

Diane M. Wrisley, PT, Ph.D., NCS

Department of Physical Therapy
Doctor of Physical Therapy Program
Lynchburg College
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EDUCATION

DEGREE	UNIVERSITY	FIELD OF STUDY	DURATION OF STUDY
	Neurological Sciences Institute Oregon Health and Sciences University Beaverton, Oregon	Neuroscience Post-Doctoral Fellow	2002 – 2004
Ph.D.	University of Pittsburgh Pittsburgh, Pennsylvania Dissertation: The Influence of Head Position on Postural Sway during Galvanic Vestibular Stimulation	Rehabilitation Science	1999 – 2002
M.S.	Old Dominion University Norfolk, Virginia Thesis: Reliability of the Dynamic Gait Index in Vestibular Disorders	Post-professional Physical Therapy	1997 – 1998
	Long Island University Orangeburg, New York	Public Health Administration	1990 – 1991
	Medical College of Virginia Richmond, Virginia	Post-professional Physical Therapy	1986 – 1987
B.S.	State University of New York Buffalo, New York	Physical Therapy	1981 – 1984
	Oral Roberts University Tulsa, Oklahoma	Pre-Physical Therapy/ Biology	1979 – 1981

LICENSURE INFORMATION

Physical Therapy Licensure:	New York (008439-1)	1984 - present
	Oklahoma (PT1318)	1984 - present
	Oregon (4470)	2002 - present
	Pennsylvania (PT012942L)	1999 - present
	Virginia (0105002913)	1986 - present

Board Certified Clinical Specialist
Neurological Physical Therapy
American Board of Physical Therapy Specialties

1996-2016

EMPLOYMENT HISTORY

DURATION	POSITION / RANK	INSTITUTION	STATUS*
2010 – present	Associate Professor	Lynchburg College Lynchburg, VA	UT
2005 – 2008	Adjunct Assistant Professor	University of Rochester Rochester, NY Department of Neurobiology and Anatomy	UT
2004 - 2010	Assistant Professor	University at Buffalo Department of Rehabilitation Science	UT
	Adjunct Assistant Professor	Department of Communication Disorders and Sciences	UT
2004	Physical Therapist	Susan E. Bennett Physical Therapy Buffalo, New York	
2003 – 2004	Physical Therapist	Tuality Hospital Hillsboro, Oregon	
2000 – 2002	Physical Therapist	Centers for Rehab Services University of Pittsburgh Medical Center Pittsburgh, Pennsylvania	
1999 – 2002	Pre-Doctoral Fellow Graduate Researcher	University of Pittsburgh Pittsburgh, PA School of Physical Therapy	
1999	Outpatient Services Coordinator	Riverside Regional Medical Center Norfolk, Virginia	
1995 – 1999	Adjunct Assistant Professor	Old Dominion University Norfolk, VA. Neurologic Physical Therapy	
1994 – 1998	Coordinator of Vestibular Rehabilitation	Bon Secours DePaul Medical Center Norfolk, VA	
1992 – 1994	Physical Therapist	Virginia Rehab / Therapy Center at Oyster Point Newport News, VA	
1991 – 1992	Director Physical Therapy and Transportation	Riverside Rehabilitation Institute Newport News, Virginia	
1989 – 1991	Unit Coordinator Head Injury Unit	Helen Hayes Hospital Columbia Presbyterian Hospital West Haverstraw, NY	
1989	Physical Therapist	Rebound, Incorporated Richmond, Virginia	
1987 – 1989	Physical Therapist	Johnston Willis Hospital Richmond, VA	
1986 – 1987	Physical Therapist	Stuart Circle Hospital	

1986 – 1987	Teacher's Assistant	Richmond, Virginia Medical College of Virginia Richmond, VA
1984 – 1986	Physical Therapist	School of Physical Therapy City of Faith Medical Center Tulsa, Oklahoma

*T = Tenured UT = Untenured

PEER REVIEWED PUBLICATIONS

JOURNALS

1. Wrisley DM and Stephens MJ. The Effects of Rotational Platform Training on Balance and ADLs. Proceedings of the IEEE EMBC conference 2011 in press.
2. Peterka R, Statler K, Wrisley D, Horak F. Postural Compensation for Unilateral Vestibular Loss. Submitted to *Frontiers in Neuro-otology* 5/2011.
3. Rine RM, Schubert MC, Whitney SL, Roberts D, Redfern MS, Musolino MC, Roche JL, Steed DP, Corbin B, Marchetti GF, Beaumont J, Carey J, Shepard N, Jacobson GP, Wrisley DM, Hoffman HJ, Lin C, Furman G, Slotkin J. Vestibular Function Testing: Measures of Gaze Stability and Balance. *Neurology* in press.
4. Wrisley DM. Karate Based Balance Training Decreases Fall Risk in Community Dwelling Older Adults: A Case Series. Submitted to *Physiotherapy Research International* 6/2011.
5. Wrisley DM and Kumar NA. The Effectiveness of the Functional Gait Assessment in Predicting Falls in Community Dwelling Older Adults. *Physical Therapy* 2010;90(5):761-773.
6. Horak FB, Wrisley DM, Frank JS. The Balance Evaluation Systems Test (BESTest): Development of a Clinical Tool to Differentiate Types of Balance Deficits. *Physical Therapy*. 2009;89(5):484-489.
7. Wall C, Wrisley DM, Statler KD, Oddsson L. Vibrotactile Tilt Feedback Decreases Fall Risk in Community Dwelling Older Adults. *Gait and Posture*. 2009;30(1):16-21.
8. Wrisley DM, Stephens MJ, Mosley S, Wojnowski A, Duffy J, Burkard RF. Learning Effects of Repetitive Administrations of the Sensory Organization Test in Healthy Young Adults. *Archives of Physical Medicine and Rehabilitation* 2007;88(8):1049-1054.
9. Brown KE, Whitney SL, Marchetti GF, Wrisley DM, Furman JM. Physical Therapy for Central Vestibular Disorders. *Archives of Physical Medicine and Rehabilitation* 2006;87:76-81.
10. Whitney SL, Wrisley DM, Gee M, Redfern MS, Furman JM. The Clinical Measurement Of Sit-To-Stand Performance In People With Balance Disorders: The Validity Of The Five-Times-Sit-To-Stand Test. *Physical Therapy* 2005;85(10):1034-1045.
11. Wall C, Oddsson LE, Horak FB, Wrisley DM, Dozza M. Applications of vibrotactile display of body tilt for rehabilitation. *Conf Proc IEEE Eng Med Biol Soc* 2004;7:4763-5.
12. 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. *J Vestib Res* 2004;14:397-409.
13. Wrisley DM, Marchetti GF, Kuharsky DK, Whitney SL. The Reliability of Data Obtained with the Functional Gait Assessment. *Physical Therapy* 2004;84(10):906-918.

14. Wrisley DM, Whitney SL, Furman JM. Measurement of Health Status in Patients with Dizziness with a History of Migraine. *Journal of Neurologic Physical Therapy* 2004;28(2):84-90.
15. Whitney SL, Wrisley DM, Brown KE, Furman JM. Is Perception of Handicap Related to Functional Performance in Persons with Vestibular Dysfunction? *Otology & Neurotology* 2004; 25:139-143.
16. Whitney SL, Wrisley DM. The Influence of Footwear on Timed Balance Scores of the Clinical Test of Sensory Interaction and Balance. *Archives of Physical Medicine and Rehabilitation* 2004; 85:439-443.
17. Wrisley DM, Whitney SL. Effect of Foot Placement on Clinical Test of Sensory Interaction and Balance Outcome in People with Vestibular Disorders. *Archives of Physical Medicine and Rehabilitation* 2004; 85:335-338.
18. Whitney SL, Wrisley D, Furman JM. Concurrent Validity of the Berg Balance Scale and the Dynamic Gait Index in People with Vestibular Dysfunction. *Physiotherapy Research International* 2003; 8(4):178-186.
19. Wrisley DM, Walker ML, Echternach JL, Strasnick B. Reliability of the Dynamic Gait Index in persons with vestibular disorders. *Arch Phys Med Rehab* 2003;84:1528-1533
20. Whitney SL, Wrisley DM, Furman JM. Orthostatic Tremor: three cases in a case study. *Neurology Report* 2003; 27(2):46-55.
21. Whitney SL, Wrisley DM, Marchetti GF, Furman JM. The Effect of Age on Vestibular Rehabilitation Outcomes. *Laryngoscope* 2002; 112(10):1785-1790.
22. Wrisley DM, Whitney SL, Furman JM. Vestibular Rehabilitation Outcomes in Patients with a History of Migraine. *Otology Neurotology* 2002; 23(4):483-487.
23. Brown KE, Whitney SL, Wrisley DM, Furman JM. Physical Therapy outcomes for Patients with Bilateral Vestibular Disease. *Laryngoscope*. 2001;111:1812-1817
24. Whitney SL, Wrisley DM, Brown KE, Furman JM. Physical Therapy for Migraine-Related Vestibulopathy. *Laryngoscope*. 2000; 110(9):1528-1534.
25. Cowand JL, Wrisley DM, Walker ML, Strasnick B, Jacobson JT. Efficacy of vestibular rehabilitation. *Otolaryngol Head Neck Surg*. 1998; 118:49-54.

PEER REVIEWED PRESENTATIONS

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|----------------|---|
| October, 2006 | Wrisley DM, Nunn DR, Stephens MJ. The Effects of a Novel Training Paradigm on Balance and ADLs – Preliminary Results. New York Physical Therapy Association Annual Conference. |
| June, 2001 | Whitney SL, Wrisley DM, Gee M, Redfern MS, Furman JM. Normal Values For The Five Times Sit To Stand Test And Gait Speed In Healthy Older Adults. Platform presentation at APTA Annual Conference |
| April, 1999 | Wrisley DM. “Performance of Older Adults on Static Balance Tests.” Platform Presentation at Virginia Physical Therapy Association Annual Conference, 4/99. Awarded Best Clinician Paper. |
| September 1998 | Wrisley DM. “Assessment and Treatment of Balance Deficits in the Elderly” Invited Presentation at Tidewater Physical Therapy Association District Meeting |
| April, 1997 | Wrisley DM, Cowand JL, Walker ML, Echternach J. “Efficacy of Vestibular Rehabilitation” Platform Presentation at Virginia Physical Therapy Association Annual Conference. Awarded Best Clinician Paper. |

February 1997 Wrisley DM, Cowand JL, Walker ML, Echternach J. "Efficacy of Vestibular Rehabilitation" Platform Presentation at Tidewater District Virginia Physical Therapy Association 2/97. Awarded Best Research Presentation.

ABSTRACTS

1. Wrisley DM, Quek J, Landahl J, Shi X, McNerney K, Kumar N. Postural Control in Older Adults with Subclinical Neck Impairments. *JNPT* 2009;33(4):227
2. Horak F, Frank J, Wrisley D, Nardone A, Godi M, Fanchignoni A. Development of a Clinical Balance Evaluation Systems Test (BESTest) for differentiating balance deficits. *JNPT* 2009;33(4):224
3. Zabloney C, Greenberger H, Dickey K, Gerlach R, Gunderson N, Mullen L, Murphy C, Stevenson R, Treder M, Clark E, Wrisley DM. Inter-rater Reliability and Concurrent Validity of the Functional Gait Assessment in the Examination of People with Chronic Stroke. *JNPT* 2008;32(4):213
4. Kumar N, McNerney K, Wrisley DM, Effects of Age-related Sensory and Motor Changes in Balance Performance. Key Biscayne, FL. Neural Control of Movement Meeting 4/2008
5. Wrisley DM, Quek J, Landahl J, Shi X, McNerney K, Kumar N. Postural Control in Older Adults with Subclinical Neck Impairments. Key Biscayne, FL. Neural Control of Movement Meeting 4/2008
6. Wrisley DM, Nunn DR, Stephens MJ. The Effects of a Novel Training Paradigm on Balance and ADLs – Preliminary Results. *JNPT* 2007;30(4):
7. Wrisley DM, Stephens MJ, Wojnowski A, Mosley SM, Duffy JM, Burkard R. The Effect of Repetitive Platform Perturbations on Balance Function in Healthy Young Adults. 2005 Program # 852.11 2005 Abstract Viewer/Itinerary Planner, Washington, DC: Society for Neuroscience, 2005. Online.
8. Wrisley DM, Hlavacka F, Statler KD, Peterka RJ, Horak FB. Postural asymmetries and decreased reliance on vestibular information revealed in people with chronic unilateral vestibular loss Location. Program #867.8. 2004 Abstract Viewer/Itinerary Planner, Washington, DC: Society for Neuroscience, 2004. Online.
9. Statler KD, Wrisley DM, Peterka RJ, Horak FB. Functional Deficits are Correlated with Decreased Reliance on Vestibular Information in People with Chronic Unilateral Vestibular Loss. Abstracts of the Association for Research in Otolaryngology 2004; 27:.
10. Whitney SL, Wrisley DM, Jacob RG, Furman JM. Space and Motion discomfort in Persons with Vestibular Disorders 6 Months to 1 Year after Treatment. *JNPT* 2003; 27(4):183.
11. Horak FB, Frank JS, Meyer L, Tompkins T, Wrisley DM. The Balance Evaluation Systems Test: Reliability, Concurrent Validity, and Internal Consistency. *JNPT* 2003; 27(4):179.
12. 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. *JNPT* 2003; 27(4):181-182.
13. Wrisley DM, Statler KD, Hlavacka F, Peterka RJ, Horak FB. The Relationship Between Impaired Vestibular Somatosensory Reweighting, Postural Asymmetries and Functional Deficits in People with Unilateral Vestibular Loss. Human Postural Control Conference, Bratislava, Slovakia. 9/6-9/03.
14. Wrisley DM, Statler KD, Hlavacka F, Okita N, Peterka RJ, Horak FB. Static versus Dynamic Postural Asymmetries in People with Chronic Vestibular Loss. Society for Neuroscience, 2003.
15. Statler KD, Wrisley DM, Hlavacka F, Okita N, Horak FB, Peterka RJ. Chronic Unilateral Vestibular Loss Impairs Vestibular-Somatosensory Reweighting for Posture Control. Society for Neuroscience, 2003.

16. Wrisley DM, Sparto PJ, Whitney SL, Erhard RE, Redfern MS, Furman JM. Cervical-Vestibular Interaction In Patients With Cervicogenic Dizziness. Abstracts of the Association for Research in Otolaryngology 2003; 26:185.
17. Wrisley DM, Marchetti GF, Kuharsky D, Whitney SL. The Reliability of the Vestibular Gait Assessment. Neurology Report 2002; 26(4):213.
18. Whitney SL, Wrisley DM, Brown KE, Furman JM. Is the Perception of Handicap Related to Functional Performance in Persons with Vestibular Dysfunction? Neurology Report 2002; 26(4):214.
19. Whitney SL, Marchetti GF, Wrisley DM, Schaade A. The Timed "Up & Go" and its relationship to Reported Falls in Persons with Vestibular Disorders. Abstracts for Barany Society Meeting. Journal of Vestibular Research 2002; 11(3-5):291.
20. Wrisley DM, Sparto PJ, Whitney SL, Redfern MS, Furman JM. The influence of head position on postural sway during galvanic vestibular stimulation. Abstracts for Barany Society Vestibular Influences on Movement Satellite Meeting, Journal of Vestibular Research 2002; 11(3-5):196.
21. Whitney SL, Wrisley DM, Berlin JE, Furman JM. The Effect of Age on Vestibular Rehabilitation Outcomes. Abstracts of the Association for Research in Otolaryngology 2002; 25:129.
22. Wrisley DM, Whitney SL, Furman JM. Vestibular Rehabilitation Outcomes in Patients with Cervicogenic Dizziness. Abstracts of the Association for Research in Otolaryngology 2002; 25:232.
23. Unico J, Whitney SL, Marion DW, Wrisley DM. The Effects of Early Sitting on Persons with Acute Brain Injuries. Neurosurgical Meeting, 2001.
24. Whitney SL, Wrisley DM, Redfern MS, Furman JM. Functional Reach in Older Adults With and Without Vestibular Dysfunction. Control of Posture and Gait; Symposium of the International Society for Posture and Gait Research, 2001, Maastricht, The Netherlands: 245-248.
25. Whitney SL, Wrisley DM, Gee M, Redfern MS, Furman JM. Normal Values For The Five Times Sit To Stand Test And Gait Speed In Healthy Older Adults. Physical Therapy 2001; 81(5):A62.
26. Wrisley DM, Sparto PJ, Redfern MS, Whitney SL, Furman JM. The Influence of Head Position on Postural Sway during Galvanic Vestibular Stimulation. Abstracts of the Association for Research in Otolaryngology 2001; 24:119.
27. Whitney SL, Furman JM, Redfern MS, Jacobson J, Wrisley DM, Hodges L. Virtual Reality: A Novel Tool for Rehabilitation. Abstracts of the Association for Research in Otolaryngology 2001; 24:119.
28. Wrisley DM, Whitney SL, Furman JM Vestibular Rehabilitation Outcomes in Patients with a History of Migraine. Neurology Report 2000;24(5):178.
29. Whitney SL, Wrisley DM, Furman JM. Two Cases of Orthostatic Tremor in a Vestibular Rehabilitation Practice. Neurology Report 2000;24(5):183.
30. Brown KE, Whitney SL, Wrisley DM, Furman JM. Physical Therapy Outcomes for Persons with bilateral vestibular disease. Neurology Report 2000;24(5):181-182.
31. Landgraff NC, Whitney SL, Wrisley D, Berlin J. Physical Therapist Prediction Accuracy of Discharge Placement from Acute Care. Stroke 2001;32(1):380-381 P228.
32. Whitney SL, Wrisley DM, Brown KE, Furman JM. Physical Therapy for Migraine-Related Vestibulopathy. Abstracts of the Association for Research in Otolaryngology 2000;23:98.
33. Wrisley DM, Walker ML, Echternach J, Strasnick B. Reliability of the Dynamic Gait Index in Vestibular Disorders. Neurology Report 1999;23(5).
34. Wrisley DM. Performance of Older Adults on Static Balance Tests. Neurology Report 1998;22(5):163.

35. Fineman-Segal J, Wrisley DM. Student Clinic: A Model for Clinical Education. *Physical Therapy* 1991;71(6 Suppl):S15.
36. VanSant AF, Cromwell S, Deo A, Ford-Smith C, Wrisley D. Rising to Standing From Supine on the Floor – A Study of Middle Adulthood. *Physical Therapy* 1988;68(5):830.

NON-PEER REVIEWED PUBLICATIONS

1. Wrisley DM. Chapter 61 Balance Testing and Training. In Kauffman TL (Editor) *Geriatric Rehabilitation Manual* Elsevier, Oxford, UK. 2007:409-414.
2. Wrisley DM, Brown KE. Impairment in Balance. In Huber F and Wells CL (Editors) *Therapeutic Exercise: Planning for Progression*. W.B Saunders, Philadelphia. 2006:126-173.
3. Wrisley DM, Pavlou M. Physical Therapy for Balance Disorders. *Neurologic Clinics of North America*. 2005;23(3):855-74
4. Whitney SL, Wrisley DM. Vestibular Rehabilitation. In Kent RD (ed). *MIT Encyclopedia of Communication Disorders*. MIT Press. Boston. 2003:563-569.
5. Wrisley DM. Off Balance: Cervicogenic Dizziness can be Difficult to Diagnose and Treat. *Advance for Directors in Rehabilitation*. 2001;10(11):57-58.
6. Wrisley DM, Sparto P, Whitney SL, Furman JM. Cervicogenic Dizziness: A Review of Diagnosis and Treatment. *Journal of Orthopedic Sports Physical Therapy*. 2000;30(12):755-766.

NON-PEER REVIEWED PRESENTATIONS

INVITED PRESENTATIONS

- | | |
|---------------|--|
| April, 2011 | Differential Diagnosis of Migraine-related Vestibulopathy and Cervicogenic Dizziness. Virginia Physical Therapy Association Spring Conference. |
| March, 2009 | The Effect Of Novel Training Paradigms On Balance And ADLs – Preliminary Results. Vestibular Rehabilitation: An Advanced Course and Update. University of Pittsburgh, Pittsburgh, PA. |
| March 2009 | Evaluation and Treatment of Cervicogenic Dizziness. Vestibular Rehabilitation: An Advanced Course and Update. University of Pittsburgh, Pittsburgh, PA |
| March, 2008 | The Effect Of Novel Training Paradigms On Balance And ADLs – Preliminary Results. Vestibular Rehabilitation: An Advanced Course and Update. University of Pittsburgh, Pittsburgh, PA. |
| March, 2007 | The Effect Of Novel Training Paradigms On Balance And ADLs – Preliminary Results. Vestibular Rehabilitation: An Advanced Course and Update. University of Pittsburgh, Pittsburgh, PA. |
| March, 2007 | Dizziness, Imbalance, and the Cervical Spine. Tidewater Physical Therapy Association, Portsmouth, VA. |
| January, 2007 | The Effects Of Novel Training Paradigms. Regis University, Denver, CO. |
| April, 2006 | The Management of Balance Disorders in Geriatrics and Cognitive Impairment. Balance Disorders: Recent Advances & Implications for Patient Management. Rush University Medical Center, Chicago, IL. |
| April, 2005 | Wrisley DM. Emerging Techniques in the Treatment of Balance Disorders. Dizziness and Balance Disorders Support Group of Western New York. |

March, 2005 Wrisley DM. Invited Presentation: Emerging Techniques in the Evaluation and Treatment of Balance Disorders. NY Physical Therapy Association Western District Meeting.

August, 2004 Wrisley DM. Invited Presentation: Vestibular Rehabilitation. Kings Island ABR and ENG/VNG Course. Kings Island, OH.

February, 2003 Wrisley DM. Invited Presentation: Migraine Related Vestibulopathy. APTA Combined Sections Meeting.

October, 2002 Whitney SL, Wrisley DM. Invited Faculty: Rocky Mountain School of Health Professions, Doctoral Program, Geriatric Track, Management of Balance and Falls.

June, 2002 Whitney SL, Wrisley DM. Invited Faculty: Slippery Rock University, Physical Therapy Program, Six hour vestibular rehabilitation Update June 2002.

February, 2002 Whitney SL, Wrisley DM. Invited faculty: Youngstown State University, Physical Therapy Program. Six hour vestibular rehabilitation course.

August, 2001 Whitney SL, Wrisley DM. Invited Faculty: Rocky Mountain School of Health Professions, Doctoral Program, Geriatric Track, Management of Balance and Falls.

November, 2001 Wrisley, DM. Invited Presentation: Low-Tech Balance and Falls Assessment. American Gerontologic Association. Chicago, IL.

June, 2001 Erhard R, Whitney SL, Wrisley DM. Cervicogenic Dizziness: The evidence for treatment and ideas for intervention. Six hour educational session. American Physical Therapy Association Annual Conference and Exposition. Anaheim, California.

May, 2001 Whitney SL, Wrisley DM. Invited Faculty: Slippery Rock University, Physical Therapy program, Six hour vestibular rehabilitation Update.

February, 2001 Wrisley DM. Invited Presentation: Challenges in the Assessment and Treatment of the Person With Dizziness Secondary to Traumatic Brain Challenge. Vestibular and Brain Injury Special Interest Groups Meeting, APTA Combined Section Meeting.

October, 2000 Wrisley DM, Whitney SL. Vestibular Rehabilitation: Evaluation and Treatment. Invited Presentation: Tidewater Physical Therapy Association Continuing Education Conference.

October, 2000 Wrisley DM. Balance Disorders: Which Way is Up? Invited Presentation: Pennsylvania Occupational Therapy Association 2000 Annual Conference.

October, 2000 Whitney SL, Wrisley DM. Invited faculty: Youngstown State University, Physical Therapy Program. Six hour vestibular rehabilitation course.

October, 1999 WHITNEY SL, Wrisley DM Invited faculty: Youngstown State University, Physical Therapy Program. Eight hour vestibular rehabilitation course.

September, 1999 Wrisley DM. Vestibular Anatomy And Physiology Lecture. Vestibular Elective Class. University of Pittsburgh, Department of Physical Therapy.

April, 1999 Wrisley DM, Walker ML, Echternach J, Strasnick B. "Reliability of the Dynamic Gait Index in Vestibular Disorders." Platform Presentation at Virginia Physical Therapy Association Annual Conference.

May, 1995 Wrisley DM. " Evaluation and Treatment of Vestibular Disorders" Invited Presentation at Tidewater Physical Therapy Association District Meeting.

GRANT ACTIVITY

FUNDED

WNY Community Health Foundation – Principle Investigator
Falls Prevention Collaborative to Older Adults
Amount \$25,000 – 1 year
Period 4/1/09-5/31/10

Balance training with repetitive platform perturbations
Role: Principle Investigator
Agency: Foundation for Physical Therapy
Amount: \$40,000
Period: 6/1/08 – 2/28/10

The Effect of Frailty and Aging on Balance
Role: Principal Investigator
Agency: New York State Physical Therapy Association
Amount: \$3000
Type: Research Designated Funds; Period: 11/15/2006 to 11/14/2007

The Use of Repetitive Platform Perturbations to Improve Central Vestibular Spinal Compensation
Role: Principal Investigator
Agency: New York State Physical Therapy Association
Amount: \$3000
Type: Research Designated Funds; Period: 5/05 to 9/06

The Influence of Head Position on Postural Vertical
Role: Principal Investigator
Sponsor: Fay B. Horak, PhD, PT
Agency: NIH-NIDCD
Amount: \$67,200
Type: F32 DC005870; Period: 9/3/02 to 9/2/05 terminated 9/2/04 due to faculty position

Predoctoral Fellowship for Students with Disabilities
Role: Principal Investigator
Sponsor: Joseph M. Furman, MD, PhD
Agency: NIH-NIDCD
Amount: \$31,560
Type: F31 DC04784; Period: October 1, 2000 to September 31, 2002

IN REVIEW

NOT FUNDED

The Effect of Balance Training With Vibrotactile Tilt Feedback on Fall Risk in Older Adults
Role: Principal Investigator
Agency: NIH
Amount: \$430,341
Type R21; Period 7/1/07 to 6/31/09

The Use of Repetitive Platform Training for Postural Compensation
Role: Principal Investigator

Agency: NIH-NIDCD
Amount: \$237,750 – 3 years
Type R03; Period 7/10/06 to 6/31/09

Balance training with repetitive platform perturbations
Role: Principle Investigator
Agency: Foundation for Physical Therapy
Amount: \$40,000 – 1 year
Type: Clinical Research Grant; Period 1/1/06 to 12/31/06

Central Compensation for Vestibular Dysfunction
Role: Principle Investigator
Agency: University at Buffalo
Amount: \$36,450 – 1 year
Type: Interdisciplinary Research and Creative Activities Fund (IRCAF); Period 11/1/04 – 10/31/04

OTHER SCHOLARLY PRODUCTS: None

RESEARCH ACTIVITY

Wrisley DM, Swiggum M, Gibson A. Sensory Function in Children with Asperger's Syndrome. Unfunded. Data collection initiated. Abstract submitted to APTA CSM 2012

Wrisley DM, Stephens MJ, Wojnowski A, Mosley SM, Duffy JM, Burkard R. Learning Effects of Repetitive Administrations of the Sensory Organization Test in Healthy Young and Older Adults. Normative descriptive study. Unfunded. Data on young adults published in *Archives of Physical Medicine and Rehabilitation*. Manuscript on comparison of young and older adults in preparation

Wrisley DM, Stephens MJ, Alberry J, Booth T, Linz J, Nunn D, Burkard R. The Effect of Repetitive Platform Rotations on Balance Function in healthy young adults. Normative Descriptive Study. Unfunded. Data Analysis ongoing, manuscript in preparation for submission to *Archives of Physical Medicine and Rehabilitation*.

Wrisley DM, Kumar NA, Nunn DA, Stephens MJ. The Effects of a Novel Training Paradigm on Balance. Randomized clinical trial. Funded by NYPTA and Foundation for Physical Therapy. Data analysis ongoing. Presented in poster format at NYPTA annual conference 10/2006 and CSM 2007. R03 submitted 11/05, and resubmitted 10/07 - scored but not funded. Manuscript in progress.

Wrisley DM, Statler KS, Karlsson R, Stephens MJ, Oddsson L, Wall C III. Vibrotactile Feedback of Trunk Tilt or Foot Pressure Decreases Fall Risk in Older Adults. Randomized clinical trial. Unfunded, Data analysis ongoing. R21 submitted 10/1/06 and resubmitted 11/07 – scored but not funded. One manuscript published in *Gait and Posture*, additional manuscripts in preparation.

Wrisley DM, Kumar NA, Stephens MJ. The Effect Of Aging And Frailty On Balance. Descriptive longitudinal study. Funded by NYPTA. Several manuscripts in preparation

Wrisley DM, Stephens MJ, Gdowski G, Paige G. Central Postural Compensation for Vestibular Dysfunction. Longitudinal descriptive study. Unfunded. Data Collection and Analysis ongoing.

Wrisley DM, Stephens MJ, Gdowski G, Paige G. Effect of Head Turns on Balance and Gait in Patients with Unilateral Vestibular Loss. Longitudinal descriptive study. Unfunded. Data Collection and Analysis ongoing.

Kumar N, Stephens MJ, Wrisley DM. Postural response to multi-axis perturbations in healthy young adults. Descriptive Study. Unfunded. Data Collection and analysis ongoing.

Stephens MJ, Wrisley DM. Sensory weighting in elite athletes differs from healthy young adults. Descriptive Study. Unfunded. Data collection and analysis ongoing. Manuscripts in preparation

Horak FB, Wrisley DM, Frank JS. The Balance Evaluation Systems Test: Reliability, Concurrent Validity, and Internal Consistency. Test Development, Reliability study. Unfunded. Published in *Physical Therapy*

CONTINUING EDUCATION WORKSHOPS CONDUCTED

Wrisley DM Vestibular Rehabilitation. 1 day course in support of Foundation for Physical Therapy, Lynchburg College April 2011.

Wrisley, DM Dizziness and the Cervical Spine: 2-day course presented through North American Seminars. 2004- present (13 courses presented to date)

Wrisley DM, Burkard R, Roberts S. Invited Presentation: Advanced Vestibular Techniques. Thompson Health, Canandaigua, NY. February 12-13, 2005.

Wrisley DM, Vidal PG. Invited Presentation: Making Sense of Cervicogenic Dizziness: Combining Neurologic & Orthopedic Approaches. APTA Combined Sections Meeting Pre-Conference Course, February 2004.

MEMBERSHIP IN SCIENTIFIC / PROFESSIONAL ORGANIZATIONS

ORGANIZATION	POSITION	DURATION
Society for Neuroscience	Member	2000 - Present
Association for Research in Otolaryngology	Member	2000 - Present
International Society for Posture and Gait	Member	2001 - Present
American Physical Therapy Association	Member	1984 - Present
Member Neurology, Research, Geriatrics, and Education Sections		
Research Committee Chair, Virginia Physical Therapy Association		2010 - Present
Chair, Neurology Specialty Council		2007-2009
American Board of Physical Therapy Specialties		
Neurology Specialty Council		2006 - 2009
American Board of Physical Therapy Specialties		
American Board of Physical Therapy Specialties		2004
Standard Setting Committee for Neurological Specialty Exam		
Vice-Chair, Vestibular Special Interest Group, Neurology Section		2001 - 2007
Nominating Committee Chairperson, Balance and Falls Special Interest Group, Neurology Section		2000 - 2001
Specialization Academy of content Experts (SACE) Item Writer for Neurological Clinical Specialist Exam. American Board of Physical Therapy Specialists		2001 - 2003
American Physical Therapy Association Reviewer of CARF guidelines for Brain Injury Programs		1999
Nominating Committee Chairperson, Brain Injury Special Interest Group,		1997 - 1999

Neurology Section	
Public Relations Chair, Tidewater District, Virginia Chapter	1994 - 1996
Delegate to New York Chapter House of Delegates	1991
Membership Chair, Hudson Valley District, New York Chapter	1990 - 1991
Acting Chair, Tulsa District, Oklahoma Chapter	1986
Secretary, Tulsa District, Oklahoma Chapter	1985 - 1986
Public Relations Chair, Tulsa District, Oklahoma Chapter	1984 - 1985
Student Member	1982-1984.

CONSULTATIVE AND ADVISORY POSITIONS HELD

ROLE	AGENCY	DURATION
Participant	NIH Toolbox, Vestibular and Balance Committee	2007- 2009
Outside Grant Reviewer	Veterans Administration rehabilitation Research and Development	2005 - 2007
Reviewer	Experimental Brain Research	2007-present
Reviewer	Journal of Neuroengineering and Rehabilitation	2006 - present
Reviewer	Archives of Physical Medicine and Rehabilitation	2005 - Present
Reviewer	Medical Science Monitor	2004 - Present
Reviewer	Journal of Neurologic Physical Therapy	2003 - Present
Reviewer	Gait and Posture	2003 - Present
Reviewer	Journal of Vestibular Research	2002 – Present
Reviewer	Physical Therapy Journal	2002 – Present

COMMUNITY SERVICE

ROLE	AGENCY	DURATION
Member	Centra Health System Human Subjects Institutional Review Board	2010-present
Sponsor	Dizziness and Balance Disorders Support Group University at Buffalo	2005 – 2006
Judge	Regional and International Intel International Science and Engineering Fair Competition	2004
Assistance/Interactive Booth Cognitive Effects on Balance	Oregon Health and Science University Neurological Sciences Institute Brain Fair	2003
Youth Group Adult Leader	Church of the Ascension, Pittsburgh, PA	2001 - 2002
Children's Forum Instructor	Church of the Ascension, Pittsburgh, PA	2000 – 2002
Altar Guild Member	Church of the Ascension, Pittsburgh, PA	2000 – 2002

UNIVERSITY SERVICE

DIVISION	ROLE	YEARS
Lynchburg College		
College	Human Subjects Institutional Review Board	2010-present
School of Health Sciences and Human Performance	School Council	2010-present
Doctor of Physical Therapy Program	Chair, Research Committee	2010-present
Doctor of Physical Therapy Program	Member, Policy and Procedure Committee	2010-present
University at Buffalo		
Public Health and Health Professions	Faculty Council Dept Representative	2006 – 2009

Public Health and Health Professions Department of Rehabilitation Science	Core Curriculum EBP Committee	2007 - 2008
	Perry Scholarship Committee	2004, 2008
	Orientation Manual Development Committee	2004 – 2005
	Admission Interviewer Physical Therapy Program	2004 – Present
	Admissions Dossier Reviewer Physical Therapy Program	2004 – Present
	Liaison, Student Conclave and Pittsburgh-Marquette Challenge	2004 – Present

HONORS AND AWARDS

2004	Robert Salant Award: Best Case Report New York Physical Therapy Association
2002	Award for Clinical Excellence in Neurological Physical Therapy Neurology Section, American Physical Therapy Association
2000	Patricia Leahy Memorial Doctoral Scholarship Neurology Section, American Physical Therapy Association
1999	Inducted into Phi Kappa Phi Honor Society
1999	Jack L. Echternach Award for Best Clinician/Faculty Paper Virginia Physical Therapy Association Annual Conference
1997	Best Clinician Paper Virginia Physical Therapy Association Annual Conference
1997	Best Research Presentation, Tidewater District Virginia Physical Therapy Association Research Meeting

CONTINUING EDUCATION

February, 2011	APTA Combined Sections Meeting
October, 2010	VPTA Fall Conference
February, 2009	APTA Combined Sections Meeting
February, 2008	APTA Combined Sections Meeting
February, 2007	APTA Combined Sections Meeting
February, 2006	APTA Combined Section Meeting
July, 2005	Faculty Development Workshop, APTA Section on Education, Miami, FL
July 15 – 22, 2005	III STEP, APTA Neurology Section, Salt Lake City, UT
February, 2005	APTA Combined Section Meeting
October, 2004	Hooked on Evidence: Contributing to the Database and Using It in Practice NYPTA Meeting
February, 2004	APTA Combined Section Meeting

CURRENT TEACHING RESPONSIBILITIES

Lynchburg College

Primary Teaching Responsibilities

Course Number	Course Name	Semester	Years	Credit Hours	Percentage ^a
DPT 711	Evidence-based PT Practice I	Fall	2010-Present	4	100
DPT 722	Evidence-based PT Practice II	Spring	2011-Present	3	100
DPT 811	Evidence-based PT Practice III	Fall	2011-Present	2	100
DPT 814	Neuromuscular Dysfunction I	Fall	2011-Present	4	100
DPT 824	Neuromuscular Dysfunction II	Spring	2012-Present	3	100

Secondary Teaching Responsibilities

DPT 720	Pathology	Spring	2011-Present	3	
DPT 723	Integrated Case Application Lab I	Spring	2011-Present	2	
DPT 724	Neuroanatomy	Spring	2011-Present	2	
DPT 725	Motor Development and Motor Behavior of the Lifespan	Spring	2011-Present	3	

PREVIOUS TEACHING RESPONSIBILITIES

University at Buffalo

Course Number	Course Name	Semester	Years	Credit Hours	Percentage ^a
PT 505	Evidenced Based Practice II	Spring	2007- 2009	3	100
PT 604	Neuromuscular II (Course Coordinator)	Spring	2004 – 2010	5	50
PT 718	Enrichment Capstone	Spring	2004 – 2010	4	100

^a Percentage of the total responsibility for the course

PREVIOUS TEACHING RESPONSIBILITIES BEYOND ENTRY-LEVEL PROGRAM:

Course Number	Course Name	Semester	Years	Credit Hours	Percentage ^a
RSC 699	Dissertation Guidance	Spring and Fall	2005- 2009	varies	100
RSC 599	Independent Study	Fall, Spring, and Summer	2005- 2009	varies	100

GRADUATE STUDENTS:

2006 to 2011: Abbey Greene

Doctoral Thesis External Committee Member
University of Rochester

2005 to 2009:

Neeraj Kumar, PT
Doctoral Thesis Committee Chair
University at Buffalo

2004 to 2009:

Kristen Klyzek, PT
Doctoral Thesis Committee Member
University at Buffalo

2004 to 2011

Marcia Hall Thompson, DPT
Doctoral Thesis Committee Chair
Rocky Mountain University of Health Professions

2009 to 2010

Melissa Freifeld, UB DPT

Capstone Mentor
Differences in performance and outcomes in supervised vs unsupervised group exercise in older adults

2009 to 2010 Lily Lin, Lily Wong, Curtis Payne, UB DPT
Capstone Mentor
Previous Exposure to Platform Perturbations Decreases the Older Adults' Learning Effect on the Sensory Organization Test

2008 to 2009 Melissa Cincotta, Megan Kaputa, Nicole Mozenti, UB DPT
Capstone Mentor
Learning Effects of Repetitive Administrations of the Sensory Organization Test in Healthy Older Adults

2008 Micah McCurty, UB ES Practicum
Practicum Mentor

2008 to 2010 Xin Wen Shi, UB DPT
Capstone Mentor
Older Adults Utilize Sensory Information for Balance differently based on their risk of falls

2008 to 2009 Allison Reiffe, UB DPT
Capstone Mentor
Patient Case Report

2008 to 2010 Andrew Griffith, UB DPT
Capstone Mentor
Systematic Review of Spine Related Clinical Prediction Rules

2008 Suhkpreet Kaur, UB ES Master's Practicum
Practicum Mentor
Older adults ability to adapt to postural perturbations is related to fall risk

2008 Joseph Landahl, UB ES Internship Student
Internship Mentor
Aging Effects of the use of Sensory information for Balance

2007 June Quek, MS, PT
Research Intern from Singapore General Hospital
Postural Control in Older Adults with Subclinical Neck Impairments

2006 to 2008 Jamie Husted, Carmella Bravo, Melinda Brookman, Kari Massarotti, UB DPT
Capstone Mentor
Balance Training Using Karate-Based Movements

2006 to 2008 Julie Hibner, Mary Hunter, Katrina Kaufman, Shaun Reister, UB DPT
Capstone Mentor
Hockey Players use of sensory information for balance is dependent on skill level

2006 to 2008 Sarah Abbott, Sean Klinck, Xin Wen Shi, Lily Wong, UB ES Practicum
Practicum Mentor
Sensory Information for Balance Differs Between Young and Middle Aged

2006 to 2007 Chris Pyke and Brad Stevens, UB DPT
Capstone Mentor
The effect of head turns during gait in patients with vestibular loss

2006 to 2007 Julie Lewandowski, UB DPT
Capstone Mentor
Case Report: Unexplained dizziness in a young adult

2005 to 2007 Darcy Nunn, Trisha Goldwater, James Alberry, James Linz, UB DPT
Capstone Mentor
The Effect of Repetitive Platform Perturbations on Balance Function in
Healthy Young Adults

2004 to 2005 Shawn Mosley and Jordan Duffy, UB Doctor of Physical Therapy
Capstone Mentor
Learning Effects of Repetitive Administrations of SOT in Healthy Young
Adults

2003 to 2004 Larry Myers and Trent Tompkins, Pacific University Doctor of Physical Therapy
Thesis Reader and mentor
