CURRICULUM VITAE

Sharon Wang, PT, PhD
April 2011

Texas Woman's University
School of Physical Therapy
8194 Walnut Hill Lane
Dallas, Texas, 75231

Education: *(Post high school, from most recent to earliest, institution, location, duration of study of study, field of study, degree received)*

Texas Woman's University	Houston, TX	PhD Physical Therapy	1991-1999
University of Pittsburgh	Pittsburgh, PA	MS Health Related Professions Sports Physical Therapy	1988-1990
National Taiwan University	Taipei, Taiwan	BS Physical Therapy	1983-1987

Licensure Information/Registration Number:

Texas Physical Therapy License # 1069193
Pennsylvania Physical Therapy License # PT-006889-L

Certifications:

Board Certified Clinical Specialist in Orthopaedic Physical Therapist (OCS), American Physical Therapy Association since 1999, recertified in 2009

Certified Orthopedic Manual Physical Therapist (COMT). North America Institute of Orthopedic Manual Therapy since 2008

Fellow of American Academy of Orthopaedic Manual Physical Therapy (FAAOMPT) since 2009

Employment and Positions Held: (*From most recent to earliest, including title/position, faculty rank, tenure status or other institutional status, institution, location, duration (from-to))*

Associate Professor Tenured	School of Physical Therapy Texas Woman's University Dallas TX	2006-Present
Assistant Professor	School of Physical Therapy Texas Woman's University Dallas TX	2000-2006
PRN Physical Therapist	Select Physical Therapy Dallas TX	2006-Present

PRN Physical Therapist	Baylor Tom Landry Center Dallas, Texas	2005-2007
PRN Physical Therapist	Uptown Physical Therapy Dallas, Texas.	2005
PRN Physical Therapist	Concentra Medical Center Dallas, Texas	2000-2004
Physical Therapist & Site Coordinator	Concentra Medical Center Dallas, Texas	1995-2000
PRN Physical Therapist	Stambush Physical Therapy Houston, Texas	1995
Fellow	HealthSouth Rehabilitation Center Sports Medicine Program Columbia, Missouri	1994
Staff Physical Therapist.	Atkinson Manual Physical Therapy Clinic Houston, Texas	1994
Staff Physical Therapist	St. Joseph Hospital, Sports Care Department of Rehabilitation Houston, Texas	1991-1994
Staff Physical Therapist and Clinical Instructor	University of Pittsburgh Medical Center, Presbyterian Hospital Department of Physical Therapy Pittsburgh, Pennsylvania	1990-1991
Physical Therapist Part-time	University of Pittsburgh Medical Center, Sports Medical Centers Pittsburgh, Pennsylvania	1990-1991
Graduate Student Assistant	University of Pittsburgh Department of Physical Therapy Pittsburgh, Pennsylvania	1989-1990
Staff Physical Therapist/ Acting director	Chung-Shan Hospital Department of Physical Therapy Taipei, Taiwan	1987-1988

Peer Reviewed Publications: *(From the most recent to the earliest (include those accepted for publication but not yet published, but indicate as such) Include papers in journals, AV materials published, monographs, chapters in books, and books, provide full bibliographic citation.*

Richard SL, Wang SS, Georgelas TJ. Thoracic syrinx in a patient with balance difficulties. *J Orthop Sports Phys Ther.* 2011;41(4):282.

Wang SS, Meadows J. Immediate and carry-over changes of C5-6 joint mobilization on shoulder external rotator muscle strength. *J Manipulative Physiol Ther.* 2010;32(2):102-108.

Boucher A, Wang S, Trudelle-Jackson E, Olson S. Effectiveness of surface electromyographic biofeedback-triggered neuromuscular electrical stimulation on knee rehabilitation. *N Am J Sports PhysTher*, 2009;4(3):100-109.

Trudelle-Jackson E, Sarvaiya-Shah SA, Wang SS. Interrater reliability of a movement impairment classification system for lumbar spine syndromes in patients with chronic low back pain. *J Orthop Sports Phys Ther*. 2008; 38(6):371-376.

Wang SS, Trudelle-Jackson EJ. Comparison of customized versus standard exercises in rehabilitation of shoulder disorders. *Clin Rehabil*. 2006;20:675-687.

Wang SS, Normile SO, Lawshe BT. Reliability and minimal detectable change determination for serratus anterior muscle strength and endurance. *Physiother Theory Pract.* 2006;22(1):33-42

Peer Reviewed Scientific and Professional Presentations: *(from the most recent to the earliest. Include presenter (s), title, occasion, and date)*

Wang SS, Csiza LA, Arnold AJ, Mason MA, Flatt SP, Shield N, Jones, CR, Gibbons BJ. American Physical Therapy Association Combined Section Meeting, New Orleans, LA. Identification of postural stability deficits in individuals with chronic low back pain. Research poster presentation. 2011

McFarland CM, Wang SS, Richard SL. American Physical Therapy Association, Combined Section Meeting, New Orleans, LA. Clinical measurement of cervical posture using flexicurve and inclinometer methods in individuals with and without cervical spine dysfunction: A reliability and validity study. Research poster presentation. 2011

Blume CL, Wang SS, McSpadden J, McBride BN. American Physical Therapy Association, Combined Section Meeting, New Orleans, LA. Reliability of ultrasound measurements of supraspinatus thickness at rest and during isometric contractions. Research poster presentation. 2011

McFarland CM, Wang SS, Richard SL. Texas Physical Therapy Association, Annual Conference, Arlington, TX. Clinical measurement of cervical posture using flexicurve and inclinometer methods in individuals with and without cervical spine dysfunction: A reliability and validity study. Research poster presentation. 2010

Wang SS, Ortiz, A. American Physical Therapy Association, Combined Section Meeting, San Diego, CA. Comparison of three electromyographic normalization methods for trapezius muscles during shoulder reaching. Research poster presentation, 2010

Wang SS, Garrison EM, Hamilton CM, Rodgers LA, Gaillot LB. American Physical Therapy Association, Combined Section Meeting, San Diego, CA. Reliability of measurement of cervical multifidus muscle contraction using rehabilitative ultrasound imaging. Research poster presentation. 2010

Wang SS, Fraise AL, Farmer ME, Waliany N. American Physical Therapy Association, Combined Section Meeting, Nashville, TN. Proprioception, posture, deep neck flexor muscle strength and endurance in patients with neck pain: validity and reliability of clinical measurements. Research poster presentation. 2008

Ratner J, Wang S, Trudelle-Jackson E. American Physical Therapy Association, Combined Section Meeting, Nashville, TN. Outcomes of a high-velocity thrust manipulation on patients with sacroiliac joint hypomobility dysfunction. Research poster presentation.2008

Wang SS, Havel K, Russ L, Clubb D. American Physical Therapy Association, Combined Section Meeting, Boston MA . Inter-rater reliability of the cervical biomechanical examination for patients with neck pain between experienced manual therapists and physical therapy students. Research poster presentation. 2007

Wang SS, Barr W, Bierman D, Mercado D, Trudelle-Jackson E. American Physical Therapy Association, Combined Section Meeting, Boston, MA . Do lower trapezius muscle strengthening exercises influence electromyographic activity of the upper and lower trapezius in patients with non-specific neck pain. Research poster presentation. 2007

Wang SS, Havel K, Russ L, Clubb D. Texas Physical Therapy Association, Annual Conference, Fort Worth, TX. Inter-rater reliability of the cervical biomechanical examination for patients with neck pain between experienced manual therapists and physical therapy students. Research poster presentation. 2006

Wang SS, Barr W, Bierman D, Mercado D, Trudelle-Jackson E. Texas Physical Therapy Association, Annual Conference, Fort Worth, TX. Do lower trapezius muscle strengthening exercises influence electromyographic activity of the upper and lower trapezius in patients with non-specific neck pain. Research poster presentation. 2006

Wang SS, Trudelle-Jackson EJ, Tossey LL, Vo WP, Theriault TM. American Physical Therapy Association, Combined Section Meeting, San Diego, CA. Effectiveness of two physical therapy interventions for increasing length in the pectoralis minor muscle. Research platform presentation. 2006

Wang SS, Tossey LL, Vo WP, Theriault TM. Trudelle-Jackson EJ. Texas Physical Therapy Association, Annual Conference, Woodlands, TX. Effectiveness of Physical therapy interventions for increasing length in the pectoralis minor muscle. Research platform presentation. 2005

Boucher AM, Wang S. Texas Physical Therapy Association, Annual Conference, Woodlands, TX. Effectiveness of Surface electromyographic biofeedback-triggered neuromuscular stimulation on knee rehabilitation: an outcome study. Research poster presentation. 2005.

Clubb D, Wang SS. Texas Physical Therapy Association, Annual Conference, Woodlands, TX. Reliability of cervical range of motion measurement using the dual bubble inclinometers and electronic digital inclinometer. Research poster presentation. 2005

Wang SS, Jenkins LM, Taylor VC, Trudelle-Jackson EJ. American Physical Therapy Association, Combined Section Meeting, New Orleans, LA. Can physical therapy interventions improve muscle imbalance between the upper and lower trapezius? An electromyographic study. Research poster presentation. 2005.

Wang SS, Antony JA, English MA, Foster AB, Harcourt AB. American Physical Therapy Association, Combined Section Meeting, New Orleans, LA. Effectiveness of shoulder rehabilitative exercises on people with shoulder pain. Research poster presentation. 2005

Abbott J, Wang SS, Smith S. American Physical Therapy Association, Combined Section Meeting, New. Orleans, LA. Minimal Detectable change in grip strength measures in women following carpal tunnel release. Research poster presentation. 2005

Wang SS, Antony JA, English MA. Texas Physical Therapy Association, Annual Conference, Austin, TX. Effectiveness of shoulder rehabilitation exercises on people with shoulder pain. Research platform presentation. 2004.

Wang SS, Jenkins LM, Taylor VC, Trudelle-Jackson EJ. Texas Physical Therapy Association, Annual Conference, Austin, TX. Can physical therapy interventions improve muscle balance between the upper and lower trapezius? An electromyographic study. Research platform presentation. 2004

Abramov D, Beardon C, Wang SS. Texas Physical Therapy Association, Annual Conference, Austin, TX. Relationship of the menstrual cycle to anterior cruciate ligament laxity as tested by the KT-1000 arthrometer. Research platform presentation. 2004

Wang SS, Foster C, Harcourt A. American Physical Therapy Association, Annual Conference & Expo, Chicago, IL. Gravity-minimized shoulder muscle strength tests in people with shoulder disorders. Research poster presentation. 2004

Wang SS, Kotlyar E, Mitterer GM. American Physical Therapy Association, Combined Section Meeting, Nashville, TN. Reliability in hand-held dynametric measurements of the middle and lower trapezius muscles in elderly people. Research poster presentation. 2004

Wang SS, Foster C, Harcourt A. Texas Physical Therapy Association, Annual Conference, Austin, TX. A preliminary report of the effectiveness of shoulder rehabilitative exercises on people with shoulder pain. Research platform presentation. 2003

Wang SS, Kotlyar E, Mitterer GM. Texas Physical Therapy Association, Annual Conference, Austin, TX. Test-retest reliability in hand-held dynametric measurements of the shoulder in elderly people. Research Poster presentation. 2003

Wang SS, DeLlamas JS, Mathews CD. American Physical Therapy Association, Combined Section Meeting, Tampa, FL. Can serratus Anterior muscle strengthening exercises correct abnormal scapular winging? A case study. Research poster presentation. 2003

Wang SS, Normile SO, Lawshe BT. American Physical Therapy Association, Combined Section Meeting, Tampa, FL. A reliability study of new techniques to determine serratus anterior muscle strength and endurance. Research poster presentation. 2003

Wang SS, DeLlamas JS, Mathews CD. Texas Physical Therapy Association, Annual Conference, Austin, TX. Effectiveness of a serratus anterior muscle strengthening exercise program in correcting abnormal scapula winging – a case study. Research poster presentation. 2002

Wang SS, Normile SO, Lawshe BT. Texas Physical Therapy Association, Annual Conference, Austin, TX. Measurement of serratus anterior muscle strength – a reliability study. Research poster presentation. 2002

Wang SS, Olson SL, Hanten WP, Etnyre BR. American Physical Therapy Association, Combined Section Meeting, San Antonio, TX. The effect of McConnell shoulder taping technique in people with anterior shoulder pain. Research platform presentation. 2001

Non Peer Reviewed Publications: *(From the most recent to the earliest, provide full bibliographic citation)*

Wang SS. Commentary: Scapula and humeral movement patterns and their relationship with pain: a preliminary investigation. *Int J Ther Rehabil*. 2011;18(4):219.

Funded/in Review Grant Activity: *(Include: Authorship/Participation, Amount of Funding awarded, nature of project, date and source)*

NIH AREA (R15) for "Effect of Neck Exercise Interventions on Cervical Multifidus Muscle Contraction in Patients with Neck Pain". In review. Submitted on 2/25/2011 for $390,410 (direct cost for $287,478, indirect cost for $102,932). Role: Principal Investigator.

Texas Physical Therapy Foundation for "Comparison of the effect of pelvic compression on deep abdominal muscle thickness in persons with sacroiliac joint pain and healthy

adults using ultrasound imaging". Amount: $2,800. Awarded in 11/2010. Role: Co-investigator.

Texas Physical Therapy Foundation for "Comparison of supraspinatus muscle thickness changes in persons with subacromial impingement syndrome and healthy adults using ultrasound imaging." Amount: $2,500, awarded in 11/2009. Role: Co-investigator.

Texas Woman's University, Research & Sponsored Programs, Small Grants Program for "Ultrasonographic measurements of cervical multifidus muscle contraction in individuals with and without neck pain: a reliability and comparison study." Amount: $600, awarded in 10/2009. Role: Principal investigator.

Texas Physical Therapy Foundation for "Clinical measures of cervicothoracic posture using flexicurve and inclinometer methods in individuals with and without cervical dysfunction: A reliability and validity study." Amount: $2,000, awarded in 11/2008. Role: Co-investigator.

Texas Woman's University, Research & Sponsored Programs, Small Grants Program for "Comparison of dynamic postural stability between healthy controls and chronic low back pain patient." Amount: $600, awarded in 10/2008. Role: Principal investigator.

Texas Physical Therapy Foundation for "Effectiveness of surface electromyographic biofeedback triggered neuromuscular electrical stimulation on knee rehabilitation" Amount: $3,000, awarded in 1/2006. Role: Co-investigator.

Texas Society of Allied Health Professions for "Effectiveness of surface electromyographic biofeedback triggered neuromuscular electrical stimulation on knee rehabilitation." Amount: $1,000. 10/2005. Role: Co-investigator.

Texas Physical Therapy Education and Research Foundation for "Effectiveness of shoulder rehabilitative exercises in people with painful shoulders." Amount: $3,215, awarded in 2002. Role: Principal investigator.

Texas Woman's University. Research Enhancement Program for "The effectiveness of shoulder rehabilitative exercises in elderly people with shoulder pain." Amount: $4,981, awarded in 2001. Role: Principal investigator.

Not Funded

Orthopaedic Section, American Physical Therapy Association for "Comparison of manual therapy and exercise versus exercise alone in the treatment of subacromial impingement syndrome". Submitted in 11/2009 for $14,991. Role: Co-investigator.

Texas Woman's University. Research Enhancement Program for "Ultrasonographic measurements of cervical multifidus muscle contraction in individuals with and without neck pain: a reliability and comparison study". Submitted in 4/2009 for $7,960. Role: Principal Investigator.

Orthopaedic Section, Ameican Physical Therapy Association for "Comparison of manual therapy and exercise versus exercise alone in the treatment of subacromial impingement syndrome." Submitted in 11/2009 for $14,991. Role: Co-investigator.

American Academy Orthopedic Manual Physical Therapy for "Comparison of cervical spine Manipulation and vibratory inhibition in patients with mechanical dysfunction of the cervical spine". Submitted in 07/2005 for $4,950. Role: Co-investigator.

Orthopedic Section, American Physical Therapy Association for "Effectiveness of biofeedback, functional electrical stimulation and the combination on people with anterior knee pain". Submitted in 11/2004 for $15,000.Role: Co-investigator.

Texas Woman's University. Chancellor's Research Fellows Program. Submitted in 09/2001, $6,000 for Protégés and $5,000 for Mentor.

Current/Active Research Activity: *(Include authorship, nature, funding (External, grant, internal)*

Ultrasonographic measurements of cervical multifidus muscle contraction in individuals with and without neck pain: a reliability and comparison study. Data collection in progress. Role: Principal Investigator.

Assessing patellofemoral joint stability following unilateral knee arthroscopic surgery: a reliability and validity study. Data collection in progress. Role: Co-investigator.

Membership in Scientific/Professional Organizations: *(Include positions held)*

American Physical Therapy Association: 1991 - Present
Orthopedic section member since 1991
Texas Physical Therapy Association: 1991 – Present
American Academy of Orthopaedic Manual Physical Therapy: 2004 - Present
North America Institute of Orthopaedic Manual Therapy, Fellow member: 1/2006 – Present

Community Service: (*Include title or nature (Note if chairmanship is held) Agency, Duration From-To)*

Pro-bono Physical Therapy Services for local community.

Services to the University/College School on Committees/Councils/Commissions: *(Cite Membership and Chairmanships, and include University wide, school, other schools in the university, department, dates)*

University Committees

Research Support Committee: 9/2007 – Present

Institutional Review Board (IRB) Committee – Dallas: 9/2002 -present

University Library Liaison for School of Physical Therapy at Presbyterian Campus – Dallas: 1/2002-8/2004

College of Health Science Committee

Future Directions Committee: 8/2004 -6/2005

School of Physical Therapy Committees

Post-professional Program Curriculum Committee: 8/2004 -Present

Orthopaedic Manual Physical Therapy (OMPT) Certificate Program, Coordinator: 1/2005-Present

Scholarship Committee: 9/2001 – Present; Chair 8/2006-Present

Promotion and Tenure Committee: 8/2008 – Present; Chair 8/2009-Present

Student Committee: 9/2001 - 8/2003, Chair 2002-2003

Other School-related Services

Budget sub-committee (Dallas campus), Chair: 9/2008-present

Professional Service

American Physical Therapy Association
Abstract reviewers for the APTA CSM research presentation: 2009 - Present
External reviewer for the American College of Occupational and Environmental Medicine
(ACOEM) "Shoulder Guidelines" Chapter: 08-09/2010

Texas Physical Therapy Association,
Continued Education Reviewer: 1998-Present
Research Sub-committee: 10/2002-Present
Nominating Committee: 10/2010-Present

Texas Physical Therapy Foundation
Board Member & Trustee/Grant Reviewer: 10/2005-Present
Research Chair: 10/2007-Present

External reviews for Peer-reviewed Journals:
International Journal of Therapy & Rehabilitation, 6/2009-Present
Journal of Development & Rehabilitation, External Reviewer: 7/2005-Present
Disability and Rehabilitation: 2/2007-Present
Clinical Rehabilitation: 6/2007-Present

Continuing Education Attended: *(List only courses taken within the last 5 years that are specifically related to responsibilities in the entry level program)*

2011 American Physical Therapy Association Combined Section Meeting, February 9-12, 2011, New Orleans, LA (2.1 CEUs).

2010 North American Institute of Manual Therapy, "The Integration of the Art with the Science of Manual Physical Therapy", November 6-7, 2010, Dallas TX (1.425 CEU)
American Academy of Orthopaedic Manual Physical Therapy, Annual Conference, October 6-10, 2010, San Antonio, TX (1.825 CEU).
Neuro Orthopaedic Institute, "Mobilization of the Nervous System", March 27-28, 2010, Flower Mound, TX (1.5 CEU).
American Physical Therapy Association, Combined Section Meeting, February 17-21, 2010, San Diego, CA (2.1 CEUs).

2009 American Academy of Orthopaedic Manual Physical Therapy, Annual Conference, "Physical Therapists: The 1st Choice for musculoskeletal Care". October 14-18, 2009, Washington DC (1.75 CEUs).

2008 American Physical Therapy Association, Annual Conference, June 11-14, 2008, San Antonio, CA (2.4 CEUs).
North American Institute of Manual Therapy Symposium, "Spinal Manipulation: Trusting Physical Therapy Forward", April 12, 2008, Portland, OR (0.8 CEUs).
North American Institute of Manual Therapy, "Ergonomically Efficient Manipulation", April 11, 2008, Portland, OR (0.8 CEUs).
American Physical Therapy Association, Combined Sections Meeting, February 6-9, 2008, Nashville, TN (2.1 CEUs).
North American Institute of Manual Therapy, "NAIOMT Level IV: High Velocity Manipulation", September 16-21, 2008, Berrien Spring, MI (4.8 CEUs).

2007 Orthopaedic Section, APTA, Independent Study Course (ISC 17.1): Diagnostic Imaging in Physical Therapy. June 21, 2007 (1.5 CEUs).
American Physical Therapy Association, Combined Sections Meeting, February 14-18, 2007, Boston, MA (2.1 CEUs).

2006 North American Institute of Manual Therapy, "NAIOMT Level II: Peripheral Manipulation", July 28-30, 2006, Dallas, TX (2.1 CEUs).
North American Institute of Manual Therapy, "NAIOMT Level III: Thoracic Spine", June 23-25, 2006, Dallas, TX (2.1 CEUs).
North American Institute of Manual Therapy Symposium, "Spinal An Integration of Manual Therapy Approach to the Thorax", June 10, 2006, Portland, OR (0.8 CEUs).
American Physical Therapy Association, Combined Sections Meeting, February 1-5, 2006, San Diego, CA (2.1 CEUs).
American Physical Therapy Association, Pre-conference Course: "Promoting Developing Faculty to Teach Competencies of Primary Care Physical Therapy", January 31- February 1, 2006, San Diego, CA (1.25 CEUs).

Current Teaching Responsibilities in the Entry Level Program: *(In sequence, by term, do not include courses taught at other institutions)*

Semester 1

Semester 2

Semester 3

PT6002: Primary Care in Physical Therapy (Course Coordinator and Instructor)

Semester 4

PT6363: Musculoskeletal Physical Therapy: Lower Quadrant (Course Coordinator and Instructor)
PT5871: Critical Inquiry in Physical Therapy I (8 students)

Semester 5

PT6363: Musculoskeletal Physical Therapy: Lower Quadrant (Course Coordinator and Instructor)
PT6011: Critical Inquiry in Physical Therapy II (8 students)

Semester 6

Semester 7

PT6021: Critical Inquiry in Physical Therapy III (8 students)

Semester 8