
Elaine Trudelle-Jackson, Ph.D.

Professor

Physical Therapy

College of Health Sciences

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Professional Interests

Academic Background

Ph.D. Texas Woman's University, Denton, Texas, Physical Therapy, 2001.

M.S. University of North Texas, Denton, Texas, Physical Education, 1983.

B.S. Texas Woman's University, Bloomington, IN, Physical Therapy, 1978.

Professional Certifications

Physical Therapy License, 2013

Professional Memberships

American Physical Therapy Association, Geriatric Section, 2018-2020

American Physical Therapy Association, Women's Health Section, 2013

American College of Sports Medicine, 2008-2013

American Physical Therapy Association, Orthopaedic Section, 1990-2017

American Physical Therapy Association, 1985-2020

Texas Physical Therapy Association, 1985-2020

Work Experience

Work Experience

Academic

Professor, Texas Woman's University (2012 - Present), Dallas, Texas.

Director, Dallas Office of Research, Texas Woman's University (2012 - 2017), Dallas, Texas.

Associate Professor, Texas Woman's University (2007 - 2012), Dallas, Texas.

Assistant Professor, Texas Woman's University (2002 - 2007), Dallas, Texas.

Graduate Research Associate, Texas Woman's University (1999 - 2001), Dallas, Texas.

Assistant Professor, Texas A&M University (1986 - 1997), Dallas, Texas.

Non-Academic

Contract physical therapy, PT Temps, Inc (1997 - 1998), Richardson, Texas.

Contract Physical Therapist, Signature Home Care (1996), Dallas, Texas.

Part-time Physical therapist, Lewisville Sports Medicine (1988), Lewisville, Texas.

Staff Physical Therapist, Orthopaedic Consultants (1984 - 1987), Dallas, Texas.

Director of Physical Therapy, Haltom General Hospital (1983 - 1984), Haltom City, Texas.

Senior Physical Therapist, Medical City Dallas Hospital (1979 - 1983), Dallas, Texas.

Staff Physical Therapist, Garden State Rehabilitation Hospital (1978 - 1979), Toms River, New Jersey.

Teaching

Courses Taught

Courses from the Teaching Schedule: Advanced Instrumentation in Physical Therapy, Advanced Practicum in Physical Therapy, Applied Ortho Management, Applied PT Eval, Applied Statistical Methods for the Health Care Professional, Basic Physical Therapy Skills, Clinical Experience II, Clinical Management of the Musculoskeletal System, Critical Inquiry in Physical Therapy I, Critical Inquiry in Physical Therapy II, Critical Inquiry in Physical Therapy II, Critical Inquiry in Physical Therapy III, Eval & Assess in PT, Examination, Evaluation, and Outcomes, Examination, Evaluation, and Outcomes, Exercise Testing and Prescription in Physical Therapy, Extremity Manual Therapy, Field Research in Physical Therapy, Illness Prevention & Health Promotion, Independent Study, Independent Study, Internship II, Internship III, Introduction to Grantsmanship in Physical Therapy, Medical Kinesiology, Medicine and Surgery, Orthopedic Evaluation & Treatment of Geriatric Client, Orthopedic Evaluation & Treatment of the Geriatric Client, Pathophysiology of Ther Ex, Pharm Nutr PT, Practicum in Physical Therapy, Professional Paper, Research for Clinical Scientists in Physical Therapy, Research in Physical Therapy, Special Topics, Special Topics, Statistical Methods I for the Health Professional, Supervised Teaching in Physical Therapy, Ther Act - Ortho

Teaching Activities

Doctoral Dissertation Student Committee - Chair

2018 - *Effect of Two Different Types of AFOs on Gait Outcomes in Patients with Subacute Stroke.*

2017 - *The Effect of Home Based High Velocity Training on Muscle Strength and Power, Functional Performance and Physical Activity Behavior in Persons with TKR*

2013 - *Effect of ultrasound imaging biofeedback on stress urinary incontinence in women.*

2011 - *Association Between Lumbar Extremes of Motion and Musculoskeletal Injury of the Low Back and Hip in Adult Women.*

2010 - *Effects of a 10-Week Exercise Intervention on Thoracic Kyphosis, Pulmonary Function, Endurance, and Quality of Life in Women With Osteoporosis*

Doctoral Dissertation Student Committee - Member

2018 - *Changes in Gait Speed, Gastrocnemius Strength, and Center of Pressure for Individuals Living with Parkinson's Disease*

2017 - *Measuring Head Control After Utilization of the Headpod™ in Children with Poor Head Control.*

2015 - *The Effect of Visual Environmental Distraction on Gait Performance in Children.*

2014 - *Comparison of an Eccentric Exercise Intervention to a Concentric Exercise Interventions in Adults with Subacromial Impingement Syndrome*

2014 - *Effect of Lumbopelvic Manipulation on Hip and Knee Neuromuscular Activity, Pain Intensity, and Functional Ability in People with Patellofemoral Pain Syndrome*

2013 - *Effectiveness of spinal stabilization exercises for low back pain in adolescents with idiopathic scoliosis.*

2012 - *Multi-segment Coordination Within the Foot in Healthy Children and Patients Previously Treated for Congenital Clubfoot During Walking, Toe Raises and Single Limb Hopping*

2012 - *Gender Differences in Gait During Stair Descent Transitions in Healthy Older Adults.*

2011 - *Effect of Aerobic Exercise on Cognition and Sedentary Behavior in Persons with Parkinson's Disease.*

2009 - *The effects of ankle bracing on the kinematics and kinetics of the knee during jump landing.*

2008 - *Effects of Electrical Stimulation and Exercise on Urinary Incontinence.*

2008 - *Effectiveness of cervical spine manipulation versus vibratory inhibition on patients with cervical spine pain.*

2008 - *Effectiveness of surface electromyographic biofeedback-triggered neuromuscular electrical stimulation on knee rehabilitation.*

2006 - *Kinematic and Kinetic Analysis of the Knee after Anterior Cruciate Ligament Reconstruction in Women.*

Master's Thesis Student Committee - Chair

2006 - *Exercise Effect on Strength, Balance, and Function in Women With Low Bone Mass.*

2005 - *Outcomes of Total Knee Arthroplasty in Patients who Are 1-Year Post Surgery.*

2005 - *Interrater Reliability of the Movement Classification for Lumbar Spine Syndromes in Patients With Chronic Low Back*

Pain

1990 - *The Contribution of Pelvic Rotation to Straight Leg Raising Measurement.*

1990 - *Intermachine Reliability of a System of Testing Trunk Flexion and Extension.*

Master's Thesis Student Committee - Member

2006 - *Effects of a Home Exercise Program on Index of Kyphosis, Height, Balance, and Quality of Life in Post-menopausal Women with Low Bone Mass*

1992 - *Intrarater and Interrater Reliability of Lumbar Flexion and Extension Taken By the Cybex Electronic Digital Inclinometer.*

Intellectual Contributions

Intellectual Contributions Grid

Category	Total
Articles in Refereed Journals	34
Articles-in-Progress (All)	6
Books, Monographs, Compilations, Manuals, Supplements, Chapters, Cases, Readings	7
Presentations of Refereed Papers	64

Refereed Articles

Trudelle-Jackson, E., & Jackson, A. W. (2018). Do older adults who meet 2008 Physical Activity Guidelines have better physical performance than those who do not meet? *Journal of Geriatric Physical Therapy, 41* (3), 180-185.

Rachel, L., Swank, C., Trudelle-Jackson, E., & Driver, S. (in press, 2018). Reliability and clinical feasibility of measuring dual-task gait in the inpatient rehabilitation setting following traumatic brain injury. *Physiotherapy Theory and Practice: An International Journal of Physical Therapy*, doi: 10.1080/09593985.2018.1474305.

Karakkattil, P., Trudelle-Jackson, E., Brown, H., Hammontree, P., & Okolo, M. (2017). Outcomes of Botulinum Toxin Type A for equinovarus deformity in patients with CVA: a case series. *Physiotherapy Theory and Practice: An International Journal of Physical Therapy, 33* (5) 410-419.

Bizama, F., Medley, A., Trudelle-Jackson, E., & Csiza, L. (2017). The effect of visual environmental distraction on gait preference in children. *Physical & Occupational Therapy in Pediatrics: A Quarterly Journal of Developmental Therapy, 1*-10, doi: 10.1080/01942638.2017.1297987.

Swank, C., Trudelle-Jackson, E., Medley, A., Thompson, M., & Jackson, A. (2016). A Comparison of Physical Activity and Dual Task Gait among Persons with Parkinson's Disease and Healthy Older Adults. *Physical & Occupational Therapy in Geriatrics, 34* (11), 113-123, doi: 10.3109/02703181.2015.1134747.

Swank, C., Medley, A., Thompson, M., Trudelle-Jackson, E., & Barisa, M. (2016). The effect of aerobic exercise on dual-task gait in individuals with Parkinson's disease. *International Journal of Therapy and Rehabilitation, 23* (11), 524-532.

Zapata, K. K., Wang-Price, S. S., Thompson, M., Trudelle-Jackson, E., & Lovelace-Chandler, V. (2015). Spinal stabilization exercises for low back pain in adolescent idiopathic scoliosis: A randomized clinical trial. *Pediatric Physical Therapy, 27* (396-402).

Blume, C., Wang-Price, S. S., Trudelle-Jackson, E., & Ortiz, A. (2015). Comparison of Eccentric and Concentric Exercise Interventions in Adults with Subacromial Impingement Syndrome. *International Journal of Sports Physical Therapy, 10* (441-455).

Trudelle-Jackson, E., Morrow, J. R., & Leonard, D. (2014). Musculoskeletal risk factors as predictors of injury in community-dwelling women. *Medicine and Science in Sports and Exercise, 46*, 1752-1757.

Vingren, J. L., Morrow, J. R., Trudelle-Jackson, E., & Mathew, M. (2013). Prevalence of Muscle-Strengthening Activities in Women: Findings from the WIN Study. *Journal of Physical Activity & Health, 10* (Sept), 1008-1015.

Morrow, J. R., DeFina, L. F., Leonard, D., Trudelle-Jackson, E., & Custodio, M. A. (2012). Meeting Physical Activity Guidelines and Musculoskeletal Injury: The WIN Study. *Medicine and Science in Sports and Exercise, 44* (Oct), 1986-1992.

Morrow, J. R., Bain, T., Frierson, G. M., Trudelle-Jackson, E., & Haskell, W. L. (2011). Long-term tracking of physical activity behaviors in women: the WIN study. *Medicine and Science in Sports and Exercise (43)*, 165-170.

- Trudelle-Jackson, E., Ferro, E., & Morrow, J. R. (2011). Clinical Implications for Muscle Strength Differences in Women of Different Age and Racial groups: The WIN study. *Journal of Women's Health Physical Therapy* (35), 11-18.
- Fleisher, L., Trudelle-Jackson, E., Thompson, M., & Smith, S. (2011). Effects of weight-bearing and resistance exercises on lower extremity strength, postural stability, and quality of life in postmenopausal women with low bone mass. *Journal of Women's Health* (35), 114-127.
- Ortiz, A., Olson, S., Trudelle-Jackson, E., & Rosario, M. (2011). Landing Mechanics during Sidestepping and Cross-over Maneuvers between Noninjured Women and Women with ACL Reconstruction. *Physical Medicine and Rehabilitation Clinics of North America* (3), 13-20.
- Borman, N. P., Trudelle-Jackson, E., & Smith, S. S. (2011). Effect of stretch positions on hamstring muscle length, lumbar flexion range of motion, and lumbar curvature in healthy adults. *Physiotherapy Theory and Practice: An International Journal of Physical Therapy* (27), 146-154.
- Norris, B., & Trudelle-Jackson, E. (2011). Hip and thigh-muscle activation during the Star Excursion Balance Test. *Journal of Sports Rehabilitation* (20), 428-441.
- Trudelle-Jackson, E., Jackson, A. W., & Morrow, J. R. (2011). Relations of Meeting National Public Health Recommendations for Muscular Strengthening Activities with Strength, Body Composition, and Obesity: The WIN Study. *American Journal of Public Health*.
- Bain, T. M., Frierson, G. M., Trudelle-Jackson, E., & Morrow, J. R. (2010). Internet reporting of weekly physical activity behaviors: The WIN Study. *Journal of Physical Activity & Health* (7), 527-532.
- Trudelle-Jackson, E., Fleisher, L. A., Borman, N. P., Morrow, J. R., & Frierson, G. M. (2010). Lumbar Spine Flexion and Extension Extremes of Motion in Women of Different Age and Racial Groups. *The Spine Journal* (35), 1539-1544.
- Ortiz, A., Trudelle-Jackson, E., McConnell, K., & Wylie, S. (2010). Effectiveness of a 6-week injury prevention program on kinematics and kinetic variables in adolescent female soccer players: A pilot study. *Puerto Rico Health Sciences Journal* (29), 40-48.
- Ortiz, A., Olson, S., Bartlett, W., Etnyre, B., & Trudelle-Jackson, E. (2010). Fatigue Effects on Knee Joint stability during Two Jump Tasks in Women. *Journal of Strength and Conditioning Research* (24), 1019-1027.
- Boucher, T., Wang, S., Trudelle-Jackson, E., & Olson, S. (2009). Effectiveness of surface electromyographic biofeedback-triggered neuromuscular electrical stimulation on knee rehabilitation. *North American Journal of Sports Physical Therapy* (4), 100-109.
- Trudelle-Jackson, E., Sarvaiya-Shah, S., & Wang, S. (2008). Interrater reliability of a movement impairment based classification system for lumbar spine syndromes in patients with chronic low back pain. *Journal of Orthopaedic and Sports Physical Therapy* (38), 371-376.
- Ortiz, A., Olson, S., Libby, C., Kwon, Y. H., & Trudelle-Jackson, E. (2007). Kinematic and kinetic reliability of two jumping and landing physical performance tests in young adult women. *North American Journal of Sports Physical Therapy* (2), 104-112.
- Ortiz, A., Olson, S., Libby, C. L., Trudelle-Jackson, E., Kwon, Y. H., Etnyre, B. & Bartlett, W. (2007). Landing mechanics between noninjured women and women with anterior cruciate ligament reconstruction during 2 jump tasks. *American Journal Sports Medicine* (10), 1-9.
- Trudelle-Jackson, E., Jackson, A. W., & Morrow, J. R. (2006). Muscle strength and postural stability in healthy older women: Implications for fall prevention. *Journal of Physical Activity & Health* (23), 1-12.
- Wang, S., & Trudelle-Jackson, E. (2006). Comparison of customized versus standard exercises in rehabilitation of shoulder disorders. *Clinical Rehabilitation* (20), 675-685.
- Trudelle-Jackson, E., & Smith, S. S. (2004). Effects of a late-phase exercise program after total hip arthroplasty: a randomized controlled trial. *Archives of Physical Medicine and Rehabilitation* (85), 1056-1062.
- Trudelle-Jackson, E., Emerson, R. H., & Smith, S. S. (2002). Outcomes of total hip arthroplasty: A study of patients one year post-surgery. *Journal of Orthopaedic and Sports Physical Therapy* (32), 260-267.
- Trudelle-Jackson, E. (2002). Balance and post-operative lower extremity joint replacement. *Orthopedic Clinics of North America* (11), 101-110.
- Highenboten, C. L., Jackson, A., Trudelle-Jackson, E., & Meske, N. B. (1994). Cross-validation of height and gender estimations of femoral condyle width in osteochondral allografts. *Clinical Orthopaedics and Related Research* (298), 246-249.
- Trudelle-Jackson, E., Jackson, A. W., Frankowski, C. M., Long, K. M., & Meske, N. B. (1994). Interdevice reliability and

validity assessment of the Nicholas hand-held dynamometer. *Journal of Orthopaedic and Sports Physical Therapy* (20), 302-306.

Trudelle-Jackson, E., Meske, N. B., Highenboten, C. L., & Jackson, A. (1989). Eccentric/concentric torque deficits in the quadriceps muscle. *Journal of Orthopaedic and Sports Physical Therapy* (11), 142-145.

Jackson, A., & Trudelle-Jackson, E. (1988). A computer program for use in body composition analysis. *Strength and Conditioning Journal*.

Chapters, Cases, Readings, Supplements

Chapters

Trudelle-Jackson, E., & Fleisher, L. A. (2009). Musculoskeletal Health. *Health on Demand*. Champaign, IL: Human Kinetics.

Nichols, D., Fleisher, L., & Trudelle-Jackson, E. (2009). Osteoporosis. *ACSM's Resources for Clinical Exercise Physiology: Musculoskeletal, Neuromuscular, Neoplastic, Immunologic and Hematologic Conditions*(pp. 139-151). Baltimore, MD: Lippincott Williams & Wilkins.

Trudelle-Jackson, E. (2004). Musculoskeletal Health. *Physical Activity for Health and Fitness* (pp. 193-226). Champaign, IL: Human Kinetics.

Trudelle-Jackson, E. (2004). Pregnancy. *Physical Activity for Health and Fitness* (pp. 251-270). Champaign, IL: Human Kinetics.

Nichols, D., Horea, M., & Trudelle-Jackson, E. (2002). Osteoporosis. *ACSM's Resources for Clinical Exercise Physiology: Musculoskeletal, Neuromuscular, Neoplastic, Immunologic and Hematologic Conditions*(pp. 139-151). Baltimore, MD: Lippincott Williams & Wilkins.

Trudelle-Jackson, E. (1999). Musculoskeletal Health. *Physical Activity for Health and Fitness: An Individualized Lifetime Approach*(pp. 193-226). Champaign, IL: Human Kinetics.

Trudelle-Jackson, E. (1999). Pregnancy. *Physical Activity for Health and Fitness: An Individualized Lifetime Approach* (pp. 251-270). Champaign, IL: Human Kinetics.

Presentations of Refereed Papers

International

Swank, C., Medley, A., Thompson, M., & Trudelle-Jackson, E. (2014, June). *Comparing Cognition and Sedentary Behavior in People with Parkinson Disease with Matched Healthy Adults*. International Society for Posture and Gait Research World Congress, Vancouver, Canada-British Columbia.

Casebolt, J. B., Singhal, K., Kwon, M. S., Trudelle-Jackson, E., & Kwon, Y. H. (2010). *A Biomechanical Comparison of Axillary Crutch swing through Gait with and without Touch Down*. 2cd Annual Joint European Society of Movement Analysis for Adults and Children (ESMAC), Miami, Florida.

Morrow, J. R., Bain, T. M., Haskell, W. L., Trudelle-Jackson, E., & Frierson, G. (2010). *Prevalence of self-reported physical activity in community dwelling women: The WIN Study*. 3rd International Congress on Physical Activity and Public Health, Toronto, Canada.

Singhal, K., Casebolt, J. B., Kwon, M. S., Trudelle-Jackson, E., & Kwon, Y. H. (2010). *Effects of different crutches and arm dominance on shoulder joint kinetics*. 2cd Annual Joint European Society of Movement Analysis for Adults and Children (ESMAC), Miami, Florida.

Fleisher, L. & Trudelle-Jackson, E. (2007). *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), Vancouver, Canada.

Local

Shill, J., Beck, S., Hosea, K., & Trudelle-Jackson, E. (2017, October). *Reliability and Validity of Using Digital Images of Infants in Supported Sitting and Supine Positions for Measurement of Torticollis*. Texas Physical Therapy Association (TPTA), Corpus Christi, Texas.

National

Trudelle-Jackson, E., Felderhoff, J., & Shen, C. (2017). *Use of Global Aging Data on physical activity to predict physical performance, instrumental activities of daily living, life satisfaction and health perception in older adults*. A.P.T.A. Combined Sections Meeting, New Orleans, Louisiana.

- Thompson, M., Trudelle-Jackson, E., Davis, L., & Peters, N. (2016). *What are the characteristics of older adults that predict successful behavior change from sedentary to active lifestyle?* Exercise and Physical Activity in Aging Conference (EXPAAC) II, Indianapolis, Indiana.
- Trudelle-Jackson, E. & Jackson, A. W. (2016). *Do older adults who meet 2008 physical activity guidelines have better physical performance?* Exercise and Physical Activity in Aging Conference (EXPAAC) II, Indianapolis, Indiana.
- Al Abbad, A., Wang-Price, S., Ortiz, A., & Trudelle-Jackson, E. (2015). *Immediate and carry-over effects of lumbopelvic manipulation on hip and knee electromyographix amplitude and pain intensity in people with patellofemoral pain syndrome.* APTA Combined Sections Meeting, Indianapolis, Indiana.
- Blume, C., Wang-Price, S., Trudelle-Jackson, E., & Ortiz, A. (2015). *Effectiveness of concentric versus eccentric rotator cuff and scapular muscle progressive resistance exercise in adults with subacromial impingement syndrome.* APTA Combined Sections Meeting, Indianapolis, Indiana.
- Karakattil, P., Trudelle-Jackson, E., Brown, H., Hammontree, P., & Okolo, M. (2015). *Outcomes of BTX-A for equinovarus deformity in patients with CVA: A case series.* APTA Combined Sections Meeting, Indianapolis, Indiana.
- Trudelle-Jackson, E., Hines, E., Connell, S., Follingstad, R., & Russell, D. (2015). *The association between assessments of quadriceps muscle power obtained with the isotonic mode of the Biodex multi-joint system and when calculated from the stair climb test.* APTA Combined Sections Meeting, Indianapolis, Indiana.
- Swank, C., Barisa, M., Medley, S., Thompson, M., & Trudelle-Jackson, E. (2014). *The relationship between the RBANS and a dual task paradigm in people with Parkinson's disease.* APTA Combined Sections Meeting, Las Vegas, Nevada.
- Zapata, K., Wang, S., Trudelle-Jackson, E., Thompson, M., & Lovelace-Chandler, V. (2014). *Effectiveness of spinal stabilization exercises for low back pain in adolescents with idiopathic scoliosis.* American Physical Therapy Association Combined Sections Annual Meeting, Las Vegas, Nevada.
- Hines, E., Bedell, L., & Trudelle-Jackson, E. (2013). *A comparison of lower extremity muscle strength measurements taken with a hand-held dynamometer with and without use of a stabilization strap.* American Physical Therapy Association Combined Sections Meeting, San Diego, California.
- Zapata, K., Wang, S., Trudelle-Jackson, E., Thompson, M., & Lovelace-Chandler, V. (2013). *Effectiveness of spinal stabilization exercises for low back pain in adolescents with idiopathic scoliosis.* Texas Physical Therapy Association Annual Conference, Arlington, Texas.
- Swank, C., Peiser, M., Zimmerman, R., Medley, A., Thompson, M., Trudelle-Jackson, E. (2012). *Predictors of sedentary behavior in people with Parkinson disease.* American Physical Therapy Association, Chicago, Illinois.
- Borman, N. P., Johnson, K. M., Trudelle-Jackson, E., Vingren, J. L., & Morrow, J. R. (2011). *Self-report resistance exercise behaviors, falls self-efficacy and history of falls: The WIN Study.* 58th Annual Meeting and 2nd World Congress on Exercise is Medicine of the American College of Sports Medicine, Denver, Colorado.
- Mojica, F., Trudelle-Jackson, E., McConnell, K., Wylie, S., & Ortiz, A. (2011). *Effectiveness of an injury prevention program in female soccer players.* 58th Annual Meeting and 2nd World Congress on Exercise is Medicine of the American College of Sports Medicine, Denver, Colorado.
- Morrow, J. R., Trudelle-Jackson, E., & Haskell, W. L. (2011). *Meeting physical activity guidelines and incidence of musculoskeletal injury: The WIN Study.* 58th Annual Meeting and 2nd World Congress on Exercise is Medicine of the American College of Sports Medicine, Denver, Colorado.
- Trudelle-Jackson, E., Thompson, M., Bolar, S., Landy, B., & Sallee, B. (2011). *Are physical therapists aware of the 2008 Physical Activity Guidelines for Americans and what are they doing about it?* American Physical Therapy Association, National Harbor, Maryland.
- Trudelle-Jackson, E. & Morrow, J. R. (2011). *Are lower limb muscle strength and flexibility deficits predictive of musculoskeletal injury? The WIN Study.* 58th Annual Meeting and 2nd World Congress on Exercise is Medicine of the American College of Sports Medicine, Denver, Colorado.
- Trudelle-Jackson, E., Ferro, E., Huff, C., McQueary, A., & Thomas, J. (2011). *Intra- and inter-tester reliability of lower extremity muscle strength measurements using a hand-held dynamometer with and without a stabilization strap.* American Physical Therapy Association, New Orleans, Louisiana.
- Vingren, J. L., Morrow, J. R., Trudelle-Jackson, E., & Mathew, M. (2011). *What strengthening activities do women perform? Findings from the WIN Study.* 58th Annual Meeting and 2nd World Congress on Exercise is Medicine of the American College of Sports Medicine, Denver, Colorado.
- Ferro, E., Trudelle-Jackson, E., Gracian, A., Henry, J., Kahil, K., Wolf, S. (2010). *Reliability and validity of an electronic*

inclinometer (EI) and standard goniometer (SG) for measuring the Q-angle in 2 different positions in a sample of women.

Texas Chapter of the American College of Sports Medicine, Houston, Texas.

Jackson, A. W., Trudelle-Jackson, E., & Morrow, J. R. (2010). *Strength and obesity in women meeting HHS muscle strengthening activity recommendations: The WIN Study.* Annual American College of Sports Medicine (ACSM) Conference, Baltimore, Maryland.

Morrow, J. R., Bain, T., Frierson, G., & Trudelle-Jackson, E. (2010). *Long-term reliability of self-reported physical activity: The WIN Study.* Annual American College of Sports Medicine (ACSM) Conference, Baltimore, Maryland.

Norris, B. M. & Trudelle-Jackson, E. (2010). *Hip and thigh-muscle activation during the Star Excursion Balance Test.* Annual American College of Sports Medicine (ACSM) Conference, San Diego, California.

Trudelle-Jackson, E., Ferro, E., Morrow, J. R., & Frierson, G. M. (2010). *Differences in muscle strength between Caucasian and African-American women of different age groups: the WIN study.* American Physical Therapy Association, San Diego, California.

Bain, T. M., Morrow, J. R., Barlow, C. E., Trudelle-Jackson, E., & Frierson, G. M. (2009). *Relationship between physical activity and body habitus among free-living women.* Annual American College of Sports Medicine (ACSM) Conference, Seattle, Washington.

Boucher, A., Wang, S., Olson, S., & Trudelle-Jackson, E. (2009). *Effectiveness of surface electromyographic biofeedback-triggered neuromuscular electrical stimulation on knee rehabilitation.* American Physical Therapy Association, Las Vegas, Nevada.

Clubb, D., Wang, S., Olson, S., Trudelle-Jackson, E., Lovelace-Chandler, V., Mitchell, K. (2009). *Comparison of Cervical Spine Manipulation and Vibratory Inhibition in Patients with Dysfunction of the Cervical Spine.* American Physical Therapy Association, Las Vegas, Nevada.

Fleisher, L., Borman, N., Frierson, G., Morrow, J. R., & Trudelle-Jackson, E. (2009). *Reliability and validity of lumbar range of motion measurements using a single electronic goniometer in women.* American Physical Therapy Association, Las Vegas, Nevada.

Trudelle-Jackson, E., Morrow, J. R., Fleisher, L. A., Borman, L. P., & Frierson, G. M. (2009). *Lumbar Spine Flexion and Extension Extremes of Motion in Women of Different Age and Racial Groups.* Annual American College of Sports Medicine (ACSM) Conference, Seattle, Washington.

Morrow, J. R., Frierson, G. M., Trudelle-Jackson, E., & Rives, T. E. (2008). *Surveillance of women's injuries resulting from physical activity: project WIN.* American College of Sports Medicine Annual Meeting, Indianapolis, Indiana.

Ratner, J., Wang, S., & Trudelle-Jackson, E. (2008). *Outcomes of a high-velocity thrust manipulation on patients with sacroiliac joint hypomobility dysfunction.* American Physical Therapy Association, Nashville, Tennessee.

Trudelle-Jackson, E., Ortiz, A., McConnell, K., & Wylie, S. (2008). *Effects of a 6-week injury prevention program on knee valgus during landing in adolescent female soccer players.* American Physical Therapy Association, Nashville, Tennessee.

Borman, N., Trudelle-Jackson, E., Dacus, B., & Saad, D. (2007). *Effects of an individualized exercise program on post-menopausal women with low bone mass.* American Physical Therapy Association, Boston, Massachusetts.

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

Trudelle-Jackson, E. & Karakattpil, P. S. (2007). *Outcomes of total knee arthroplasty 1-year postsurgery.* American Physical Therapy Association, Boston, Massachusetts.

McConnell, K., Wylie, S., Ortiz, A., & Trudelle-Jackson, E. (2006). *Effects of a 5-week injury prevention program on kinematics and kinetics in adolescent women soccer players: A pilot study.* American Physical Therapy Association, San Diego, California.

Wang, S., Trudelle-Jackson, E., Tossey, L. L., Vo, W. P., & Theriault, T. M. (2006). *Effectiveness of two physical therapy interventions for increasing length in the pectoralis minor muscle.* American Physical Therapy Association, San Diego, California.

Trudelle-Jackson, E., Brandelesi, G., & Eppright, K. (2005). *Lower extremity muscle strength decline with aging: Implications for fall prevention.* American Physical Therapy Association, New Orleans, Louisiana.

Trudelle-Jackson, E. & Kondraske, G. (2004). *Nonlinear Causal Resource Analysis to Determine Threshold Strength Needed for Stair Climbing in Subjects With Total Hip Arthroplasty.* American Physical Therapy Association, Nashville, Tennessee.

Trudelle-Jackson, E. & Smith, S. S. (2003). *Effect of Post-Rehabilitation Exercise on Strength and Postural Stability Following Total Hip Arthroplasty*. American Physical Therapy Association, Tampa Bay, Florida.

Trudelle-Jackson, E., Smith, S. S., & Jackson, A. W. (2000). *Assessment of impairments and functional outcomes in patients one year after total hip replacement*. Annual American College of Sports Medicine (ACSM) Conference, Indianapolis, Indiana.

Jackson, A., Trudelle-Jackson, E., Frankowski, C., Long, K. M., & Meske, N. B. (1993). *Interdevice reliability and validity of the Nicholas hand-held dynamometer*. American College of Sports Medicine National Conference, Seattle, Washington.

State

Karakkattil, P., Trudelle-Jackson, E., Medley, A., & Swank, C. (2018). *Effects of Two Different Types of Ankle Foot Orthoses on Gait Outcomes in Patients with Subacute Stroke*. Texas Physical Therapy Association Annual Meeting, San Antonio, Texas.

Hines, E., Trudelle-Jackson, E., Connell, S., Follingstad, R., & Russell, D. (2014). *The association between assessments of quadriceps muscle power obtained with the isotonic mode of the Biodex multi-joint system and when calculated from the stair climb test*. Texas Physical Therapy Association Annual Conference, Galveston, Texas.

Ferro, E., Bedell, L., Johnson, A., McMillan, K., & Trudelle-Jackson, E. (2011). *Intra- and inter-tester reliability of lower extremity muscle strength measurements using a hand-held dynamometer with and without a stabilization strap*. Texas Physical Therapy Association Annual Conference, Houston, Texas.

Fleisher, L. & Trudelle-Jackson, E. (2007). *Exercise effect on strength, balance, and quality of life in women with low bone mass*. Texas Physical Therapy Association Annual Conference, Galveston, Texas.

Nations, T., Ortiz, A., & Trudelle-Jackson, E. (2007). *Effects of a 6-week injury prevention program on knee valgus during landing in adolescent female soccer players*. Texas Physical Therapy Association Annual Conference, Galveston, Texas.

Dacus, B., Saad, D., Borman, N., & Trudelle-Jackson, E. (2006). *Effects of an individualized exercise program on post-menopausal women with low bone mass*. Texas Physical Therapy Association Annual Conference, Fort Worth, Texas.

Karakkattil, P. & Trudelle-Jackson, E. (2006). *Outcomes of total knee arthroplasty 1-year postsurgery*. Texas Physical Therapy Association Annual Conference, Fort Worth, Texas.

McConnell, K., Wylie, S., Ortiz, A., & Trudelle-Jackson, E. (2005). *Effects of a 5-week injury prevention program on kinematics and kinetics in adolescent women soccer players: A pilot study*. Texas Physical Therapy Association Annual Conference, The Woodlands, Texas.

Wang, S. S., Trudelle-Jackson, E., Tossey, L. L., Vo, W. P., & Theriault, T. M. (2005). *Effectiveness of two physical therapy interventions for increasing length in the pectoralis minor muscle*. Texas Physical Therapy Association Annual Conference, The Woodlands, Texas.

Trudelle-Jackson, E. & Smith, S. S. (2001). *Effect of Post-Rehabilitation Exercise on Strength and Postural Stability Following Total Hip Arthroplasty*. Texas Physical Therapy Association Annual Conference, Arlington, Texas.

Trudelle-Jackson, E. & Smith, S. S. (1999). *Outcomes of total hip arthroplasty in patients who are 1-year post surgery*. Texas Physical Therapy Association Annual Conference, Houston, Texas.

Trudelle-Jackson, E., Rozier, C. K., & Smith, S. S. (1999). *TWU Health Promotion & Research Center: A collaboration between the university and Presbyterian Hospital to benefit the community*. Texas Physical Therapy Association Annual Conference, Houston, Texas.

Trudelle-Jackson, E., Tally, J. A., Brandewie, D., Craig, S., Urban, K., Warner, C. (1995). *Reliability of the cervical range of motion (CROM) device*. Texas Physical Therapy Association Annual Conference, Dallas, Texas.

Trudelle-Jackson, E., Dupuis, S., Bunetta, P., Daugherty, K., & Kotera, T. (1994). *Angular velocity and quadriceps peak torque angle of occurrence*. Texas Physical Therapy Association Annual Conference, San Antonio, Texas.

Trudelle-Jackson, E., Deaton, D. L., Johns, K., Narasov, S., & Rafeei, T. (1992). *Test-retest reliability of Kin-Com measurements of shoulder internal and external rotators*. Texas Physical Therapy Association Annual Conference, Houston, Texas.

Trudelle-Jackson, E., Meske, N. B., Highenboten, C. L., & Jackson, A. (1988). *Eccentric/concentric torque deficits in the quadriceps muscle*. Texas Physical Therapy Association Annual Conference, Dallas, Texas.

Grants

Research

2018: Swank, C. & Trudelle-Jackson, E., Rehabilitation Research and Training Center: Developing and Evidence-Base to

Reduce Cardiovascular Disease Risk and Promote Healthy Aging for People with Long-Term Disabilities, Co-Investigator, GOV-National Institute on Disability and Rehabilitation Research (NIDRR).

2016 [Year 5 of 5]: Trudelle-Jackson, E. Development of an Office of Research & Sponsored Programs at Texas Woman's University Institute of Health Sciences-Dallas Center, Principal Investigator, GOV-National Institute of Child Health & Human Development (NICHD).

2015: Trudelle-Jackson, E. & Swank, C., Enhancing the Clinical Research Workforce: A Collaborative Effort between Academic and Clinical Partners, Co-Principal Investigator, Baylor Foundation.

2015: Trudelle-Jackson, E. Effect of Two Different Types of AFOs on Gait Outcomes in Patients with Subacute Stroke, Principal Investigator, Texas Physical Therapy Foundation.

2015: Trudelle-Jackson, E., Swank, C., Bell, K., Driver, S., & Froelich-Grobe, K. Enhancing Physical Activity for Lifelong Health in Individuals with a Disability, Co-Investigator, GOV-National Institute on Disability and Rehabilitation Research (NIDRR).

2013: Trudelle-Jackson, E. The Effect of Home-Based High Velocity Training Exercises on Muscle Strength, Muscle Power and Functional Performance in Individuals with Total Knee Arthroplasty, Principal Investigator, Texas Physical Therapy Foundation.

2012 [Year 2 of 2]: Trudelle-Jackson, E. Resistance Exercise & Strength Training Assessment (RESTA), Co-Investigator, GOV-National Institutes of Health(NIH).

2011 [Year 5 of 5]: Trudelle-Jackson, E. Women's Exercise Injuries: Incidence and Risk Factors, Principal Investigator, GOV-National Institute of Arthritis & Musculoskeletal & Skin Diseases (NIAMS).

2011 [Year 3 of 3]: Trudelle-Jackson, E. The Effect of Power Training on Functional Performance and Walking Behavior in Individuals with Total Knee Arthroplasty, NIH: Academic Research Enhancement Award.

2010: Trudelle-Jackson, E. Effect of Rehabilitative Ultrasound Imaging Biofeedback on Urinary Incontinence, Pelvic Floor Muscle Contraction, and Quality of Life in Women With Stress Urinary Incontinence, Principal Investigator, American Physical Therapy Association, Section Women's Health.

2010 [Year 2 of 2]: Trudelle-Jackson, E. Resistance Exercise & Strength Training Assessment (RESTA), Co-Investigator, NIH:Improving Diet & PA Assessment.

2009 [Year 2 of 2]: Trudelle-Jackson, E. Effect of Ultrasound Imaging Biofeedback on Stress Urinary Incontinence in Women, National Institute of Health (Challenge Grants).

2006: Trudelle-Jackson, E. Exercise Effect on Strength, Balance, and Function in Women With Low Bone Mass, Principal Investigator, Texas Physical Therapy Foundation.

2003: Trudelle-Jackson, E. Outcomes of Total Knee Arthroplasty in Patients Who Are 1-Year Post Surgery, Principal Investigator, Texas Physical Therapy Foundation.

2000: Trudelle-Jackson, E. Effect of Exercise on Strength and Postural Stability in Patients Post-Total Hip Arthroplasty, Principal Investigator, Texas Physical Therapy Association Research Foundation.

Papers Under Review

Hines, E., Trudelle-Jackson, E., Medley, A., & Thompson, M. (2019). "Exploration of Habitual Walking Behavior and Home-Based Muscle Power Training in Individuals with Total Knee Arthroplasty," 1st revise and resubmit to *Journal of Physical Activity and Health*.

Watson, S. & Trudelle-Jackson, E. (2019). "Test-retest reliability and minimal detectable change of the instrumented modified Clinical Test of Sensory Interaction on Balance in healthy, older adults," Initial submission to *Journal of Geriatric Physical Therapy*.

Working Papers

Hines, E., Trudelle-Jackson, E., Medley, A., & Thompson, M. (2019). "Exploration of Habitual Walking Behavior and Home-Based Muscle Power Training in Individuals with Total Knee Arthroplasty," targeted for *Journal of Physical Activity and Health*.

Shearin, S., Medley, A., Trudelle-Jackson, E., Querry, R., & Swank, C. (2019). "Gastrocnemius strength affects gait speed and step length in individuals with Parkinson's disease."

Karakattil, P. S., Trudelle-Jackson, E., Medley, A., & Swank, C. (2019). "Effects of two different types of ankle foot orthoses on gait outcomes in patients with subacute stroke: A randomized repeated measures trial.," targeted for *Clinical Rehabilitation*.

Shill, J. & Trudelle-Jackson, E. (2017). "Inclined positioning and development of severe brachycephaly and plagiocephaly in 4-month old infants," targeted for Journal of Pediatric Physical Therapy.

Service

Service to the Institution

Department Assignments

Chair:

2013-2014 – 2015-2016: Post-Professional Committee

2014-2015: Peer Review Committee

2012-2013: Faculty Search Committee

2008 – 2010: Professional Admissions Committee

Coordinator/Director:

2014-2015 – 2018-2019: Research Coordinator

2013 – 2014: Research Coordinator

2004 – 2013: Research Coordinator

2004 – 2006: Director of Health Promotion & Research Center (HPRC)

Member:

2019-2020: School of Physical Therapy Peer Review Committee

2016-2017 – 2018-2019: Professional Admissions

2016-2017 – 2018-2019: Post Professional Program Committee

2010 – 2012: Awards Committee

2010 – 2012: Marketing and Recruitment Committee

2010 – 2012: Professional Admissions Committee

2004 – 2012: Post-Professional Curriculum Committee

2009-2010: Graduate Program Review

2004-2005: DPT Graduate Outcomes Task Force

2004-2005: DPT Curriculum Sub-Committee on Generic Abilities

2004-2005: DPT Curriculum Research Sub-Committee

2004-2005: DPT Curriculum Musculoskeletal Sub-Committee

2003-2004: Marketing and Recruitment Committee

2003-2004: Professional Curriculum Committee

2003-2004: Professional Admissions Committee

College Assignments

Member:

2012-2013: College of Health Sciences Awards Committee

2011-2012: Graduate Program Review

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

University Assignments

Coordinator/director:

2015-2016 – 2016-2017: Dallas Office of Research

2012 – 2016: Director, Dallas Office of Research

Member:

2017-2018 – 2018-2019: Faculty Review Committee
2016-2017 – 2018-2019: University Promotion and Tenure
2016-2017: Graduate Program Review for MS Exercise and Sports Nutrition
2014-2015: Associate Dean for Research Search Committee
2010 – 2012: University Research Advisory Committee
2011-2012: Academic Plan Implementation Cross Cutting Committee for Strategic Direction 2
2008 – 2011: University Promotion and Tenure Committee
2005-2006: Planning Committee for Women's Health Symposium
2005-2006: Summer Research Stipends Selection Committee
2004-2005: Faculty Development Leave Committee
2003-2004: Faculty Grievance Committee

Service to the Profession**Invited Lecture**

2006 – 2018: The Profession of Physical Therapy: Who, What, Where and How. Guest speaker for UNT Kinesiology dept. (once or twice each long semester) since 2006.
2010: Measurements in Physical Therapy. Guest speaker for Dr. Sanborn's kinesiology class.
2009: Health Promotion in the Physical Therapy Curriculum. Speaker at PT/PTA Annual Faculty Summit.
2007: Guest Speaker, Cooper Institute, Dallas, Texas.
2005: The Female Athlete: Epidemiology of Injuries and Treatment Considerations. Guest speaker for post-professional master's class in Women's Health.
2004: Non-Contact ACL Injuries in Female Athletes. Guest speaker for Biomechanics PhD program.
2003: East Texas District of Texas Physical Therapy Association, Kilgore, Texas. Considerations for the Orthopedic Treatment of the Geriatric Client Week-end course for members.
2001: Presbyterian Hospital Cardiovascular Center, Dallas, Utah. Exercise following total hip replacement.

Reviewer: Ad Hoc Reviewer for a Journal

1990 – 1995: Medicine and Science in Sports and Exercise.

Reviewer: Article / Manuscript

2017 – 2018: Journal of Geriatric Physical Therapy.
2016 – 2018: Physical Medicine and Rehabilitation Leaflets.
2016 – 2017: Journal of Physical Activity and Health.
2016: Research Quarterly for Exercise and Sport.
2014 – 2016: Journal of Orthopedic and Sports Physical Therapy.
2012 – 2015: Clinical Rehabilitation.
2002 – 2015: Archives of Physical Medicine and Rehabilitation.

Reviewer: Book / Textbook

2017: Intermediate Statistics Using SPSS.

Reviewer: External Tenure

1995 – 1998: Texas Physical Therapy Education & Research Foundation.

Reviewer: Grant Proposal Related to Expertise

2009 – 2010: Texas Physical Therapy Foundation.
2009 – 2010: Texas Physical Therapy Education & Research Foundation.
2009 – 2010: The Health Research Board, Ireland-Research Training Fellowships for Healthcare Professionals.

Service to the Community

Member of a Committee

2000: Nursing Research Committee Presbyterian Hospital

Speech / Presentation at a Community Meeting

2011: Guest speaker for NOF North Dallas Support Group Methodist Richardson Medical Center, Exercise Strategies for Osteoporosis.

2010: Guest speaker for NOF North Dallas Support Group Methodist Richardson Medical Center, Exercise and Osteoporosis.

2007: Interns at Cooper Institute, The profession of physical therapy.

Professional Development

Research-Related Conference/Seminar

2010: University of South Carolina School of Public Health, Columbia, South Carolina.

Technology-Related Training

2012: National Institute of Health, Bethesda, District of Columbia.

Honors/Awards

Award

2016: Mentor in Chancellor's Research Fellows Program, Texas Woman's University.

2012: Outstanding Researcher Award, Texas Physical Therapy Association.

2001: Outstanding Graduate Student Award, Texas Woman's University.

Honor

2010: Mentor in Chancellor's Research Fellows Program, Chancellor's Research Fellows Program.

2009: , Chancellor's Research Fellows Program.

2006: TPTA Annual Conference Outstanding Poster Presentation Award, Texas Physical Therapy Association.