hypofunction practice guidelines. Barany Society meeting, Seoul, South Korea June 2016

Whitney SL. Vestibular rehabilitation and how it is practiced in the United States. Pre instructional teaching day. Barany Society meeting, Seoul, South Korea June 2016

Winser S, Smith C, Hale L, Claydon L, Whitney S, Mottershead J, Zaydan I, Heyman R. (2016). Core set of measures of balance for people with multiple sclerosis and cerebellar ataxia. Conference: Parkinson

and Movement Disorder Society's 20th International Congress of Parkinson's Disease and Movement Disorders. Berlin, Germany June 20, 2016.

Hoppes C, Furman JM, Sparto PJ, Whitney SL, Huppert T. Use of Near-Infrared Spectroscopy to Examine Cerebral Activation during the Experience of Vection. IV STEP conference, Ohio, July 16, 2016

Klatt B, Tian B, Sienko K, Whitney SL. Short term outcomes for two individuals with vestibular hypofunction following the application of vibrotactile feedback during vestibular rehabilitation. IV STEP conference, Ohio, July 16, 2016

Mucha A, Whitney SL. Concussion update Royal College of Surgeon, Dublin, Ireland, September 1-2, 2016

Whitney SL. Advances in Vestibular Rehabilitation. Spezialkurs Vestibulare Rehabilitation. LMU Klinikum Der Universitat Munchen, Munich, Germany October 1, 2016

Almelaifi R, McNeil M, Shaiman S, Pratt S, Whitney SL. The Role of Focus of Attention on the Learning of Non-Native Speech Sounds. American Speech and Hearing Association Meeting, Philadelphia, PA November 17, 2016

Hiles E, Whitney SL, Dvorak J, Ding K, Studenski S. Arthralgias Associate with Lower Balance Confidence Among Breast Cancer Survivors on Aromatase Inhibitors: Accelerated Aging? CSM San Antonio, 2017 (Accepted Platform presentation)

Carender W, Kinnaird C, Klatt B, Bao T, Whitney SL, Sienko K. Balance Telerehabilitation Using Vibrotactile Sensory Augmentation for Treatment of Persons with Vestibulopathy: Two Cases. CSM San Antonio, 2017 (Accepted Poster presentation)

D'Silva L, Whitney SL, Santos M, Kluding P. The impact of Type 2 diabetes on symptom presentation and recovery after repositioning maneuvers in individuals with BPPV. CSM San Antonio, 2017 (Accepted Poster presentation)

Whitney SL. Update on Concussion. Montana Chapter meeting, Helena, Montana, January 28, 2017

Whitney SL. An update on vestibular rehabilitation. III Vertigo Academy International. Mumbai, India, March 2-4, 2017.

Whitney SL. Why do some patients respond to vestibular rehabilitation while others do not? Second Implantable Vestibular Prosthesis Meeting, March 16, 2017 (Vienna, Austria)

Whitney SL. Concussion management. Wisconsin Spring Physical Therapy meeting. Green Bay, Wisconsin, April 13, 2017

Klatt BN, Sparto PJ, Hoppes CW, Brandfass K, Whitney SL. The assessment of anxiety, depression and visual dependency in neurologic physical therapy: A know/do gap assessment. COSTAR meeting, Boston, June 2017 (poster)

Sparto PJ, Alsubaie S, Marchetti GF, Sienko K, Furman JM, Whitney SL. Validation of rating of perceived difficulty scales for balance exercises using postural sway measures. ISPGR, Ft. Lauderdale FL 6/17

Alqahtani B, Sparto PJ, Whitney SL, Greenspan S, Perera S, Brach J. Psychometric properties of balance and strength measurements in independent living older adults using portable technologies. ISPGR, Ft. Lauderdale FL 6/17

Sparto PJ, DiSalvio N, Alzenstein H, Rosano C, Perera S, Redfern M, Furman J, Jennings JR, Whitney SL. Relationship between structural neuroimaging measures and performance on functional mobility measures in community dwelling older adults. . ISPGR, Ft. Lauderdale FL 6/17

Alkathiry A, Sparto PJ, Whitney SL, Furman JM, Kontos A. Dual task balance testing in adolescents with and without sports-related concussion. . ISPGR, Ft. Lauderdale FL 6/17

Bao T, Callendar W, Whitney SL, Sienko K. Long term balance training with vibrotactile sensory augmentation in community dwelling older adults. ISPGR, Ft Lauderdale, FL 6/17

Whitney SL. Advances in vestibular rehabilitation, Queens Square Dizziness Update. London, June 7-8, 2017

Whitney SL. Vestibular rehabilitation: A multidisciplinary collaboration. (Keynote address). International Society of Posture & Gait Research. June 26, 2017 (Ft Lauderdale, FL)

Winer S, Smith C, Hale L, Claydon L, Whitney SL. BBS and SARA-Bal for the assessment of balance in cerebellar ataxia. What is thought about their suitability? WCPT-AWP & PTAT Congress 2017, Bangkok, Thailand (June 28, 2017)

Whitney SL. New qualitative measures for the diagnosis of children with vestibular disorders. And Dizziness and Concussion: Diagnosis and prognosis in children. The 5<sup>th</sup> Seoul National University Hearing and Balance Symposium: What you need to know when you see dizzy kids. August 10, 2017

Whitney SL, Alsheri M, Sparto PJ, Furman JM, Fedor S, Mucha A, Henry LC. The usefulness of the video head impulse test in persons post concussion. Military Health System Research Symposium, Kissimmee, FL August 27, 2017 (platform presentation)

Hoppes C, Sparto PJ, Whitney SL, Furman JM, Huppert T. Use of Near-Infrared Spectroscopy to Examine Cerebral Activation during Optic Flow in Individuals with and without Complaints of Visual Vertigo. Platform presentation (Accepted) CSM 2018

Klatt B, Bao T, Carender W, Kinnaird C, Sienko K, Whitney SL. Carry-over effects of vibrotactile feedback on long-term balance training in people with peripheral neuropathy: a case series. Poster Presentation (accepted) CSM 2018

Whitney SL, Furman JF, Sparto PJ. How to recognize the person who is challenging to treat. 2 hour symposium (accepted) CSM 2018

Holmberg J, Whitney SL. A review of the new BPPV guidelines. 2 hour symposium (accepted) CSM 2018

Dunlap PM, Mucha A, Smithnosky D, Whitney SL, Furman JM, Collins MW, Kontos AP, Sparto PJ. The gaze stabilization test following concussion. Poster session presented at: American Physical Therapy Association Combined Sections Meeting; 2018 Feb 22-24; New Orleans, LA.

### **Awards**

MARY McMILLAN DOCTORAL SCHOLARSHIP, 1989 (There were three doctoral scholarships awarded in 1989. This award is given to those who exhibit potential to contribute to the profession of physical therapy after completing their degrees).

PENNSYLVANIA PHYSICAL THERAPY ACHIEVEMENT AWARD, November 6, 1993 (This award is given to those individuals who have made an outstanding contribution to the profession of physical therapy, to the American Physical Therapy Association or its components and/or to the community. In addition, the criteria also include a deep concern and active interest in the development and growth of physical therapy, serve as a role model, and have demonstrated high personal and professional standards of conduct).

CERTIFICATE OF HONOR, Temple University, April 17, 1994 (I was the first physical therapist to be given the award in the Physical Therapy Departments 25 year history)

LUCY BLAIR SERVICE AWARD, June 15, 2000. This award honors members of the American Physical Therapy Association who have made exceptional contributions to the Association through district, chapter, committee, section, task force, or national activities.

NEUROLOGIC CLINICAL SPECIALIST, June 2001 and in 2010.

NEUROLOGY SECTION SERVICE AWARD, February 15, 2003. The award is given to one physical therapist annually for outstanding service to the Neurology Section.

NEUROLOGY SECTION AWARD FOR CLINICAL EXCELLENCE IN NEUROLOGY, February 7, 2004. The award is given to one physical therapist a year in recognition of outstanding clinical, grassroots involvement in the practice of neurologic physical therapy.

CATHERINE WORTHINGHAM FELLOW AWARD. March, 2007. This award is given for outstanding achievement in practice, research or teaching.

CO-MENTORING AWARD. Institute of Clinical Research Education Start Up program, May 22, 2012

VESTIBULAR SPECIAL INTEREST GROUP SERVICE AWARD, February 5, 2014

Champion of Vestibular Medicine, Vestibular and Balance Disorders Association, 2015

William Evans Visiting Professorship, University of Otago, New Zealand (3 week visiting professorship, 2015)

**Continuing Education Workshops Conducted/Organized:**

PNF for Occupational Therapists - St. Margaret's Hospital, January 1984.

The Use of PNF in Rehab of the Shoulder, August 1986.

Current Concepts in Balance - A Seminar for Clinicians, Pittsburgh, PA 1989.

PT for Patients with Balance Disorders for the Pittsburgh Society of Otorhinolaryngology and Head-Neck Nurses, June 7, 1989.

Otology Update - Vestibular Rehabilitation, May 18, 1990.

Current Issues in Movement Control and Dysfunction, March 9, 1991 presented by the Southwest District of the Penna Physical Therapy Association.

Current Issues in Movement Control and Dysfunction, February 22, 1992 at Allegheny County Community College

Assessment and Rehabilitation of Vestibular and Balance Disorders, July 31-August 1, 1992 in Pittsburgh, PA

Assessment and Treatment of Patients with Vestibular Disorders, Loyola Medical Center in Chicago, March 28-29, 1993.

Theoretical and Clinical Aspects of Postural Control in Johnstown, PA, April 17, 1993

Lectured at the University of Michigan's course entitled "Vestibular Rehabilitation" May 13-14, 1993

Falls in the Elderly: Assessment and Intervention, University of Pittsburgh Medical Center, October 9, 1993 (co-chair)

Objective Measures of Balance, University of Pennsylvania Medical Center, Physical Medicine and Rehabilitation Grand Rounds, October 12, 1993.

Current Concepts in Balance Disorders, New Jersey's Neuroscience Institute and JFK Johnson Rehabilitation Institute, March 25, 1994.

Vestibular Rehabilitation with Physical Therapy Involvement, Carrington South Rehabilitation Center, August 25, 1994.

Assessment and Treatment of Patients with Vestibular Disorders at the University of Pittsburgh, September 30-October 1, 1994.

Falls in the Elderly. Whiting, New Jersey September 23, 1995.

Objective Measures of Balance for Advanced Educational Seminars in Long Beach, CA, Indianapolis, IN and Charleston, SC (1995).

Vestibular Rehabilitation (invited speaker), University of Miami, March 17-20, 1999.

Basic Vestibular Course, The University of Jordan, Jordan (August 19-20, 2016)

**Services to the University/College/School on Committees/Councils/ Commissions:**

Chairperson, Nominating Committee for SHRP, 1982 to 1983

Member, School of Health Related Professions Admissions Committee, 1984 to present

Secretary, School of Health Related Professions Executive Committee, 1984 to 1985

Member, Dean's Search Committee, 1984

Chair elect, SHRP Faculty 1985 to 1986

SHRP representative for Merger Discussions, 1986

Chairman, SHRP Faculty 1986 to 1987

Member, SHRP Safety Committee

Member, Deans Search Committee, 1989

Member PT Department's Chairman Search, 1988

Member, SHRP Budget Policy Committee 1988-92

Member, SHRP Deans Search Committee 1989-90

Chairman, SHRS Faculty 1991-1992

Chairman, SHRS Nominating Committee 1992-93

Member, Physical Therapy Departments Budget and Planning Committee, 1992-1994

Member, PT Curriculum Committee 1993-present

Member, Senate Committee on Educational Policies, 1993-present

Member of Founders Day Committee, 1993-present

Member, SHRS Planning and Budget Committee, 1993-1994

Member, Faculty Assembly, 1994-2000

Member, SHRS Nominating Committee 1994-95

Chair, SHRS Nominating Committee 1995-96

Member, Faculty Senate 1995-2000  
 Co-Chair, Senate Educational Policies Committee, 1995-96  
 Member, University Review Committee of the Planning and Budgeting Process, 1995-96  
 Member, SHRS Appointment, Promotion, and Tenure Committee, 1995-1997  
 Member, SHRS Safety Committee, 1996-1997  
 Vice-Chair, SHRS Faculty, 1996-1997  
 Member, University of Pittsburgh Planning and Budgeting Committee, 1996-1999  
 Chair, Senate Educational Policies Committee, 1996-1999  
 Member, Faculty Grievance Committee, 1996-97  
 Chair, Nominating Committee for the Search for the Vice Chancellor of the Health Sciences, 1996-97  
 Member, Occupational Therapy Faculty member search, 1997-99  
 Chair, SHRS Faculty, 1997-1998  
 Member, Provosts Advisory Committee on Teaching, 1998-2000  
 Member, Senate Student Affairs Committee, 2000-2003  
 Member, Board of Trustees Student Affairs Committee, 2001-2004  
 Member, Nominating committee, SHRS, 2009- 2012  
 Member, SHRS International Committee, 2009-2010

**Current Teaching Responsibilities in the Physical Therapy Department:**

- Neuromuscular Physical Therapy III (teach 31 hours for Dr. Josbeno)
- Assist Dr. Irrgang in reading papers for the evidence based practice course and guiding the students in designing their databases.

**Masters in Physical Therapy Program (courses that I am responsible for)**

- Motor Learning and Control of Movement/Health Promotion (3 credits)
- Falls and Balance Dysfunction: Physical Therapy Management and Intervention (3 credits)
- Evidence Based Medical and Physical Therapy Interventions for Persons with Neuromuscular Disease (3 credits)
- Neuromuscular Case Studies and Rounds (1 credit)
- Seminar in Neurologic Physical Therapy (3 credits)
- Topics in Physical Therapy (elective) (1 credit)
- Journal Club (1 credit- 2 terms)

**Masters Committee Thesis Chair:** I have been the research and thesis advisor for the following students:

Marnie Allegrucci	Shoulder Kinesthesia in Healthy Unilateral Upper Extremity Athletes, 1993
Mary Lee Beach	The Correlation of Internal-External Strength Ratio and Shoulder Flexibility to "Swimmer's Shoulder", 1990

Lori Borger	Comparison of the effect of a moving scene on postural sway in healthy young and elderly subjects, 1996
Terese M. Beauchamp	Comparison Between Passive Stretching and Stretching Following an Isometric Contraction of the Hamstring Muscle on Increasing Hamstring Muscle Length, 1990
Diane Biechner	Wrestling Injury Record for the University of Pittsburgh's 1990-91 Season, 1992
Barbara Billek	Clinical Measurement of Postural Stability, 1990
Cathy Blatchly	Subjective Measures of Dizziness and Objective Measures of Balance: Is There a Relationship? 1990
Barbara Butler	Relating Life Events, Disability, and Waddell Testing in Patients with Low Back Pain, 1994
Todd Champman	Effect of External Patellar Stabilizing Device on Quadriceps Force Output in Subjects with Chondromalacia, 1984
Jay Cloutier	The effect of early weight bearing on the ankle post acute ankle injury, 1993
Debbie Josbeno	The reliability of the Balance Master in use with people who have had a stroke
Osamu Fujinawa	The Effects of the Neck Position on Muscle Torque at the Knee During Isokinetic Exercise, 1986
Pam Gentile	Reliability of Functional Performance Tests Designed to Identify Functional Deficits in Anterior Cruciate-Deficient Athletes, 1992
Annie Hu	Test-Retest Reliability of the One-Legged Vertical Jump and the One-Legged Standing Hop Test, 1991
Ruth Kaminski	A Comparison of Static Balance in Professional Ballet Dancers and Healthy Active Controls, 1991
Yang Hua Linn	The Effect of Ankle Taping on Isometric Contraction of the Peroneus Longus, 1986

Gwen Mann	Functional Reach, Single Leg Stance, and the Dizziness Handicap Inventory: How are they related? 1994
Sherry Mascio	The Effects of an Ankle-Foot Orthosis on Hemiplegic Ambulation, 1994
Larry Mattocks	Goniometric Measurement of Arm Elevation in Three Planes of Motion, 1994
Anne Mucha	Predicting functional outcome in stroke: Development of an instrument, 1995
David Pezzullo	A Comparison of Vertical Jump Enhancement using Plyometrics and Strength Footwear Shoes versus Plyometrics Alone, 1992
Donna Scott	Comparison of Two Methods of Measuring Supination/Pronation at the Wrist, 1993
Lee Ann Sheehy	The effect of exercise on persons with Parkinson's disease, 2000.
Mary Kay Walsh	Intra-subject Variability during the Single Leg Stance Test, 1992
Shinju Wang	Lower Extremity Muscular Flexibility in Long Distance Runners, 1990

**Committee Member**

Linda Bryce	Error Associated with Hand-Held Dynamometer, 1993
Ching-Fang Flora Hsu	The Intratester Reliability of the Flexible Ruler and the Fluid Filled Goniometer in Measuring Lumbar Lordosis, 1991
Carol Probst	Influence of Hip Abduction Strength on Postural Sway in Elderly Females, 1989
Valerie Radic	The Affects of Stretching and Strengthening Exercises on a Lordotic Posture: A Single Case Design, 1992
Michelle Vignovic	The Effect of the Incident of Low Back Injuries among continuously employed nurses after a lay off, 1995
Antonio Zuloaga	Effect of Pelvic Rotation During Passive Straight-Leg-Raising in the Assessment of Hamstring Tightness Using a Fluid Filled Goniometer. A Reliability and Validity Study, 1991

### **Doctoral Committee Member**

Almelaifi, Ruba	The role of “focus of attention” on the learning of non-native speech sounds: English speakers learning of Mandarin Chinese tones, 2012.
Alsalaheen, Bara	Vestibular Rehabilitation for Dizziness and Balance Disorders after Concussion, 2012
Nowall Hassan	A clinical prediction rule for spinal manipulation of post-partum pelvic girdle pain, 2007
Iverson Ladewig	Use of Task Specific Cues and Manipulation of Environmental Distracters to Enhance Children's Selective Attention, 1994
Dan Latt	The effect of Galvanic Vestibular Stimulation and head position on postural control, 2001
Greg Marchetti	Falls prevalence in persons with vestibular disorders, 2003
Nowall Al-Sayegh	Spinal mobilization of postpartum low back pain, 2005
Bara Alsalaheen	Vestibular Rehabilitation for Dizziness and Balance Disorders after Concussion

### **Doctoral Committee Chair**

Diane Wisley	The influence of head position on postural sway during galvanic vestibular stimulation, 2002
Kristine Letgers	The relationship between the Activities-specific Balance Confidence Scale and the Dynamic Gait Index in persons with peripheral vestibular disorders, 2002
Nancy Landgraff	Cognitive and physical performance in patients with asymptomatic carotid artery stenosis and occlusion, 2004
Mollie Venglar	The use of Tai Chi with persons with Parkinsons disease, 2004
Bridget Meretta	Responsiveness of Five Times Sit to Stand Test as an Indicator of Improvement in Balance after Vestibular Rehabilitation, 2005

Maha Mohammad	The validation of the gaze stabilization test, 2011
Alia Alghwiri	The development of the vestibular activities and participation scale, 2011
Khalid Awdah A. Alahmari	The use of technology in vestibular rehab and balance management, 2012

International Reader for Dissertations

Allison Bowman	University of Sydney	2004
Katherine Murray	University of Melbourne	2005