

ABBREVIATED CURRICULUM VITAE

ELAINE TRUDELLE-JACKSON, PT, PhD

May 2009

Education

Ph.D	2001	Physical Therapy, Texas Woman's University
M.S.	1983	Physical Education, University of North Texas
B.S.	1978	Physical Therapy, Texas Woman's University

Dissertation

Effect of Post-Rehabilitation Exercise on Strength and Postural Stability Following Total Hip Arthroplasty, November 2001.

Director: Sue Smith, PT, PhD

Professional Certification/Licensure

Physical Therapy License: TX #1-2263-0

Employment

<i>2007-present</i>	Associate Professor, TWU School of Physical Therapy, Dallas, TX
<i>2002-2007</i>	Assistant Professor, TWU School of Physical Therapy, Dallas, TX
<i>1999- 2001</i>	Graduate Research Associate, TWU Health Promotion & Research Center, Dallas, TX.
<i>1997-1998</i>	Contract physical therapy, PT Temps, Inc., Richardson, TX.
<i>1986-1997</i>	Assistant Professor, TWU School of Physical Therapy, Dallas, TX.
<i>Summer 1996</i>	Contract physical therapy, Signature Home Care, Lewisville, TX.
<i>Summer 1988</i>	Part-time physical therapy, Lewisville Sports Medicine, Lewisville, TX
<i>1984-1987</i>	Staff physical therapist, Orthopaedic Consultants, Dallas, TX.
<i>1983-1984</i>	Director of physical therapy, Haltom General Hospital, Haltom City, TX.

1979-1983 Senior physical therapist, Medical City Dallas Hospital, Dallas, TX.

1978-1979 Staff physical therapist, Garden State Rehabilitation Hospital, Toms River, NJ.

SCHOLARSHIP/CREATIVE ACHIEVEMENTS

Refereed Publications

Book Chapters:

Trudelle-Jackson E, Fleisher LA. Musculoskeletal health. In: *Health on Demand*. Champaign, IL:Human Kinetics, 2009.

Nichols D, Fleisher L, Trudelle-Jackson E. Osteoporosis. In: JN Myers, WG Herbert, RH Humphrey (Eds.), *ACSM's Resources for Clinical Exercise Physiology: Musculoskeletal, Neuromuscular, Neoplastic, Immunologic and Hematologic Conditions*. 2nd Ed., Baltimore, MD: Lippincott Williams & Wilkins, 2009; pp. 139-151.

Trudelle-Jackson E. Musculoskeletal health. In: A.W. Jackson, J.R. Morrow, D.W. Hill, R.K. Dishman (Eds.), *Physical activity for health and fitness* (Updated Edition). Champaign, IL:Human Kinetics, 2004;pp.193-226.

Trudelle-Jackson E. Pregnancy. In: A.W. Jackson, J.R. Morrow, D.W. Hill, R.K. Dishman (Eds.), *Physical activity for health and fitness* (Updated Edition). Champaign, IL:Human Kinetics, 2004;pp.251-270.

Nichols D, Horea M, Trudelle-Jackson E. Osteoporosis. In: J.N. Myers, W.G. Herbert, R. Humphrey (Eds.), *ACSM's Resources for Clinical Exercise Physiology: Musculoskeletal, Neuromuscular, Neoplastic, Immunologic and Hematologic Conditions*. Baltimore, MD: Lippincott Williams & Wilkins, 2002;pp.139-151.

Trudelle-Jackson E. Musculoskeletal health. In: A.W. Jackson, J.R. Morrow, D.W. Hill, R.K. Dishman (Eds.), *Physical activity for health and fitness: An individualized lifetime approach*. Champaign, IL:Human Kinetics, 1999;pp.193-226.

Trudelle-Jackson E. Pregnancy. In: A.W. Jackson, J.R. Morrow, D.W. Hill, R.K. Dishman (Eds.), *Physical activity for health and fitness: An individualized lifetime approach*. Champaign, IL:Human Kinetics, 1999;pp. 251-270.

Journal Articles:

Trudelle-Jackson E, Ortiz A, McConnell K, Wylie S. Effectiveness of a 6-week injury prevention program on the kinematic and kinetic variables in adolescent female soccer players: a pilot study. *Puerto Rico Health Sciences Journal* (In review).

Trudelle-Jackson E, Fleisher LA, Borman NP, Morrow JR, Frierson GM. Lumbar spine flexion and extension extremes of motion in women of different age and racial groups. *Spine* (In review).

Bain T, Frierson GM, Trudelle-Jackson E, Morrow JR. Internet reporting of weekly physical activity behaviors: The WIN Study. *J Phys Activity Health*. (In review).

Boucher T, Wang S, Trudelle-Jackson E, Olson S. Effectiveness of surface electromyographic biofeedback-triggered neuromuscular electrical stimulation on knee rehabilitation. *N Amer J Sports Phys Ther* (In review)

Christopher G, Nichols D, Trudelle-Jackson E, Kwon, YH. Does ankle bracing increase the risk of anterior cruciate ligament injury? *J Athletic Training* (In review).

Ortiz A, Olson S, Bartlett W, Etnyre B, Trudelle-Jackson E. Fatigue effects on knee joint stability during two jump tasks in women. *J Strength and Conditioning Res*, (in press).

Trudelle-Jackson E, Sarvaiya-Shah S, Wang S. Interrater reliability of a movement impairment based classification system for lumbar spine syndromes in patients with chronic low back pain. *J Orthop Sports Phys Ther*. 2008;38:371-376.

Ortiz A, Olson S, Libby CL, Trudelle-Jackson E, Kwon YH, Etnyre B, Bartlett W. Landing mechanics between noninjured women and women with anterior cruciate ligament reconstruction during 2 jump tasks. *Am J Sports* 2008;36:149-157.

Ortiz A, Olson S, Libby C, Kwon YH, Trudelle-Jackson E. "Kinematic and kinetic reliability of two jumping and landing physical performance tests in young adult women." *N Amer J Sports Phys Ther*. 2007;2:104-112.

Trudelle-Jackson E, Jackson AW, Morrow JR. Muscle strength and postural stability in healthy older women: Implications for fall prevention. *JPAH*. 2006;23:1-12.

Wang S, Trudelle-Jackson E. Comparison of customized versus standard exercises in rehabilitation of shoulder disorders. *Clin Rehabil*. 2006;20:675-685.

Trudelle-Jackson E, Smith SS. Effects of a late-phase exercise program after total hip arthroplasty: a randomized controlled trial. *Arch Phys Med Rehabil*. 2004;85:1056-1062.

Trudelle-Jackson E, Emerson RH, Smith SS. Outcomes of total hip arthroplasty: A study of patients one year post-surgery. *J Orthop Sports Phys Ther*. 2002;32(11):260-267.

Trudelle-Jackson E. Balance and post-operative lower extremity joint replacement. *Orthop Phys Ther Clin North Amer*. 2002;11(1):101-110.

Trudelle-Jackson E, Jackson AW, Frankowski CM, Long KM, Meske NB. Interdevice reliability and validity assessment of the Nicholas hand-held dynamometer. *J Orthop Sports Phys Ther.* 1994;20(6):302-306.

Highenboten CL, Jackson A, Trudelle-Jackson E, Meske NB. Cross-validation of height and gender estimations of femoral condyle width in osteochondral allografts. *Clin Orthop.* 1994;298:246-249.

Trudelle-Jackson E, Meske NB, Highenboten CL, Jackson A. Eccentric/concentric torque deficits in the quadriceps muscle. *J Orthop Sports Phys Ther.* 1989;11(4):142-145.

Jackson A, Trudelle-Jackson E. A computer program for use in body composition analysis. *National Strength Conditioning Association Journal.* 1988;July.

Recent Presentations at Professional Meetings

Trudelle-Jackson E, Morrow JR, Fleisher LA, Borman LP, Frierson GM. Lumbar spine flexion and extension extremes of motion in women of different age and racial groups. *ACSM Annual Conference, 2009; Seattle, WA.*

Bain TM, Morrow JR, Barlow CE, Trudelle-Jackson E, Frierson GM. Relationship between physical activity and body habitus among free-living women. *ACSM Annual Conference, 2009; Seattle, WA.*

Clubb D, Wang S, Olson S, Trudelle-Jackson E, Lovelace-Chandler V, Mitchell K. Comparison of cervical spine manipulation and vibratory inhibition in patients with dysfunction of the cervical spine. *APTA Combined Sections Meeting, 2009; Las Vegas, NV.*

Fleisher L, Borman N, Frierson G, Morrow JR, Trudelle-Jackson E. Reliability and validity of lumbar range of motion measurements using a single electronic goniometer in women. *APTA Combined Sections Meeting, 2009; Las Vegas, NV.*

Boucher A, Wang S, Olson S, Trudelle-Jackson E. Effectiveness of surface electromyographic biofeedback-triggered neuromuscular electrical stimulation on knee rehabilitation. *APTA Combined Sections Meeting, 2009; Las Vegas, NV.*

Morrow JR, Frierson GM, Trudelle-Jackson EJ, Rives TE. Surveillance of women's injuries resulting from physical activity: project WIN. *American College of Sports Medicine Annual Meeting, 2008; Indianapolis.*

Trudelle-Jackson E, Ortiz A, McConnell K, Wylie S. Effects of a 6-week injury prevention program on knee valgus during landing in adolescent female soccer players. *APTA Combined Sections Meeting, 2008; Nashville, TN.*

Fleisher L, Trudelle-Jackson E. Exercise effect on strength, balance, and quality of life in women with low bone mass. *TPTA Annual Conference Meeting, 2007;Galveston, TX.*

Nations T, Ortiz A, Trudelle-Jackson E. Effects of a 6-week injury prevention program on knee valgus during landing in adolescent female soccer players. *TPTA Annual Conference Meeting, 2007;Galveston, TX.*

Fleisher L, Trudelle-Jackson E. Exercise effect on strength, balance, and quality of life in women with low bone mass. *15th International Congress of the World Confederation for Physical Therapy (WCPT), 2007;Vancouver, Canada.*

Ortiz A, Olson S, Libby C, Etnyre B, Trudelle-Jackson E, Bartlett W, Kwon YH. Landing mechanics between non-injured women and women with ACL reconstruction during a 40-cm drop jump. *American College of Sports Medicine Annual Meeting, 2007;New Orleans. LA.*

Trudelle-Jackson E, Karakattpil PS. Outcomes of total knee arthroplasty 1-year postsurgery. *APTA Combined Sections Meeting, 2007; Boston, MA..*

Borman N, Trudelle-Jackson E, Dacus B, Saad D. Effects of an individualized exercise program on post-menopausal women with low bone mass. *APTA Combined Sections Meeting, 2007; Boston, MA.*

Karakattpil P, Trudelle-Jackson E. Outcomes of total knee arthroplasty 1-year postsurgery. *TPTA Annual Conference Meeting, 2006; Ft. Worth, TX.*

Dacus B, Saad D, Borman N, Trudelle-Jackson E. Effects of an individualized exercise program on post-menopausal women with low bone mass. *TPTA Annual Conference Meeting, 2006; Ft. Worth, TX.*

Wang SS, Trudelle-Jackson EJ, Tossey LL, Vo WP, Theriault TM. Effectiveness of two physical therapy interventions for increasing length in the pectoralis minor muscle. *APTA Combined Sections Meeting, 2006;San Diego, CA.*

McConnell K, Wylie S, Ortiz A, Trudelle-Jackson E. Effects of a 5-week injury prevention program on kinematics and kinetics in adolescent women soccer players: A pilot study. *APTA Combined Sections Meeting, 2006;San Diego, CA.*

Wang SS, Trudelle-Jackson EJ, Tossey LL, Vo WP, Theriault TM. Effectiveness of two physical therapy interventions for increasing length in the pectoralis minor muscle. *TPTA Annual Conference/Student Conclave, 2005;The Woodlands, TX.*

McConnell K, Wylie S, Ortiz A, Trudelle-Jackson E. Effects of a 5-week injury prevention program on kinematics and kinetics in adolescent women soccer players: A pilot study. *TPTA Annual Conference/Student Conclave*, 2005;The Woodlands, TX.

Trudelle-Jackson E, Brandelesi G, Eppright K. Lower extremity muscle strength decline with aging: Implications for fall prevention. *APTA Combined Sections Meeting*, 2005; New Orleans, LA.

Grants

Funded:

“Women’s Exercise Injuries: Incidence and Risk Factors.”

Funding Source: NIH (NIAMS)

Role: Co-Investigator

Years: 2006-2011

Award: \$3,240,246

“Exercise Effect on Strength, Balance, and Function in Women With Low Bone Mass.”

Funding Source: TPTF

Role: Principal Investigator

Date: Jan. 2006

Award: \$1000

“Outcomes of Total Knee Arthroplasty in Patients Who Are 1-Year Post Surgery.”

Funding Source: TPTF

Role: Principal Investigator

Date: Aug. 2003

Award: \$600

“Effect of Exercise on Strength and Postural Stability in Patients Post-Total Hip Arthroplasty.”

Funding Source: TPTERF

Role: Principal Investigator

Years: 2000-2001

Award: \$1800

PROFESSIONAL SERVICE

Service Activities for the University, College, Component

Committees

University

2008-2009 University Promotion and Tenure Committee

2005-2006 Summer Research Stipends Selection Committee
Planning Committee for Women’s Health Symposium

2004-2005 Faculty Development Leave Committee

2003-2004 Faculty Grievance Committee

2002-2003 Honorary appointment as an Institute of Women's Health Assistant Research Professor

2009-2010 Mentor for Chancellor's Research Fellows Program

College

2006-2007 Planning Committee for "Power of a Healthy Woman" Symposium

Component

2004- present Director of Research

2008-2009 Chair, Professional Admissions Committee

2004-present Post-Professional Curriculum Committee

2004-2007 Director of Health Promotion & Research Center (HPRC)

2004-2005 DPT Curriculum Musculoskeletal Sub-Committee
DPT Curriculum Research Sub-Committee
DPT Curriculum Sub-Committee on Generic Abilities
DPT Graduate Outcomes Task Force

2003-2004 Professional Admissions Committee
Professional Curriculum Committee
Marketing and Recruitment Committee

Recruitment Efforts

Speak to UNT Kinesiology students once or twice each semester (Fall and Spring) about the profession of physical therapy and the PT program at TWU.

Service to the Profession

Membership to professional organizations

American Physical Therapy Association
Orthopaedic Section
Texas Physical Therapy Association

Manuscript and grant application reviewing

2006-present Manuscript reviewer for:
Journal of Physical Activity and Health

2002- present Manuscript reviewer for:
Journal of Orthopaedic and Sports Physical Therapy
Archives of Physical Medicine and Rehabilitation