

CURRICULUM VITAE

Sharon L. Olson, PT, PhD

July 26, 2006

Education:

PhD	1991	Texas Woman's University, Physical Therapy
MS	1985	Texas Woman's University, Physical Therapy
BS	1969	Northern Illinois University, Physical Therapy
Certificate	1968	Northwestern University, Physical Therapy

Licensure:

Current Texas Physical Therapy License (number available upon request)

Employment: Professional Positions:

August 1, 2004 – present: Director, TWU School of Physical Therapy
2002-2004: PT Director of Post-professional Studies – TWU Houston:
2004 – present: Professor
1997-2004: Associate Professor
1991-1997: Assistant Professor:
1984-1991: Supplemental Learning Lab Instructor:
1985-2001: PRN *Contract Services*, Houston: Primarily Orthopedic Outpatient Centers:
TIRR Rehabilitation Centers, Houston Work Injury Center
Affiliates in Physical Therapy, Dale Keyworth, P.T.
St. Luke's Episcopal Hospital
Access Physical Therapy, Anne Campbell, P.T.
Atkinson Manual Therapy
1979-1985: St. Luke's Episcopal Hospital, Houston
1972-1973: University Hospital, Ann Arbor, Michigan:
1968-1972: Tompkins County Hospital, Ithaca, NY
1968-1971: PRN *Contract Services*:
Ithaca College Student Health Service
Orthopedic Physical Therapy: Robert Sprague and Robert Grant, owners

Dissertation: “The Effects of TENS on Late Wave Somatosensory Evoked Cortical Potentials and Subjective Response to Experimental Pain” 1991. William Gould, advisor

Courses Taught at TWU (all graduate):

Professional Curriculum:

PT 5071 – Applied Physical Therapy Evaluation -Balance (Spring, 2001-2006)
PT 5921 – Professional Issues and Topics in Physical Therapy (Fall, 2002)
PT 5901 – Return to Sport (Summer, 2002)
PT 5013 – Applied Lifespan Development (Spring, 2002-2004)
PT 5811 – Clinical Practicum (Fall:1991-2000, 2003)
PT 5073 – Evaluation and Assessment in PT (Spring, 1992-2001)

PT 5113 – Therapeutic Activities for the Orthopedic Patient (1994-2004)
PT 5111 – Applied Orthopedic Management (Summer, 1994-2004)
PT 5033 – Medical Kinesiology – taught lab sessions (1994-1998)
PT 5062 – Medicine and Surgery – (Spring,1992)

Postprofessional Curriculum:

PT 5903 – Women’s Health, Adolescence to Pre-Menopause 2004, 2006 (Spring)
PT 6501 – Research Dissemination (Spring 2005)
PT 6503 – Advanced Research Problems – Grant Writing (Fall 2004, 2006)
PT 5233 – Research in Physical Therapy (Fall, 2002)
PT 5903 – Advanced Lower Extremity Evaluation and Treatment (Fall 2002)
PT 5901 – Functional Outcomes Assessment (Summer 2002)
PT 5903 – Special Topics: Differential Diagnosis: Orthopedics (Fall, 1998)
PT 5293 – Pathokinesiology of Gait: 1993, 1999, 2001, and 2003 (Fall)
PT 5903 – Special topics: Work Injury Management (Fall, 1995; assisted, 2000)

Publications:

Book Chapter (in press):

Olson SL, Kondraske GV, Murphy M. Patient-Centered Measurement: A Resource-Based Approach. In press, M Simmonds (Ed.) Measuring and Managing Pain, Patients, and Practitioners. Assessment, Outcomes and Evidence. New York: Elsevier Press, 2006.

Journal Articles:

Ortiz, A, Olson S, Libby C. Core stability for the female athlete: a review. *J Section Women’s Health*. 30(2):11-17, 2006

Lin JJ, Hanten WP, Olson SL, Roddey TS, Soto-Quijano DA, Lim HK, Sherwood AM. Shoulder dysfunction assessment: self-report and impaired scapular movement. *Phys Ther*. 86(8):1065-1074, 2006

Kuck J, Hasson S, Olson S. Effects of aquatic spinal stabilization exercise in patients with symptomatic lumbar spinal stenosis. *J Aquatic Phys Ther*. 13(2):11-20, 2005.

Lin JJ, Hanten WP, Olson SL, Roddey TS, Soto-Quijano DA, Lim HK, Sherwood AM. (2005) Functional activity characteristics of individuals with shoulder dysfunctions. *J Electromyogr Kinesiol*. Dec;15(6):576-86. Epub 2005 Feb 19.

Lin J, Hanten WP, Olson SL, Roddey TS, Soto-Quijano DA, Lim HK, Sherwood AM. Functional activities characteristics of shoulder complex movements: Exploration with a three-dimensional electromagnetic measurement system. *J Rehabil Res Dev* 42(2):199-210, 2005.

Hanten WP, Olson SL, Lindsay WA, Lounsberry KA, Stewart JK. The effect of manual therapy and a home exercise program on cervicogenic headaches: a case report. *J Manual & Manipulative Phys Ther*. 13(1):35-43, 2005.

Wang CY, Olson SL, Gleeson PB, Protas EJ. Physical performance tests to evaluate walking disability in community-dwelling elders. *J Aging Phys Act*.13:184-197, 2005.

Ortiz A, Olson SL, Roddey T, Lopez V. Reliability of selected physical performance tests in young adult women. *J Strength and Conditioning Research*. 19(1):39-44, 2005.

Pauls J, Protas E, Olson S. Physical activity, hormone replacement therapy use, and cardiac outcomes in women with heart disease. *Journal of the Section on Women’s Health*. April;28(1):11-14, 2004.

- Cook KF, Roddey TS, Gartsman GM, Olson SL. Development and psychometric evaluation of the flexilevel scale of shoulder Function. *Med Care*, July; 41(7):823-835, 2003.
- Wang W, Olson S, Hanten W, Campbell A, Gleeson P. Effectiveness of physical therapy for patients with neck pain. *Amer Jour Phys Med*, March; 82(3):203-218.
- Murphy M, Olson SL, Protas EJ, Overby A. (2003) Screening for falls in community-dwelling elderly. *J Aging Phys Act*, 11:66-80, 2003.
- Roddey TS, Olson SL, Gartsman GM, Hanten WP, Cook KF. A randomized controlled trial comparing 2 instructional approaches to home exercise instruction following arthroscopic full-thickness rotator cuff repair surgery. *J Orthop Sports Phys Ther*, 32(11):548-559, 2002.
- Roddey TS, Olson SL, Grant SE. The effect of pectoralis muscle stretching on the resting position of the scapula in persons with varying degrees of forward head/rounded shoulder posture. *Journal of Manual and Manipulative Therapy*, 10(3):124-128, 2002.
- Hanten WP, Olson SL, Ludwig GM. Reliability of manual mobility testing of the upper cervical spine in subjects with cervicogenic headache. *Journal of Manual and Manipulative Therapy*, 10(2):76-82, 2002.
- Wang CY, Olson SL, Protas E. Test-retest strength reliability: hand-held dynamometry in community-dwelling elderly fallers. *Arch Phys Med Rehabil*, 83:811-5, 2002.
- Cook KF, Roddey TS, Olson SL, Gartsman GM, Valenzuela FFT, Hanten W. Reliability by surgical status of self-reported outcomes in patients who have shoulder pathologies. *J Ortho Sports Phys Ther*, 32(7):336-346, 2002.
- Cook KF, Gartsman GM, Roddey TS, Olson SL. The measurement level and trait-specific reliability of 4 scales of shoulder functioning: an empiric investigation, *Arch Phys Med Rehab*, 82:1558-65, 2001.
- Ondo W, Warrior D, Overby A, Calmes J, Henderson N, Olson S, Jankovic J. Computerized posturography analysis of progressive supranuclear palsy: A case-control comparison with Parkinson's disease and healthy controls. *Arch Neurol*, 57(10):1464-9, 2000.
- Hanten WP, Olson SL, Butts NL, Nowicki AL. Effectiveness of a home program of ischemic pressure followed by sustained stretch for treatment of myofascial trigger points. *Phys Ther*, 80(10):997-1003, 2000.
- Roberts-Warrior D, Overby A, Jankovic J, Olson S, Lai E, Krauss J Grossman R. Postural control in parkinson's disease after unilateral posteroventral pallidotomy. *Brain*, 123(Pt 10):2141-2149, 2000.
- Roddey TS, Olson SL, Cook KL, Gartsman GM, Hanten WP. "Comparison of the university of California-Los Angeles shoulder scale and the simple shoulder test with the shoulder pain and disability index: single-administration reliability and validity. *Phys Ther*, 80(8):759-768, 2000.
- Olson SL, O'Connor DP, Birmingham G, Broman P, Herrera L. Tender point sensitivity, range of motion, and perceived disability in subjects with neck pain. *J Ortho Sports Phys Ther*, 30(1):13-20, 2000.
- Hanten WH, Olson SL, Russell JL, et al. "Total head excursion and resting head posture: normal and patient comparisons. *Arch Phys Med Rehabil*, 81(1):62-66, 2000.
- Hanten WH, Olson SL, Hodson JL, et al. The effectiveness of CV-4 and resting position techniques on subjects with tension-type headaches. *J Manual and Manip Ther*, 7(2): 64-70, 1999.

- Novy DM, Simmonds MJ, Olson SL, Lee CE, Jones SC. Physical performance differences in men and women with and without low back pain. *Arch Phys Med Rehabil*, 80:195-198, 1999.
- Olson SL, Perez JV, Stacks LN, Walsh MH. The effect of TENS and interferential current on cutaneous blood flow in healthy subjects. *Physiother Canada*, Winter:27-31, 1999.
- Balogun JA, Powell R, Trullender B, Olson S, Balogun AO. Intra- and intertester reliability of the NICHOLAS hand-held dynamometer during evaluation of upper extremity isometric muscle strength. *Eur J Phys Med Rehabil*, May; 8(@):48-53, 1998.
- Simmonds MJ, Olson SL, Jones S, Hussein T, Lee CE, Radwan H, Novy D. Psychometric characteristics and clinical usefulness of physical performance tests in patients with low back pain. *Spine*, Nov 15; 23(22):2412-21, 1998.
- Chen WY, Balmos T, Olson SL, Wang WTJ, Hanten WP. Comparison of initial median frequency values formulated by two different methods. *Jour Clin Electrophysiol*, 9(1):2-6, 1997.
- Hanten WP, Barrett M, Gillespie-Plesko M, Jump KA, Olson SL. Effects of active head retraction with retraction/extension and occipital release on the pressure pain threshold of cervical and scapular trigger points. *Physiotherapy Theory and Practice*, 13(4):285-291, 1997.
- Olson SL, Donovan E. Soft tissue mobilization following free tram breast reconstruction: a case report. *Physiotherapy Theory and Practice*, 12(3):173-177, 1996.
- Olson SL, Gould WR, Zirkel S. Somatosensory evoked potentials: reliability of response to experimental pain. *Jour Clin Electrophysiol*, 7(1):2-5, 1995.

Abstracts (of Presentations):

- Ortiz A, Libby CL, Bartlett WP, Etnyre B, Peterson E, Stout E, Crago R, Welch M, Olson SL. (2006) Fatigue effects on an up-down repetitive jump landing task in young women. *Med Sci Sports Ex*. 38(5S).
- Ortiz A, Bartlett WP, Hironymous N, Lombardi P, Raiford E, Fontenot D, Trcka JL, Olson SL. (2006) Fatigue effects on lower extremity joint stability during a drop jump in young women. *Med Sci Sports Ex*. 38(5S)
- Etnyre B, Olson SL. (2006) Validity of time measurements for sit-to-stand movements. *Med Sci Sports Ex*. 38(5S)
- Wang CY, Olson SL, Liang CC. (2005) Older adults' physical and mental health in volunteers and non-volunteers. Physical Therapy 2005, Annual Conference and Exposition of the APTA. www.apta.org/am/aptaapps/programming/pt/abstracts/PO-RR-37-TH
- Elazzazi A, Gleeson P, Olson S, Kohia M. (2004) Differences in physical function between elderly women with and without history of falls. *J Geriatric Phys Ther*. 27(3):118.
- Olson SL, Deshpande AM, Conditt M, Noble PC, Parsley BS. (2004) Reliability and Validity of physical performance tests following total knee arthroplasty. Physical Therapy 2004, Annual Conference and Exposition of the APTA. <http://www.apta.org/programming/pt/abstractsPt2004> PO-RR-92-TH)
- Carvalho AM, Johnson RM, Olson SL, Roddey TS. (2004) Test-retest reliability of four upper quarter functional performance tests in male baseball players. *J Orthop Sports Phys Ther*, 34(1):A61.

- Hanten W, Olson S, Lindsay W, Lounsberry K, Stewart J. (2003) The effect of a physical therapy treatment protocol on cervicogenic headache: a case report. *Journal of Manual and Manipulative Therapy*, 11(10):165.
- Lidiak CR, Olson SL, Roddey TS. (2003) Performance measures after total knee arthroplasty. Physical Therapy 2003: Scientific Meeting and Exposition of the APTA. www.ptjournal.org (PO-RR-66-TH)
- Hanten W, Olson S, Black B, Do S. (2003) The effect of a home program on trigger point sensitivity pain affect, and pain intensity. Physical Therapy 2003: Scientific Meeting and Exposition of the APTA., www.ptjournal.org (PO-RR-89-TH)
- Russell B, Olson S, Hanten W. (2003) Physical therapy characteristics of patients referred to physical therapy with a diagnosis of plantar fasciitis. Physical Therapy 2003: Scientific Meeting and Exposition of the APTA., www.ptjournal.org (PO-SI-65-TH)
- Olson SL, Smith CJ, Pile MD, Wang CY, Gleeson PB, Protas EJ. (2002) Effects of exercise on limits of stability in older persons at risk of falling. www.ptjournal.org (PO-RR-56-TH)
- Hanten W, Olson S, Ludwig G. (2002) Reliability of mobility testing of the cervical spine. www.ptjournal.org (PO-RR-99-TH)
- Cook K, Roddey T, Gartsman G, Olson S. (2002) Scaling shoulder function with efficiency and precision: development of a flexi-level scale. Accepted for Third Rehabilitation Research and Development Conference: Rehabilitation Research for the Twenty-First Century: The new Challenges. Arlington, VA, Feb 10-12.
- Roddey TS, Olson SL, Gartsman GM, Hanten WP, Cook KF. (2002) A comparison of two methods of home program instruction following arthroscopic full-thickness rotator cuff repair: a one-year prospective randomized trial. *J Orthop Sports Phys Ther*, 32(1):A-8.
- Roddey TS, Olson SL, Grant SE. (2001) The effect of pectoralis stretching on the resting position of the scapula in persons with varying degrees of forward head/rounded shoulder posture. *Journal of Manual and Manipulative Therapy*, 9(10):169.
- Olson SL, Wang CY, Protas EJ. (2001) Risk intervention strategies for elders: use of a human performance engineering model to determine patient specific limitations. *Jour Geriatric Phys Ther*, 24(3):12
- Wang CY, Olson SL, Protas EJ. (2001) Balance, lower extremity strength and flexibility as predictors of functional mobility in community-dwelling older adults. *Jour Geriatric Phys Ther*, 24(3):28
- Rossi MD, Hasson SM, Kohia, M Bryan W, Etnyre B, Olson, S. (2001) Evaluation of knee extensor activity between individuals with knee joint replacement and healthy controls in open and closed-chain strength tests. *Phys Ther*, 81(5):A29.
- Hanten W, Olson S, Farnsworth M, et al. (2001) The effect of a home program of neck retraction exercises for the treatment of cervicogenic headaches. *Phys Ther*, 81(5):A31.
- Wang SS, Olson SL, Hanten WP, Etnyre BR. (2001) The effect of the McConnell shoulder taping technique on people with anterior shoulder pain. *J Orthop Sports Phys Ther*, 31(1):A14.
- Murphy M, Olson S, Protas E. (2000) An Intervention Study for community-dwelling elderly fallers based on nonlinear causal resource analysis. *Phys Ther*, 80(5): S16.

- Rossi MD, Hasson SM, Kohia M, Bryan W, Etnyre B, Olson S. (2000) Neuromuscular function of the quadriceps after total knee arthroplasty. *Phys Ther*, 80(5): S24.
- Rossi MD, Hasson SM, Kohia M, Bryan W, Etnyre B, Olson S. (2000) A comparison of electromyographic activity and ground reaction force (GRF) during one-legged sit-to-stand (OLSS) between individuals with total knee arthroplasty and controls. *Phys Ther*, 80(5):S60.
- Fredette DM, Protas EJ, Olson S, Overby A, Murphy M, Pauls J, Chen B, MacNeill B, Schieb D, Green G, Sherry L. (1999) A risk for fall screen in a multi-ethnic sample of community dwelling elders. *Phys Ther* 79(5):S19.
- Pineda E, Hasson SM, Rossi MD, Kohia M, Etnyre B, Olson S. (1999) Quadriceps function during the sit-to-stand maneuver in normal nursing home residents. *Phys Ther*, 79(5):S21.
- Rossi MD, Hasson SM, Bryan W, Etnyre B, Olson S, Pineda E, McKenna RF. (1999) An examination of self-report in individuals with total knee arthroplasty (TKA) using the western ontario and macmaster universities osteoarthritis index(womac). *Phys Ther*, 79(5):S27.
- Hanten WP, Olson SL, Butts NL, Nowicki AL. (1999) Effectiveness of a home program of ischemic pressure followed by sustained stretch for treatment of myofascial trigger points. *Phys Ther*, 79(5):S28.
- Olson SL, Wang WTJ, Smith DB, Gleeson PB, Hanten WP, Campbell AH. (1999) Psychometric properties of the neck disability scale. *Phys Ther*, 79(5):S28.
- Kohia M, Hasson S, Rossi MD, Bryan W, Olson S, Etnyre B, Pineda E. (1999) Subjective and objective measures of function in individuals with total knee arthroplasty. *Phys Ther*, 79(5):S30.
- Hasson SM, Rossi MD, Bryan W, Etnyre B, Olson S, Pineda E. (1999) The relationship between self-report, mobility and lower limb strength in individuals with total knee arthroplasty (TKA). *Phys Ther*, 79(5):S33.
- Wang WTJ, Olson SL, Al-Haboby M, Campbell AH, Hanten WP. (1999) Psychometric properties of physical performance and electromyographic measures in healthy adults and patients with neck pain. *Phys Ther*, 79(5):S29.
- Kohia M, Hasson SM, Rossi MD, Bryan W, Olson S, Etnyre B, Pineda E. (1999) Ground reaction force and emg analysis during a sit-to-stand in individuals with total knee arthroplasty. *Phys Ther*, 79(5):S68.
- Pineda E, Rossi MD, Hasson SM, Kohia M, Bryan W, Etnyre B, Olson S. (1999) Effect of total knee arthroplasty (TKA) on emg activity of the quadriceps during a one-legged horizontal press (OLHP). *Phys Ther*, 79(5):70.
- Roddey TS, Cook KC, Olson S, Gartsman G. (1999) Shoulder functioning: do we measure it well all of the time? some of the time? or none of the time? *J Orthop Sports Phys Ther*, 29(1):A-37.
- Chen WY, Suteerawattananon M, Olson S, Hanten W, Servilla JF, Blacker HM, Hasson S. (1998) Electromyographic frequency measures in subjects with chronic low back pain. *Phys Ther*, 78(5):S10.
- Chen WY, Suteerawattananon M, Olson S, Hanten W, Hasson S. (1998) Low back endurance and electromyographic frequency measures. *Phys Ther*, 78(5):S10
- Murphy MA, Olson SL, Protas EJ. (1998) A comparison study of screening tools and evaluation measures for understanding falls in minority community dwelling elderly. *Phys Ther*, 78(5):S13.

- Fredette DM, Protas EJ, Olson S, Schieb D, MacNeill B, Pauls J, Sherry L.(1998) Risk for frailty screen in an african-american geriatric population. *Phys Ther*, 78(5):S16.
- Roddey TS, Olson SL, Gartsman GM, Hanten WP. (1998) Reliability of self-report sections of four shoulder scales in shoulder patients. *Phys Ther*,78(5):S28
- Wang WTJ, Olson SL, Hayes F. (1998) Validity and responsiveness of a condition-specific questionnaire for neck disorders. *Phys Ther*, 78(5):S34
- Hanten WP, Olson SL, Hodson JL, Imler VI, Knab VM, Magee JL. (1998) The effectiveness of CV-4 and resting position techniques on subjects with tension-type headaches. *Phys Ther*, 78(5):S34.
- Wang SS, Chen WY, Olson SL, Etnyre BR, Valenzuela FT, Hanten WP.(1998) Correlation of the electromyographic recordings when using surface and fine-wire electrodes on the infraspinatus muscle in normal subjects. *Phys Ther*, 78(5):S39
- Wang SS, Olson SL, Chen WY, Etnyre BR, Hanten WP. (1998) The effect of the McConnell shoulder taping technique on the infraspinatus muscle in normal subjects. *Phys Ther*,78(5):S43.
- Hasson S, Rossi M, Kohia M, Bryan W, Etnyre B, Olson S, Pineda E. (1998) An evaluation of mobility and self report on individuals with total knee arthroplasty (TKA). *Phys Ther*, 78(5):S74
- Rossi MD, Hasson S, Kohia M, Bryan W, Etnyre B, Olson S, Pineda E. (1998) A comparison of quadriceps strength and girth between involved and uninvolved limbs in individuals with total knee arthroplasty. *Phys Ther*, 78(5):S75
- Kohia M, Hasson S, Rossi M, Bryan W, Olson S, Etnyre B, Pineda E. (1998) Effect of knee angle on isometric torque and emg activity of the quadriceps and hamstring muscles in patients with total knee arthroplasty. *Phys Ther*, 78(5):S75
- Hasson SM, Duncan D, Olson SL. (1998) Changes seen in cervical range of motion and function after a standard physical therapy regimen. *Phys Ther*,78(5):S78.
- Thomas M, Olson SL, Hasson SM, Etnyre B.(1998) Reliability, validity, and predictive ability of an assessment for functional chronic ankle instability. *J Orthop Sports Phys Ther*, 27(1):62.
- Kohia M, Hasson S, Rossi M, Bryan W, Etnyre B, Olson S, Pineda E. (1998) Effect of mechanical unloading on muscular activity in total knee arthroplasty (TKA) patients. *J Orthop Sports Phys Ther*, 27(1):71.
- Rossi M, Hasson S, Kohia M, Bryan W, Etnyre B, Olson S, Pineda E.(1998) Effect of total knee arthroplasty (TKA) on quadriceps strength. *J Orthop Sports Phys Ther*, 27(1):72.
- Pineda E, Hasson S, Rossi M, Kohia M, Etnyre B, Olson S. (1998) Quadriceps function during the sit-to-stand maneuver in normal nursing home residents. *J Orthop Sports Phys Ther*, 27(1):72
- Hussein TM, Simmonds MJ, Olson SL, Jones S. (1998) Kinematics of gait in normal and low back pain subjects. *J Orthop Sports Phys Ther*, 27(1):84
- Olson SL, Barney LP, Watson KL, Cervini MP. (1997) Dual inclinometer measurement of thoracic spine range of motion in healthy adults over 40 years of age. *J Orthop Sports Phys Ther*, 24(1):72.
- Losey KM, Olson S, Paine R. (1997) Reliability of knee function tests as measured by the functional active system for testing and exercise (fastex). *J Orthop Sports Phys Ther*, 24(1): 73.

- Pollock KS, Olson S. (1997) Use of the health status questionnaire in patients with low back pain. *J Orthop Sports Phys Ther*, 24(1):78.
- Marshall A, Olson SL. (1996) Hip and lumbar spine range of motion in professional ballet dancers. *Phys Ther*, 76(5):S37.
- Olson SL, Stacks L, Vandersand J, Walsh M. (1996) The effect of TENS and interferential current on cutaneous blood flow in healthy subjects. *Phys Ther*, 76(5):S18.
- Olson SL, Reeves K, Kawalec S, Overby T, King R. (1995) Sensitivity of the TWU scale and the SF-36 health status questionnaire in patients receiving treatment for cervical dysfunction. In Proceedings of the 12th International Congress of the World Confederation for Physical Therapy, American Physical Therapy Association, p 231
- Stegink-Jansen CV, Blake M, Olson SL, Hasson SM. (1995) Aspect of reliability and sensitivity of strength testing of wrist extension using the lido multi-joint II. In Proceedings of the 12th International Congress of the World Confederation for Physical Therapy, American Physical Therapy Association, p 994.
- Chen WY, Olson SL, Birmingham G, O'Connor D. (1995) Differentiating clinic and non-clinic subjects with neck pain. *J Orthop Sports Phys Ther*, 21(1):62
- Henderson NE, Faunce H, Johnson KA, Olson S. (1994) The efficacy of a thermoplastic orthotic in the treatment of plantar fasciitis. *J Orthop Sports Phys Ther*, 19(1):55
- Birmingham G, Herrera L, Olson S. (1993) Cervical range of motion and tender point sensitivity as predictors of neck pain and functional performance. *J Orthop Sports Phys Ther*, 17(1):59
- Olson SL, Gould WR. (1992) The effects of TENS on late wave somatosensory evoked cortical potentials and subjective response to experimental pain. *Phys Ther*, 72(6):S69
- Gould W, Childers K, Holt B, Olson S. (1991) Quantitative threshold measurements of sensation, pain, and tolerance elicited by electrical stimulation. *Phys Ther*, 71(6):88.
- Sabbahi M, Olson S, Aldea M. (1988) H-reflex modulation with the GTO. Abstracts, Society for Neuroscience, 18th Annual Meeting, 14:1302.
- Olson SL, Dehghan IR, Mitchell MJ. (1987) The use of postoperative transcutaneous electrical nerve stimulation following implantation of inflatable penile prostheses. *Phys Ther*, 67:774

Invited Presentations:

- “Exercise in the Elderly” (November 2004). Presented at Geriatrics Conference, Baylor College of Medicine.
- “Post-professional programs at TWU” (October 2001). Presented at Southeastern district of the APTA.
- “Fall Risk Reduction for Persons with Osteoporosis” (July 2001). Presented at the Houston Osteoporosis Support Group Meeting.
- “Update on the Foot and Ankle” (October 2000). Presented at Texas Physical Therapy Association’s Annual Meeting.
- “Maintaining Mobility Across the Continuum of Life: Mobility Screening” (September 2000). Presented at University of Texas-Center on Aging Annual Symposium.

“Using a Clinical Decision-Making Algorithm to Treat Patients with Neck Pain” (November 1999). Co-Presenter at Southeastern District of the TPTA.
“Healthy Aging” Lecture (July 1998). Presented to Houston Primetimers Organization.

Scientific Presentations (Other than those abstracted):

Elazzazi A, Olson S, Etnyre B, Gleeson P. (October 2004) Physical performance of elderly females in assisted living facilities and in the community: a comparative study. NYPTA Conference,
“How Do Foundation Awards Lead to Outcomes that Could Affect Practice? (June 2001) Presented at the Research Symposium, American Physical Therapy Association Annual Conference in Anaheim, CA.
“Utilizing the Resource Limitation Model to Design Fall Prevention Interventions for Frail Elders” (February 1999). Presented at the Houston Biomedical Engineering Society Annual Meeting
“Clinical Research on Flexibility in Older Adults” (September 1997) Presented at the 1997 International Conference on Aging and Physical Activity.
“Rehabilitation and the Frail Older Female” (May 1997) Symposium presented at the American College of Sports Medicine 1997 Annual Meeting.
See Abstract list for additional presentations.

Grants:

PRS Health System, Inc.: Outcomes Assessment Following Hip or Knee Replacement: A Longitudinal Pilot Study. Principal Investigator. Awarded \$11,094 in April, 2006
HRSA: “Interdisciplinary Education in Geriatrics for Allied Health Workers. (subcontract via Baylor College of Medicine.) Collaborator on multidisciplinary grant: Awarded \$30,000 per annum in 2005.
Institute for Women’s Health, Texas Woman’s University: “Job Satisfaction and Occupational Health of Home Health Aides.” Collaborator in multidisciplinary grant: Award of \$25,000 in Fall 2004.
TWU Research Enhancement Program: “Kinetic and Kinematic Analysis of Physical Performance Following ACL Repair” \$6000. Awarded in Sept., 2003
TWU Research Enhancement Program: “Physical Performance Testing Following Total Knee Replacement” \$4758. Awarded in Summer, 2002
Chancellor’s Research Fellow. “Investigation of Physical Performance Measures in Subjects with Total Knee Arthroplasties,” \$6,000. Awarded in October, 2001.
Foundation for Physical Therapy: “Risk Intervention Strategies for Elders.” Principal Investigator. Amount: \$40,000. Awarded in January, 1999.
Department of Veterans Affairs, Veterans Health Administration: “Development of a Flexi-level Scale of Shoulder Functioning.” Collaborator, 1998-1999.
Texas Physical Therapy Education and Research Foundation: “The Responsiveness and Validity of Change of Impairment, Physical Performance, and Functional Disability Measures in Patients with Neck Pain.” Wendy Wang and Sharon Olson, Co-Investigators. Amount: \$1600. Awarded in November, 1998.
TWU Research Enhancement Program: “Investigation of Impairment, Physical Performance and Functional Disability in Subjects with Neck Pain.” Principal Investigator. Amount: \$4800. Awarded in September, 1998.

NIH-EARDA Research Pilot Project Grant Program: "Risk Interventions Strategies in Elders: Pilot Project." Co-investigator. Amount: \$30,000. Funded in May, 1998

NIH-EARDA Research Pilot Project Grant Program: "Comprehensive Evaluation of Specific Physical Performance Tasks in Subjects with Low Back Pain." . Coinvestigator. Amount: \$35,000. Funded in April, 1997

TWU Research Enhancement Program: "The Utility of Two Timed Tests for Subjects with and without Low Back Pain." Co-investigator. Amount: \$5000. Awarded in August, 1996.

Texas Physical Therapy Education and Research Foundation: "Functional Disability Assessment in Patients with Upper Quadrant Symptoms." Principal Investigator. Amount: \$3000. Awarded in January, 1996.

Research Enhancement Program of Texas Woman's University "The Effects of High Frequency and Low Frequency TENS upon Late Wave Somatosensory Evoked Potentials and Subjective Perception in Response to Superficial Pain. Amount: \$3000. Awarded in 1992

Foundation for Physical Therapy: "The Effects of TENS on Somatosensory Evoked Potentials and Perceived Pain." Amount: \$5700. Awarded in Summer, 1990

Honors and Awards:

Texas Physical Therapy Association Award for Outstanding Research Poster Presentation 2005. Presenter: Charles Libby; Authors: Alexis Ortiz, Charles Libby, Sharon Olson

Journal of Manual and Manipulative Therapy: The Cardon Award for Excellence in a Published Research Article, 2002.

Texas Woman's University-Houston Physical Therapy Faculty Award: Awarded in Spring 2002.

TWU Chancellor's Fellow, 2001-2002

Texas Woman's University-Houston Physical Therapy Faculty Award: Awarded in Spring 2001.

William Gould Memorial Faculty Award: Awarded in October, 2000 from the Texas Physical Therapy Association

Texas Woman's University-Houston Physical Therapy Faculty Award: Awarded in Spring 2000.

American Academy of Orthopedic Manual Therapy Research Platform Award, October 1999

PROFESSIONAL SERVICE

University Service:

Member, CHS Leadership Council, Sept 2005-present

TWU Representative to TMC Center for Human Performance, 2005-present

Director, School of Physical Therapy, 2004-present

Member, Houston Executive Council, August 2004-present

Member, Council of Chairs, August 2004-present

Member, Graduate Council and Research Subcommittee, 2002-2005

Member of Future Directions Committee, College of Health Sciences, 2003-2004

Director of Post-professional Studies in Physical Therapy-Houston, 2002-2004

Chair of Post-professional Curriculum Committee in PT, 2003-2004

Professional Service:

Editorial Board Member: Physiotherapy Theory and Practice, 2005-present
Grant Reviewer for Texas Physical Therapy Education and Research Foundation,
1999-2002

Manuscript and Book Reviewer for British Journal of Sports Medicine, Journal of
Orthopaedic and Sports Physical Therapy, and Physiotherapy Theory and
Practice 1992-2005

Peer Reviewer of Continuing Education for TPTA: 2001-2004

Continuing Education Courses given:

“Update on the Foot and Ankle” (October, 2000). Presented at TPTA Annual Meeting
Thermal Modalities in Treatment of Upper Extremity Problems – Taught annually
from 1992-1996 in Houston, TX. Sponsored by Gulf Coast Continuing Education
and Associated Healthcare Seminars.

Electrical Modalities in Treatment of Upper Extremity Problems – Taught annually
from 1992-1996 in Houston, TX. Sponsored by Gulf Coast Continuing Education
and Associated Healthcare Seminars.

Advanced Electrotherapy – Taught in August, 1994, in Austin, TX. Sponsored by Gulf
Coast Continuing Education.

Interest Group Activity:

Steering committee for Houston area “Forum on Exercise, Sports, and Physical
Activity” 1995-1997

Steering committee for Houston Orthopedic Interest Group: 1994

Professional Memberships, Affiliations, and Offices Held:

TWU Representative to the TMC Center for Human Performance (2005-present)

Member of the American Physical Therapy Association: (1968-present)

Vice- Chairman of Central District NYPTA (1969-1971)

Member of the American Academy of Orthopedic Manual Physical Therapy (1994-
present)

Board Member (Secretary) of the Texas Education and Research Foundation (1996-
1999)

Member of the American College of Sports Medicine and its Texas Chapter –current