

Harvey W. Wallmann

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Western Kentucky University

Education:

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|-----|--|------|-----------------------------|
| DSc | Loma Linda University, Loma Linda, CA | 2000 | Physical Therapy |
| MS | University of Indianapolis, Indianapolis, IN | 1989 | Physical Therapy |
| MS | Purdue University, West Lafayette, IN | 1986 | Exercise Physiology |
| BA | Purdue University, West Lafayette, IN | 1985 | Movement and Sports Science |

Licensure Information/Registration Number: Kentucky # 005851, Nevada #1091, Arizona #2045, Indiana #05002604

Employment and Positions Held:

Academic Employment:

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|-----------------------|---|
| July 2011 – present | Director, Professor, Tenured, Doctor of Physical Therapy Program, Western Kentucky University (WKU), Bowling Green, KY |
| July 2008 – June 2011 | Chair, Associate Professor, Tenured, Department of Physical Therapy, University of Nevada, Las Vegas (UNLV), Las Vegas, NV |
| July 2006 – June 2008 | Associate Professor, Tenured, Department of Physical Therapy, UNLV, Las Vegas, NV |
| May 2005 – July 2006 | Interim Dean, Tenured, School of Health and Human Sciences, UNLV, Las Vegas, NV |
| July 1997 – June 2005 | Chair, Assistant/Associate Professor, Tenured 2003, Department of Physical Therapy, UNLV, Las Vegas, NV |

Clinical Employment:

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|------------------|---|
| 2009 – June 2011 | Physical Therapist/Consultant, Tru Physical Therapy, Henderson, NV |
| 2009 – 2010 | Physical Therapist/Consultant, Comprehensive Therapy Centers, Las Vegas, NV |
| 1999 – 2000 | Canyon Ranch Spa, Physical Therapist/Consultant, Venetian Casino, Las Vegas, NV |
| 1999 – 2000 | Green Valley Physical Therapy, On-call Physical Therapist, Henderson, NV |
| 1992 – 1996 | Strength Training, Inc., Director of Physical Therapy, Phoenix, AZ |
| 1994 – 1996 | Strength Training, Inc., Clinical Instructor, Phoenix, AZ |
| 1994 – 1996 | Mesa High School, Assistant Athletic Trainer, Mesa, AZ |
| 1992 – 1996 | Arizona Contract Physical Therapy, Home Health Physical Therapist, Phoenix, AZ |
| 1991 – 1992 | HealthSouth, Clinic Coordinator, Phoenix, AZ |
| 1991 | Physician's Physical Therapy Service, Staff Physical Therapist, Phoenix, AZ |
| 1990 – 1991 | The Well Mill, Assistant Administrator, Fort Worth, TX |
| 1989 – 1990 | Physical Performance Center, Staff Physical Therapist, Muncie, IN |

Peer-Reviewed Publications:

- Delgado T, Kubera-Shelton E, Robb R, Hickman R, **Wallmann HW**, Dufek J. Effects of footstrike on low back posture, shock attenuation, and comfort. *Medicine and Science in Sports and Exercise*. DOI:10.1249/MSS.0b013e3182781b2c.
- **Wallmann HW**, Evans NS, Day C, Neelly KR. Interrater Reliability of the Five-Times-Sit-to-Stand Test. *Home Health Care Management & Practice*. DOI: 10.1177/1084822312453047.
- **Wallmann HW**, Player KR, Bugnet, M. Acute Effects of Static Stretching on Balance in Young versus Elderly Adults. *Physical & Occupational Therapy in Geriatrics*. DOI: 10.3109/02703181.2012.719076.
- **Wallmann HW**, Christensen SD, Perry C, Hoover DL. The Acute Effects of Various Types of Stretching Static, Dynamic, Ballistic, and No Stretch of the Iliopsoas on 40 Yard Sprint Times in Recreational Runners. *International Journal of Sports Physical Therapy*. 7(5):540-547, 2012.
- Puentedura EJ, Anders J, March J, Perez A, Landers M, **Wallmann H**, Cleland J. Safety of cervical spine manipulation: are severe adverse events preventable and are manipulations being performed appropriately? A review of 134 case reports. *Journal of Manual & Manipulative Therapy*. 20(2):66-74, 2012. DOI: 10.1179/2042618611Y.0000000022.
- **Wallmann HW**, Hoover DL. Research and Critical Thinking: An Important Link for Exercise Science Students Transitioning to Physical Therapy. Invited Editorial. *International Journal of Exercise Science*. 5(2):93-96, 2012.
- **Wallmann H**. Flexibility and stretching. In: Shankman GA, Manske RC. (eds). *Fundamental Orthopedic Management for the Physical Therapist Assistant*, 3rd edition, Mosby, Inc. St. Louis, MO, 2011.
- **Wallmann HW**. A brief look at shingles. *Home Health Care Management & Practice*. 23(4):299-302, 2011.

- **Wallmann HW.** Overview of wrist and hand orthopaedic special tests. *Home Health Care Management & Practice.* 23(3):218-220, 2011.
- **Wallmann HW.** Overview of wrist and hand injuries, pathologies, and disorders: Part II. *Home Health Care Management & Practice.* 23(2):146-148, 2011.
- **Wallmann HW.** Overview of wrist and hand injuries, pathologies, and disorders: Part I. *Home Health Care Management & Practice.* 23(1):60-62, 2011.
- **Wallmann HW.** Overview of elbow injuries, pathologies, and disorders. *Home Health Care Management & Practice.* 22(6):445-447, 2010.
- **Wallmann HW.** Overview of shoulder orthopaedic special tests. *Home Health Care Management & Practice.* 22(5):364-366, 2010.
- **Wallmann HW.** Overview of shoulder injuries, pathologies, and disorders. *Home Health Care Management & Practice.* 22(4):286-288, 2010.
- **Wallmann HW.** Introduction to musculoskeletal assessment. *Home Health Care Management & Practice.* 22(3):235-237, 2010.
- Puentedura EJ, Brooksby CL, **Wallmann HW**, Landers MR. Rehabilitation Following Lumbosacral Percutaneous Nucleoplasty: A Case Report. *Journal of Orthopaedic & Sports Physical Therapy*, 40(4):214-224, 2010, Epub 12 March 2010. doi:10.2519/jospt.2010.3115
- Young DL, **Wallmann HW**, Poole I, Threlkeld AJ. Body weight supported treadmill training at very low treatment frequency for a young adult with incomplete cervical spinal cord injury. *NeuroRehabilitation*, 25(4):261-70, 2009.
- **Wallmann H**, Schuerman S, Kruskall L, Alpert P. Administration of an exercise regimen in assisted-living facilities to improve balance and activities of daily living: a pilot study. *Home Health Care Management & Practice.* 21(6):419-426, 2009.
- Weber MD, Thein-Nissenbaum J, Bartlett L, Woodall WR, Reinking MF, **Wallmann HW**, Mulligan EP. Competency revalidation study of specialty practice in sports physical therapy. *North American Journal of Sports Physical Therapy*, 4(3):110-122, 2009.
- Alpert P, Miller S, **Wallmann H**, Havey R, Cross C, Chevalia T, Gillis C, Kodandapari K. The Effect of Modified Jazz Dance on Balance, Cognition and Mood in Older Adults. *Journal of the American Academy of Nurse Practitioners*, 21:108-115, 2009.
- **Wallmann H**, Gillis C, Alpert P, Miller S. The effect of a senior jazz dance techniques class on static balance in healthy older women: a pilot study. *Biological Research in Nursing*, 10(3):257-266, 2009.
- **Wallmann HW.** Introduction to gait analysis. *Home Health Care Management & Practice.* 22(1):66-68, 2009.
- **Wallmann HW.** The basics of balance and falls. *Home Health Care Management & Practice.* 21(6):436-439, 2009.
- **Wallmann HW.** Stretching and flexibility in the aging adult. *Home Health Care Management & Practice.* 21(5):355-357, 2009
- Samuel MN, Holcomb WR, Guadagnoli MA, Rubley MD, **Wallmann H.** Acute effects of static and ballistic stretching on measures of strength and power. *Journal of Strength and Conditioning Research*, 22(5):1422-1428, 2008.
- **Wallmann HW**, Mercer JA, Landers MR. Surface EMG assessment of the effect of dynamic activity and dynamic activity with static stretching of the gastrocnemius on vertical jump performance. *Journal of Strength and Conditioning Research*, 22(3):787-793, 2008.
- **Wallmann HW**, Gillis CB, Martinez NJ. The effect of different stretching techniques of the quadriceps muscles on agility performance in female collegiate soccer athletes: a pilot study. *North American Journal of Sports Physical Therapy*, 3(1):41-47, 2008.
- Landers MR, Cheung W, Miller D, Summons T, Druse T, **Wallmann H**, McWhorter J. Workers' compensation and litigation status influence the functional outcome of patients with neck pain. *Clinical Journal of Pain.* 2007. 23(8):676-682.
- **Wallmann H.** Muscle fatigue, In: Sports Specific Rehabilitation. ed. Donatelli R. Elsevier Science, 2007.
- Reinking M., **Wallmann H.** Training for aerobic power and endurance, In: Critical Decisions in Therapeutic Exercise: Planning and Implementation. Pearson Prentice Hall, 2006.
- **Wallmann H**, Noteboom T. Stretching for Musculotendinous Extensibility, Joint Flexibility, In: Critical Decisions in Therapeutic Exercise: Planning and Implementation. Pearson Prentice Hall, 2006.
- **Wallmann HW.** Observational Gait Analysis: Normal and Pathological Gait, In: Orthopaedic Clinical Fact Finder Series. Elsevier Science, EVOLVE project, 2006.
- McWhorter JW, Landers M, **Wallmann H**, Altenburger P, Berry K, Tompkins D, Higbee C. The effects of loaded, unloaded, dynamic, and static activities on foot volumetrics. *Physical Therapy in Sport*, 7(2):81-86, 2006.
- **Wallmann HW.** Orthopaedic Section, APTA, Inc. Strength and Conditioning Independent Study Course: *Stretching and Flexibility*, 15.3.1., 2005.
- **Wallmann H**, Mercer J, McWhorter JW. Surface EMG assessment of the effect of static stretching of the gastrocnemius on vertical jump performance. *Journal of Strength and Conditioning Research*, 2005; 19(3):684-688.
- Landers MR, Wulf G, **Wallmann HW**, Guadagnoli MA. An external focus of attention attenuates balance impairment in patients with Parkinson's disease who have a fall history. *Physiotherapy*, 2005; 91(3):152-158.
- McWhorter JW, Landers MR, **Wallmann HW.** A preliminary study of the effects of verbal motivation on maximal isokinetic torque production in children with varying personality types. *Pediatric Exercise Science*, 2005; 17:329-336.

- Ferguson PW, Hopwood JD, Sinatra GM, **Wallmann HW**. Selected legal issues influencing evaluation of physical therapy graduate student professional behaviors in the academic environment. *Journal of Physical Therapy Education*, 3(1):16-20, 2005.
- Mangus B, **Wallmann H**, Ledford M. Analysis of postural stability in collegiate soccer players before and after an acute bout of heading multiple soccer balls. *Sports Biomechanics*, 3(2):209-220, 2004.
- McWhorter JW, **Wallmann H**, Landers M, Altenburger B, LaPorta L, Altenburger P. The effects of walking, running, and shoe size on foot volumetrics. *Physical Therapy in Sport*, 4(2):87-92, 2003.
- McWhorter JW, **Wallmann H**, Alpert P. The obese child: motivation as a tool for exercise. *Journal of Pediatric Health Care*, 17(1):11-17, 2003.
- Candela L, **HW Wallmann**, CS Witt. The effect of a low frequency acoustic waveform on peripheral vascular disease: A pilot study. *Complementary Therapies in Medicine*, 10(3):170-175, 2002.
- McWhorter JW, **Wallmann H**, Tandy R. Physical therapy student fitness: a longitudinal study. *Journal of American College Health*, 51(1):32-37, 2002.
- **Wallmann HW**. Balance and the functionally unstable ankle. In Balance, Wallmann H (guest ed): *Orthopaedic Physical Therapy Clinics of North America*, 11(1):33-48, 2002.
- **Wallmann, H.** and J. Rosania. An introduction to periodization training for the triathlete. *Strength and Conditioning Journal*. 23(6):55-64. 2001.
- **Wallmann HW**. Comparison of elderly non-fallers and fallers on performance measures of functional reach, sensory organization, and limits of stability. *Journal of Gerontology Medical Sciences*. 2001 Sep;56(9):M580-583.
- Lohman E, **Wallmann H**. Getting a step up on patellofemoral pain. *ACSM's Health & Fitness Journal*. 5(2):13-19, 2001.
- **Wallmann H**. Achilles tendinitis: eccentric exercise prescription. *ACSM's Health & Fitness Journal*. 4(1):7-16, 2000.
- **Wallmann H**. Ins and outs of athletic shoe design. *ACSM's Health & Fitness Journal*. 3(4):35,37, 1999.
- **Wallmann H**. Low back pain: is it really all behind you?: an excellent 7-Step abdominal strengthening program. *ACSM's Health & Fitness Journal*. 2(5):30-35, 1998.

Peer-Reviewed Scientific and Professional Presentations:

- Puentedura EL, Brooksby C, **Wallmann HW**, Landers MR. Physical therapy rehabilitation following lumbosacral percutaneous nucleoplasty: A case report. APTA Annual Conference in Baltimore, MD, June, 2009.
- Landers MR, Puentedura EL, Davenport J, **Wallmann HW**. Physical therapists' subjective assessment of overreaction in patients with neck pain is predictive of prolonged disability. APTA Annual Conference in Baltimore, MD, June, 2009.
- Young D, **Wallmann H**, Poole I, Threlkeld A. Body weight supported treadmill training at very low treatment frequency for a young adult with incomplete cervical spinal cord injury. APTA CSM Las Vegas, NV, Feb, 2009.
- **Wallmann H**, Gillis C, Alpert A, Miller S. The effect of a modified Jazz Dance class on balance in older women. APTA CSM, Boston. Feb, 2007.
- Gillis C, Martinez N, Matlock A, **Wallmann HW**. The effect of different stretching techniques of the quadriceps muscles on agility performance in female collegiate athletes. APTA CSM, Boston, MA. Feb, 2007.
- Alpert P, Miller S, **Wallmann H**, Havey R. Effect of Jazz Dance on Older Adults National Organization of Nurse Practitioner Faculty annual conference in Orlando, Florida. April, 2006.
- Mangus BC, **Wallmann HW**, Tandy RD. A 3 year Study of Balance in Collegiate Female Soccer Players. FWATA meetings, San Diego, CA. April, 2006.
- McWhorter J, Altenburger E; **Wallmann H**, Landers M. The effects of verbal motivation on maximal isokinetic torque production in children. CSM 2006, San Diego, CA. Feb, 2006.
- McWhorter JW, Berry K, Higbee C, Tompkins D, Altenburger P, **Wallmann H**, Landers L. The effects of loaded, unloaded, dynamic, and static activities on foot volumetrics. CSM, New Orleans. Feb, 2005.
- **Wallmann H**, Candela L, Witt S. The effects of a low frequency acoustic waveform on osteoarthritis: A pilot study, CSM, New Orleans. Feb, 2005.
- Landers MR, **Wallmann HW**. Differences between idiopathic Parkinson's disease fallers and non-fallers on computerized dynamic posturography measurements and subscale scores of the Parkinson's disease questionnaire (PDQ-39). APTA Annual Conference, Chicago, June, 2004.
- Mangus BC, **Wallmann HW**, Ledford M. No changes to collegiate soccer player's balance after a specialized heading practice. NATA Annual Meeting and Clinical Symposium, Baltimore. June, 2004.
- **Wallmann HW**, Kruskall L, Tompkins D, Trout S. Administration of an exercise regimen in an assisted living facility to improve balance and activities of daily living. APTA Annual Conference, Chicago, June, 2004.
- McWhorter JW, **Wallmann H**, Landers M, Altenburger B, LaPorta L, Altenburger P. The effects of walking, running, and shoe size on foot volumetrics at the APTA Annual Meeting, Washington, DC. June, 2003.
- Landers M, Wulf G, **Wallmann H**, Guadagnoli M. The effects of attentional focus on balance in idiopathic Parkinson's disease. APTA Annual Meeting, Washington, DC. June, 2003.
- Landers M, Wulf G, **Wallmann H**, Guadagnoli M. An external focus of attention can attenuate balance impairment in Parkinson's disease. Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity (NASPSA), Savannah, GA. June, 2003.

Abstracts:

- **Wallmann HW**, Burgess C, Somerhalder A, Wild T, Dimotsantos P. The effect of fatigue of the ankle plantarflexors on sensory organization and limits of stability in a healthy, elderly population. *Accepted*.
- Delgado T, Kubera-Shelton E, Robb R, Hickman R, Dufek J, **Wallmann HW**. Effects of footstrike on low back posture, shock attenuation, and comfort. *Accepted*.
- Neelly K, **Wallmann HW**, Backus C. Validity of Measuring Leg Length with Tape Measure Compared to CT Scan. *Accepted*.
- Puentedura EJ, Brooksby C, **Wallmann HW**, Landers MR. Physical therapy rehabilitation following lumbosacral percutaneous nucleoplasty: A case report. *Physical Therapy*, 19538-PT 2009.
- Landers MR, Davenport J, Puentedura EJ, **Wallmann HW**. Physical therapists' subjective assessment of overreaction in patients with neck pain is predictive of prolonged disability. *Physical Therapy*, 19539-PT 2009.
- Young D, **Wallmann H**, Poole I, Threlkeld A. Body weight supported treadmill training at very low treatment frequency for a young adult with incomplete cervical spinal cord injury. *Journal of Neurologic Physical Therapy*, 32(1):216, 2009.
- Gillis C, Martinez N, Matlock A, **Wallmann HW**. The effect of different stretching techniques of the quadriceps muscles on agility performance in female collegiate athletes. *Journal of Orthopaedic and Sports Physical Therapy*, 37(1):A82, 2007.
- **Wallmann H**, Gillis C, Alpert A, Miller S. The effect of a modified Jazz Dance class on balance in older women. *Journal of Geriatric Physical Therapy*. 29(3):124. 2006.
- McWhorter J, Altenburger E; **Wallmann H**, Landers M. The effects of verbal motivation on maximal isokinetic torque production in children. *Journal of Orthopaedic and Sports Physical Therapy*, 36(1):A50, 2006.
- McWhorter JW, Berry K, Higbee C, Tompkins D, Altenburger P, **Wallmann H**, Landers L. The effects of loaded, unloaded, dynamic, and static activities on foot volumetrics. *Journal of Orthopaedic and Sports Physical Therapy*, 35(1):A37, 2005.
- **Wallmann H**, Candela L, Witt S. The effects of a low frequency acoustic waveform on osteoarthritis: A pilot study. *Journal of Orthopaedic and Sports Physical Therapy*, 35(1):A28, 2005.
- Landers MR, **Wallmann HW**. Differences between idiopathic Parkinson's disease fallers and non-fallers on computerized dynamic posturography measurements and subscale scores of the Parkinson's disease questionnaire (PDQ-39). *Physical Therapy*, PO-RR-55-TH-PT 2004.
- **Wallmann HW**, Kruskall L, Tompkins D, Trout S. Administration of an exercise regime in an assisted living facility to improve balance and activities of daily living. *Physical Therapy*, PO-RR-36-F-PT 2004.
- Mangus BC, **Wallmann HW**, Ledford M. No changes to collegiate soccer player's balance after a specialized heading practice. *Journal of Athletic Training*, S-19, NATA Annual Meeting and Clinical Symposium, Baltimore, June 2004.
- Landers, M, Wulf G, **Wallmann H**, Guadagnoli M. The effects of attentional focus on balance in idiopathic Parkinson's disease. *Physical Therapy*, PO-RR-138-F-PT 2003.
- McWhorter JW, **Wallmann H**, Landers M, Krum LL, Altenburger P, Altenburger B. The effects of walking, running, and shoe size on foot volumetrics. *Physical Therapy*, PO-RR-71-F-PT 2003.
- Landers M, Wulf G, **Wallmann H**, Guadagnoli M. An external focus of attention can attenuate balance impairment in Parkinson's disease. *Journal of Sport and Exercise Psychology*. 2003;25:S141.

Non-Peer-Reviewed Presentations:

- **Wallmann, HW**. Running Injuries of the Knee and Lower Leg. WKU Alumni Weekend. June 2012
- **Wallmann, HW**. Does stretching prior to exercise and sports improve performance? March 2009
2009 Nevada Athletic Trainers Symposium
- **Wallmann, HW**. Modified Jazz Dance Effects on Balance, Cognition, and Mood in Older Women October 2007
– Research in Aging Forum, UNLV
- **Wallmann, HW**. NPTA Spring Conference – "Surface EMG assessment of the effect of static stretching of the gastrocnemius on vertical jump performance." March 2004
- **Wallmann, HW**. Western University Physical Therapy Program – *Balance* April 2003
- **Wallmann, HW**. Nevada Orthopaedic study group meeting – *Balance* April 2002
- **Wallmann, HW**. NPTA Annual Fall Conference, "The functionally unstable ankle" September 2001
- **Wallmann, HW**. Participated in special airing of a special television show series November 2001
"Physical Therapy in the Home" on ABC's "The House Detective"
- **Wallmann, HW**. Las Vegas Running Team – *Training and injury seminar* November 2001
- **Wallmann, HW**. Nevada Orthopaedic study group meeting – *Upper Extremity* October 2001
- **Wallmann HW**. Influence of Pre-Jump Stretch and Warm-up on Vertical Jump Performance. September 2001
NPTA State Meeting
- **Wallmann HW**. The effects of a low frequency sonic waveform on osteoarthritis: A pilot study. September 2001
NPTA State Meeting
- **Wallmann HW**. Comparison of elderly non-fallers and fallers on performance September 2001
measures of functional reach, sensory organization, and limits of stability. NPTA State Meeting
- **Wallmann, HW**. Course Co-instructor (.85 CEUs) June 2001
Anatomical and Pathological Review of the Lower Extremity
- **Wallmann, HW**. Nevada Orthopaedic Study Group: *Tendinitis* March 2001

- **Wallmann, HW.** Nevada Orthopaedic Study Group: *Articular Cartilage* January 2001
- **Wallmann, HW.** NPTA: *Foot and Ankle and Gait* January 2001
- **Wallmann, HW.** UNLV Student Health Center employees: *Balance Master* July 2000
- **Wallmann, HW.** Canyon Ranch Spa, "Exercise prescription as an adjunct to manual medicine" February 2000
- **Wallmann, HW.** Canyon Ranch Spa, "Major biomechanical considerations of exercise" December 1999
- **Wallmann, HW.** Senior Advantage, "The effects of balance on the active senior lifestyle" October 1999
- **Wallmann, HW.** Henderson Senior Center, "The effects of balance on the active senior lifestyle" September 1999
- **Wallmann, HW.** UNLV Nursing faculty, Multiple choice test construction presentation September 1999
- **Wallmann, HW.** Nevada Athletic Trainers Association – Las Vegas, NV, "Brachial Plexus Anatomy and Injuries" March 1999
- **Wallmann, HW.** Western University Physical Therapy Program, "Lecturing and Explaining" August 1998
- **Wallmann, HW.** Nevada Association of Radiological Sciences, "Multiple Sclerosis" May 1998
- **Wallmann, HW.** Loma Linda University Physical Therapy Program April, May 1998
- Co-instructor Locomotion Studies

Grant Activity:

- Dufek J, **Wallmann H.** (2010). Clinical Effectiveness of Backward Walking for Balance Improvement. APTA: Clagett Family Research Grant. Amount: \$288,724.00 (Not Funded)
- Dufek, JS, Mercer, JA, **Wallmann, HW.** (2009). A low-cost, convenient fall prevention strategy for older adults with and without fall tendencies. Dr. Scholl Foundation. Amount: \$16,144.00 (Not funded)
- Dufek, JS, Mercer, JA, **Wallmann, HW.** (2008). A Low-Cost, Convenient Fall Prevention Strategy for Older Adults. USI Urban21. Amount: \$39,040.00 (Not funded)
- Neumann E, Dufek J, O'Toole B, **Wallmann H,** Delion D. (2007). To improve the engineering design and production of the Helios orthotic bracing system. Applied Research Initiative; Hereditary Neuropathy Foundation and Ortho Rehab Designs; Amount: \$131,546.00 (Funded)
- **Wallmann H,** Dufek J, Mangus B, Mercer J, Schuerman S. (2006). Retro-locomotion as a clinical intervention for low back pain. UNLV. Amount: \$9,254.00 (Not funded)
- **Wallmann H,** Dufek J, Mangus B, Mercer J, Schuerman S. (2006). Retro-locomotion as a clinical intervention for low back pain. Magistro Grant, Foundation for Physical Therapy. Amount: \$39,170.00 (Not funded)
- **Wallmann H,** Dufek J, Mercer J, Schuerman S. (2005). Retro-locomotion as a clinical intervention for low back pain. Magistro Grant, Foundation for Physical Therapy. Amount: \$39,367.00. (Not Funded)
- Miller S, Alpert P, **Wallmann H.** (2005). Effect of Modified Jazz Dance on Balance. UNLV Center of Excellence in Women's Health Grant. Amount: \$27,000. (Funded)
- Landers MR, **Wallmann HW,** McWhorter JW, Altenburger B, Altenburger P. A comparison of functional outcome in patients following a lumbar microdiscectomy randomly assigned to one of three different post-operative rehabilitation programs. Source: Orthopaedic Section, APTA. Total: \$14,550. (Not Funded)
- **Wallmann, H.** (2004). *Gas Spring Neuro Body Weight Support System.* Seed money from Office of Research and Graduate Studies. Amount: \$21,295.00 (Funded)
- Landers, M., **Wallmann, H.,** McWhorter, W., Altenburger, B., Altenburger, P., LaPorta-Krum, L. (2004). *Body weight support system to support locomotor research in patients with neuromuscular dysfunction.* UNLV SITE Grant. Amount: \$18,695.00. (Not Funded)
- USDA, Cooperative State Research, Education, & Extension Service, Amount: \$295,239.00, October 2002. (Not Funded)

Peer-Reviewed Submissions:

Research Articles

- Neelly K, **Wallmann HW,** Backus C. Validity of Measuring Leg Length with Tape Measure Compared to CT Scan. *Physiotherapy Theory and Practice.*
- **Wallmann HW,** Burgess C, Somerhalder A, Dimotsantos P. The effect of fatigue of the ankle plantarflexors on sensory organization and limits of stability in a healthy, elderly population. *Journal of Geriatric Physical Therapy.*

Research Activity:

- **Wallmann HW,** Teske L, Rutherford K, Wright J. Reliability and value of static rearfoot, forefoot and navicular drop measurements in predicting dynamic foot pressures of consecutive stance phases of gait.
- **Wallmann HW,** Callegari D, Cordova C, Dunievitz J. A pilot study: The effects of kinesiotaping on short-term related changes in strength in healthy adults.
- **Wallmann HW,** Blackwell S, Blomberg A, Griffith J. Duration of the Effects of 3 Different Static Hamstring Stretching Conditions in College Age Adults.

Continuing Education Workshops Conducted/Organized:

- Jenkins W, **Wallmann HW.** Current concepts in physical therapy management of the foot, Las Vegas, NV, Dec. 2009.
- **Wallmann, HW,** Altenburger P. Anatomical and Pathological Review of the Lower Extremity, Course Co-instructor, Las Vegas, NV, June 2001.

- **Wallmann HW.** Joint Mobilization: A Program for the Athletic Trainer, HealthSouth, Phoenix, AZ, 1992.

Membership in Scientific/Professional Organizations:

- Member, American Physical Therapy Association (APTA), 1989 – present
 - Licensed Physical Therapist, February 1990
- Member, National Strength and Conditioning Association (NSCA), 1993 – present
 - Certified Strength and Conditioning Specialist, October 1993
- Member, National Athletic Trainer's Association (NATA), 1994 – present
 - Certified Athletic Trainer, April 1994
- Member, American College of Sports Medicine (ACSM), 2001
- American Board of Physical Therapy Specialties (ABPTS)
 - Sports Physical Therapy Specialization Academy of Content Experts (SACE)
 - **Chair**, Sports Specialty Council, January 2008 – December 31, 2009
 - **Item Bank Coordinator**, Sports Specialty Council, Summer 2004 – December 2007
 - **Item Writer/Reviewer**, Sports Specialty Council, Spring 2001 – Summer 2004
 - SACE Writing Workshops, Sports Specialist Certification Examination, 2001 – 2009
 - Board Certified Clinical Specialist in Sports Physical Therapy, June 1998

Consultative and Advisory Positions Held:

- **External Site Visitor Program Review Team**
 - Post professional Physical Therapy programs, Loma Linda University, February 2010
- **ABPTS**
 - Item Review and Cut Score Task Force for Sports Specialist Certification Examination
 - Invited member 5/01, 5/04, 5/05, 5/07
- **Elsevier Science**
 - Athletic Training Focus Group, August 2002
- **Sports Physical Therapy**
 - Revalidation Study Group, May 2003

Community Service:

- **Physicians Rehab Solution**
 - Advisory Board member to PRS, January 2012 to present
- **Touro University, Nevada**
 - Advisory Board member to the Occupational Therapy Program, July 1, 2005 to May 2006
- **American Mensa, Ltd #100102396**
 - Certified Proctor for Mensa Admission Tests

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

WKU

University

College of Health and Human Services

- Graduate Curriculum Committee, September, 2012 – present
- Administrative Council, July 2011 – present
- Promotion Committee for KRS Faculty, October, 2011
- Research Council, September, 2011 – present

Physical Therapy Program

- **Director**, July 2011 – present
- Curriculum Committee, July 2011 – present
- Admissions Committee, July 2011 – present
- Self-Study Coordinator for Accreditation, July 2011 – present
- Program Development Coordinator

UNLV

University

- Intercollegiate Athletic Council, 2003 – June 2011
- Chair, Subcommittee on NCAA Governance and Compliance Self-study, 2006-2008
- Permission to Contact Committee – Intercollegiate Athletics, 2007 – June 2011
- Graduate Council, September 2006 – 2008
- Graduate Assessment Committee, September 2006 – 2008

- Search Committee, Executive Director Advising, November 2005 – March 2006
- Graduate Dean Search, 2004-2005
- Workload Task Force, March – May 2004
- Institutional Review Board, Biomedical, 2003 – 2007, member
- Co-Chair, IRB, Biomedical, 2004-2005
- Research Council, 1997 – 2000
- Intellectual Property Committee, 1998 – 2000
- Graduate College Student and Faculty Issues, 1998 – 2000
- Graduate College Council, 1998 – 2000, 2006-present

College of Health Sciences

- Executive Committee, 1997 – 2003
- Search Committee for Nutrition, Spring 1999 – Spring 2001
- Search Committee for Associate Dean, Spring 1999 – Spring 2000
- Search Committee for Director of Occupational Therapy, Spring 1999

School of Health and Human Sciences

- **Interim Dean**, May 2005 – June 2006
- Executive Committee, 2003 – 2005
- Search Committee for Nursing Dean, 2003

School of Allied Health Sciences

- Executive Committee, July 2008 – June 2011
- SAHS Adhoc Appeal Committee, January 2007 – July 2008
- SAHS Research Council, August 2006 – July 2008

Department of Physical Therapy

- **Chair**, July 1997 – June 2005; July 2008 – June 2011
- Graduate Coordinator, August 2006 – June 2008
- Search Committee for Physical Therapy Faculty (Chair), 1997 – 2000
- Admissions Committee, 1997 – 2001
- Curriculum Committee, 1997 – June 2011
- Self-study Coordinator for Accreditation, 1997 – April 2005
- Program Development Coordinator

Professional Service

Editorial

- **Associate Editor** for *Physical Therapy in Sport*, June 2009 – present
- **Editorial Board** member for *Home Health Care Management & Practice*, February 2009 – June 2012
- **Guest Editor** for *Orthopaedic Physical Therapy Clinics of North America* for March 2002 Issue
- **Editorial Board** member for *Aspen Publisher's Sports Medicine Manual*, 2001 – 2004
- **Editorial Board** member for *ACSM's Health & Fitness Journal*, 1999 – 2004
- **Reviewer** for *Lippincott Williams & Wilkins book: Management of Common Musculoskeletal Disorders: Physical Therapy Practice and Methods*, 4th edition, by Darlene Hertling, PT.
- **Manuscript reviewer** for *Physiotherapy Theory and Practice*, March 2012 – present
- **Manuscript reviewer** for *Journal of Aging and Physical Activity*, 2004 – present
- **Manuscript reviewer** for *Research in Sports Medicine: An International Journal* – 2006 – present
- **Manuscript reviewer** for *Archives of Physical Medicine and Rehabilitation*, 2004 – present
- **Manuscript reviewer** for *Journal of Orthopaedic and Sports Physical Therapy*, 2002 – present
- **Manuscript reviewer** for *Journal of Geriatric Physical Therapy*, 2009 – present
- **Manuscript reviewer** for the *Journal of Applied Physiology, Nutrition, and Metabolism*, 2009 – present
- **Manuscript reviewer** for *Journal of Physical Therapy*, 2009 – present

Honors and Awards:

- Distinguished Alumnus (2006), Loma Linda University (School of Allied Health Professions)

Professional Conferences Attended:

- Combined Sections Meeting – APTA (1.8 CEUs), February, 2012, Chicago, IL
- CAPTE Developing and Self-Study Workshop for Accreditation, October 3-5, 2011
- Combined Sections Meeting – APTA, February, 2011, New Orleans, LA
- Annual Conference, APTA, June, 2010, Boston, MA

- Combined Sections Meeting – APTA, February, 2010, San Diego, CA
- National Strength and Conditioning Association, Annual Conference, July 2009, Las Vegas, NV
- Combined Sections Meeting – APTA, February, 2009, Las Vegas, NV (1.5 CEU's)
- National Strength and Conditioning Association, Annual Conference, July 2008, Las Vegas, NV
- Combined Sections Meeting – APTA, February, 2008, Nashville, TN
- Combined Sections Meeting – APTA, February, 2007, Boston, MA
- Combined Sections Meeting – APTA, February, 2006, San Diego, CA
- National Strength and Conditioning Association, Annual Conference, July 2005, Las Vegas, NV
- Combined Sections Meeting – APTA, February, 2005, New Orleans, LA
- APTA Regional Meeting: Preview 2020 – Nov. 2004, Las Vegas
- Annual Conference, APTA, June 30-July 3, 2004
- Combined Sections Meeting – APTA, February 16-20, 2004, Nashville, TN
- APTA Regional Meeting: Preview 2020 – Sept. 2003, Las Vegas
- Combined Sections Meeting – APTA, February 12-16, 2003, Tampa, FL
- National Strength and Conditioning Association, Annual Conference, July 2002, Las Vegas, NV
- Combined Sections Meeting – APTA, February 19-23, 2002, Boston, MA
- Combined Sections Meeting – APTA, February 14-18, 2001, San Antonio, TX
- Combined Sections Meeting – APTA, February 3-6, 2000, New Orleans, LA
- Combined Sections Meeting – APTA, February 3-7, 1999, Seattle, Washington
- CAPTE Self-Study Group for Accreditation, June 2-4, 1998
- American Physical Therapy Association, Annual Conference, June 5-8, 1998
- National Strength and Conditioning Association, Annual Conference, June 1997, Las Vegas, NV
- Experimental Biology, Annual Conference, April 1997, New Orleans, LA
- National Strength and Conditioning Association, Annual Conference, June 1995, Phoenix, AZ

Other:

Continuing Education Attended

- February 2012 Manual Therapy Interventions for Individuals with Acute and Chronic Foot and Ankle Pathologies (.8 CEUs); Combined Sections Meeting – APTA, Chicago, IL
- September 2011 KPTA, Parkinson Disease: Evidence-Based Practice, Lexington, KY, (.625 CEUs)
- February 2011 Managing patients following rearfoot trauma, ankle arthroplasty, and arthrodesis (.3 CEUs)
Combined Sections Meeting – APTA, New Orleans, LA
- February 2011 Outcome measures: the good, the bad, and the ugly (.25 CEUs)
Combined Sections Meeting – APTA, New Orleans, LA
- February 2011 An evidence-based approach to the orthopedic physical therapy management of functional running injuries (.2 CEUs); Combined Sections Meeting – APTA, New Orleans, LA
- June 2010 Evidence-Based Differential Diagnosis and Screening, Boston, MA, (1.55 CEUs)
- December 2009 SPTS Team Concept Conference, Las Vegas, NV (1.85 CEUs)
- April 2009 Effective examination and treatment techniques for the foot and ankle, Las Vegas, NV (.6 CEUs)
- March 2009 Cross Country Education, Evaluation and Intervention for Musculoskeletal Injuries: A Biomechanical Approach, Las Vegas, NV (.6 CEUs)
- July 2008 Cross Country Education, Enhancing Treatment Outcomes with Therapeutic Modalities: Electrotherapy and Ultrasound, Las Vegas, NV (.6 CEUs)
- March 2007 NPTA, The Bottom Block: The Foundation for the Kinetic Chain, Las Vegas, NV (.75 CEUs)
- March 2007 NPTA, Pathophysiology and Mechanics of the Shoulder with Lab, Las Vegas, NV (.85 CEUs)
- March 2007 NPTA, Screening for Medical Referral: Musculoskeletal Complaint and Conditions, Las Vegas, NV (.85 CEUs)
- February 2007 International Spine & Pain Institute: Segmental Spinal Stabilization, Las Vegas, NV (1.5 CEUs)
- December 2005 SPTS Team Concept Conference, Las Vegas, NV
- December 2004 SPTS Team Concept Conference, Las Vegas, NV
- December 2003 SPTS Team Concept Conference, Las Vegas, NV
- March 2003 Mulligan Concept: Mobilization w/Movement, Las Vegas, NV
- April 2002 Maitland MT-3: Intermediate Spinal, Las Vegas, NV
- March 2002 Janene Burton, Differential diagnosis and treatment of dizziness and balance disorders, NPTA Spring Conference, Las Vegas NV
- November 2001 North American Seminars, Inc., Vestibular Rehabilitation, Selina Morgan, Los Angeles, CA
- October 2001 Annual Academic Administrators Special Interest Group Forum, Portland, OR
- September 2001 Diagnosis and Treatment of Movement Impairment Syndromes, Shirley Sahrman, Las Vegas NV
- February 2001 North American Seminars, Inc., The Running Course, Matthew Walsh, Las Vegas, NV
- November 2000 Surface EMG Evaluation and Feedback Training, Glenn Kasman, Las Vegas, NV
- September 2000 Maitland MT-2: Basic Spinal, Las Vegas, NV

- April 2000 Managed Care: Effective treatment techniques and protocols for orthopedic diagnoses, Therese McNerney, Las Vegas, NV
- February 2000 Management of the Athlete with Knee Dysfunction, SPTS, APTA, New Orleans, LA
- October 1999 Richard Jackson Seminars, Grinders and Glue – Orthotic Fabrication, Brea, CA
- September 1999 Richard Jackson Seminars, Functional Relationships of the Lower Half, Las Vegas, NV
- June 1999 Issues in Rural Health, Physical Therapy Seminar, Las Vegas, NV
- December 1998 Electrical Stimulation: Results Oriented Approach, Gad Alon, Phoenix, AZ
- November 1998 The Pelvic Girdle, Richard Jackson Seminars, Las Vegas, NV
- April 1998 TMJ Injuries and Evaluations, Nevada Athletic Trainers Association Lecture Series, Las Vegas, NV
- March 1998 Functional Rehabilitation of the Lower Extremity, RMATA District Meeting, St. George, UT
- March 1998 Advances in Knee and Shoulder Rehabilitation, N Am. Sports Medicine Institute, Las Vegas, NV
- July 1997 Enrichment Workshop for PT and PTA Faculty, APTA, Education Section, Deerfield Beach, FL
- June 1997 Anatomy and Dissection Workshop, Cramer Athletic Training, Williamsburg, VA
- August 1995 Clinical Competencies Workshop, Sports Physical Therapy Section, Nashville, TN
- April 1995 Orthopaedic Physical Therapy Home Study Course 92-1, Topic: Lower Extremity
- March 1995 Tendinitis: Scientific and Clinical Approaches, Sedona, AZ
- November 1994 Nutrition Dimension Home Study Course, Diet, Exercise and Fitness
- April 1994 Isernhagen, Functional Capacity Evaluation, Phoenix, AZ
- October 1993 M/F Athletic Company, Rebuilding the Athlete Completely, Phoenix, AZ
- May 1993 HealthSouth Sports Medicine Seminar, The Foot and Ankle, Phoenix, AZ
- February 1993 International Academy of Physio-Therapeutics, Electrotherapy and US Update, Phoenix, AZ
- April 1992 Chain Reaction, Phoenix, AZ
- November 1991 The Knee – A Clinical Approach, Phoenix, AZ
- July 1991 Manual Therapy for the Extremity and Spine: Nags, Snags, and PRP's, Loma Linda University
- August 1990 An Integrated Approach to Cervical/Thoracic Dysfunction, Evansville, IN
- May 1990 The McKenzie Institute: The Spine, Mechanical, Diagnosis and Therapy, Part A Lumbar, Part B Cervical/Thoracic, Indianapolis, IN
- April 1990 Concepts of Rehabilitation Exercise: The Role of Eccentrics, Indianapolis, IN

Curriculum, Program, Course Development

WKU:

Assumed Director of DPT Program at WKU; responsible for development of new Program starting July 2011. Responsible for curriculum and course development as well as program development for the Doctor of Physical Therapy Program; will submit Application for Candidacy prior to December 1, 2012. Received Kentucky CPE and SACS approvals April and June 2012, respectively.

UNLV:

Responsible for curriculum and course development as well as program development for the physical therapy program at UNLV; completed and submitted declaration of intent in November, 1997 and self-study for accreditation in August, 2000. Received initial accreditation from CAPTE in November, 2000. Submitted CAPTE Progress Reports August 2001, 2002, 2003, 2004, 2008, 2009, and 2010. Submitted biennial accreditation reports 1998, 2000, 2002, and 2004 and focused interim report 1999 to College of Commissions. Submitted Annual Accreditation Report in February 2005; submitted self-study in January, 2005 for accreditation site visit in April, 2005. Received continued accreditation for additional 10 years in November, 2005 until 2015. Submitted University Internal Program review in February, 2005. Submitted Doctor of Physical Therapy proposal in August 2004, which was approved in October 2004 for Summer 2005 start date. Initiated and received approval of transitional Doctor of Physical Therapy program proposal 2005.

Courses taught at WKU:

| <i>Number</i> | <i>Title</i> | <i>Times Taught</i> | <i>Credits</i> |
|---------------|---------------------------------|---------------------|----------------|
| PE 456 | Introduction to Sports Injuries | 1 | 3 Credits |

Potential Teaching Responsibilities in the WKU Entry-level Doctor of Physical Therapy Program:

| <i>Number</i> | <i>Title</i> | <i>Times Taught</i> | <i>Credits</i> |
|---------------|------------------------------|---------------------|----------------|
| DPT 726 | Orthopaedic Foundations | 0 | 3 Credits |
| DPT 728 | Clinical Exercise Physiology | 0 | 3 Credits |
| DPT 724 | Pathophysiology | 0 | 4 Credits |
| DPT 746 | Orthopaedic Assessment | 0 | 4 Credits |
| DPT 740 | Physical Modalities | 0 | 3 Credits |
| DPT 770 | Orthopaedic Rehabilitation | 0 | 4 Credits |

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| DPT 729 | Pharmacology in Physical Therapy | 0 | 3 Credits |
| DPT 774 | Spine Examination and Intervention | 0 | 3 Credits |

Courses taught at UNLV:

| <i>Number</i> | <i>Title</i> | <i>Times Taught</i> | <i>Credits</i> |
|---------------|------------------------------------|---------------------|----------------|
| DPT 741 | Orthopaedic Principles | 6 | 3 Credits |
| DPT 754 | Orthopaedic Assessment | 6 | 4 Credits |
| DPT 788 | Spine Examination and Intervention | 2 | 3 Credits |
| DPT 749 | Applied Exercise Physiology | 4 | 3 Credits |
| DPT 752 | Physical Agents | 1 | 2 Credits |
| DPT 748 | Pharmacology | 5 | 2 Credits |
| PTS 741 | Orthopaedic Principles | 6 | 2 Credits |
| PTS 754 | Orthopaedic Assessment | 6 | 4 Credits |
| PTS 785 | Orthopaedic Rehabilitation | 5 | 3 Credits |
| PTS 742 | Pathophysiology | 1 | 1 of 4 Credits |
| BIO 109 | Principles of Human Nutrition | 1 | 3 Credits |
| PTS 795 | Independent Study (CSCS Exam Prep) | 2 | 1 Credit |
| PTS 795 | Independent Study (Sports PT) | 1 | 3 Credits |

Guest Lectures in PTS 730, 752, 732, 770, 750, 776, 782, 787, NUR 751, HPS 795, and DPT 785 on topics pertaining to Physical Therapy