

CURRICULUM VITAE

NAME: Scott M. Hasson, EdD, PT, FACSM, FAPTA

DATE: January 2012

PRESENT POSITION AND ADDRESS:

Professor – Program of Physical Therapy

Angelo State University

San Angelo, TX 76909-0923

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BIOGRAPHICAL:

Home Address:

5522 Columbine Lane

San Angelo, TX 76904

(325) 617-4486

Married: Ellen M. Hasson

3 Children - Karen L.

Anne T. and Katherine T

EDUCATION:

August, 1987

University of Texas Medical Branch, Galveston, TX

Degree: Bachelor of Science

Field of Study: Physical Therapy

August, 1982

University of Northern Colorado, Greeley, CO

Degree: Doctor of Education

Field of Study: Exercise Physiology

August, 1980

California State University Fresno, Fresno, CA

Degree: Master of Arts

Field of Study: Physical Education

May, 1979

California State University Fresno, Fresno, CA

Degree: Bachelor of Science

Field of Study: Microbiology, Minor-Chemistry

RESEARCH ACTIVITIES:

A. Areas of Research

Muscle Physiology; Muscle Soreness; Rheumatoid Arthritis; Osteoarthritis; Total Joint Arthroplasty; Muscle Fatigue; Anterior Cruciate Ligament Injury; Case Reports; Spasticity

B. Grants and Contracts

1) Intramural Grants:

- 1991-92 TWU-Research Enhancement Program: "Evaluation of gait in children with William's Syndrome." Hasson, \$1,661.
- 1991-92 TWU-Biomedical Research Support Grant Program: "Lateral epicondylitis: Evaluation of pain perception." Hasson, \$1,445
- 1990-91 UTMB - Small Grant Program: "Electromyographic analysis of grip strength." Neibuhr, Fike, Hasson and Marion, \$4,933.
- 1985-86 Educational Incentive Grant, Texas A&M Center-Teaching Excellence Program: "The use of anatomical models in teaching principles of kinesiology." Hasson, \$1,000.

2) Extramural Grants:

- 1996-97 Proctor & Gamble: "A randomized single double blind efficacy comparison of naproxen sodium, ibuprofen, acetaminophen and placebo in the treatment of muscle pain (soreness) resulting from exercise induced over-exertion." Hasson, \$229,000.
- 1995-98 National Institute on Disability Rehabilitation Research: "Rehabilitation research training in physical therapy." Protas and Hasson, \$450,600.
- 1993-98 Department of Health and Human Services-NIH, Institutional National Research Awards Program: "Post doctoral fellowships in Physical Therapy." Protas and Hasson, \$430,000.
- 1995-96 Proctor & Gamble: "Single dose administration of nonsteroidal and analgesic medication: Effect on muscle soreness perception, and muscular and functional performance." Hasson, \$64,000.
- 1994-96 NASA-JSC, Regional University Program: "Computer modeling of hand force production and position during gripping and break-away grasp maneuvers." Hasson, \$63,177.
- 1993-94 Whitehall Laboratories: "Effect of NSAID's and protected activity on function, strength and endurance in lateral epicondylitis." Hasson, \$15,000.
- 1992-93 Department of Education: "Evaluation and computer modeling of gait for normal children and children with Williams syndrome." Hasson, \$14,925.

- 1992-93 NASA-JSC, Regional University Program: "Development of a strength and anthropometric data base for the purpose of computer modeling complex EVA upper extremity tasks." Hasson, \$61,290.
- 1990-93 National Institute on Disability Rehabilitation Research: "Pre-doctoral research fellowships." Protas & Hasson, \$502,000.
- 1991-93 IOMED, Inc.: "Effect of dexamethasone iontophoresis and exercise training on muscle strength, endurance, function and exertion for the arthritic wrist / hand." Hasson, \$20,000.
- 1991-92 Whitehall Laboratories: "Prophylactic and therapeutic effect of ibuprofen and acetaminophen on muscle soreness perception, performance and tissue injury." Hasson, \$15,000.
- 1989-90 Moody Foundation: "A motion analysis/ergonomics lab for clinical research and patient care at UTMB, the community and state of Texas." Yielding, Bruhn, Evans, Hasson, LeBlanc and Sheppard, \$300,000.
- 1989-90 IOMED, Inc.: "Effect of dexamethasone iontophoresis in conjunction with exercise training in rheumatoid arthritis: A pilot study." Hasson, \$2,000.
- 1988-89 Texas Society of Allied Health Professionals: "Effect of aerobic dance exercise leaders' fitness on class fitness parameters". Rahr and Hasson, \$300.
- 1987-88 Texas Foundation for Intercollegiate Athletics for Women: "Therapeutic effects of iontophoresis in female athletes." Hasson, \$300.

3) Contracts:

- 1990-91 Lockheed Engineering & Sciences Company: "Preparation of a dynamic human force data report." Hasson, \$10,000.

TEACHING EXPERIENCE:

- 2007- Angelo State University, Department of Physical Therapy, College of Sciences, San Angelo, TX, Professor and Chair
- 1997-07 University of Connecticut, Department of Physical Therapy, School of Allied Health, Storrs, CT, Professor and Chair (Joint Appointment – Department of Kinesiology)
- 1990-97 Texas Woman's University, School of Physical Therapy, Houston TX, Professor and Director of Advanced Studies (1993-97) (Promoted to Professor with Tenure 1996)

- 1986-90 University of Texas Medical Branch, Department of Physical Therapy, School of Allied Health Science, Galveston TX, Assistant Professor
- 1985-86 Texas A&M University, Department of Health and Physical Education, College Station TX, Assistant Professor
- 1992-00 Baylor College of Medicine, Department of Physical Medicine and Rehabilitation, Houston, TX, Adjunct Associate Professor
- 1988-90 University of Texas Medical Branch, Dept-Clinical Gerontology, Graduate School of Biological Sciences, Full-Member
- 1984-85 University of Southern California, Department of Physical Therapy, Los Angeles CA, Graduate Teaching Assistant
- 1983-84 F.E. Warren Air Force Base, Chapman College Extension, Cheyenne WY, Instructor/Lecturer
- 1980-82 University of Northern Colorado, Department of Physical Education, Greeley CO, Adult Fitness and Phase III/IV Cardiac Rehab Program Director and Physiology Lab and Teaching Assistant

PROFESSIONAL EXPERIENCE:

American Physical Therapy Association (APTA):

- 2001-03 American Physical Therapy Association, Section on Research, Secretary and Member of the Executive Committee
- 1995-98 Associate Editor, J Ortho Sports Phys Ther
- 1991-97 Foundation for Physical Therapy Doctoral Research Advisory Committee Member and Grant Reviewer
- 1991-95 Orthopaedic Section-APTA, Publication Committee, Member
- 1989-91 Orthopaedic Section, Nominating Committee Member and Chair and Member of the Executive Committee
- 1993-94 Orthopaedic Specialty Council, Orthopaedic Section-APTA, Orthopaedic Clinical Specialist Practice Analysis, Subject Matter Expert
- 2000- Manuscript Reviewer, Ergonomics
- 1999- Manuscript Reviewer, Physical Therapy
- 1994- Editor, Physiotherapy Theory and Practice

- 1991- Manuscript Reviewer, Physiotherapy Theory and Practice
- 1990- Manuscript Reviewer, Journal of Orthopaedic and Sports Physical Therapy
- 1988- Manuscript Reviewer, Physiotherapy Canada

American College of Sports Medicine (ACSM):

- 1995-98 American College of Sports Medicine, Professional Education Co.
- 1990-93 Texas Chapter, ACSM-Board of Executive Directors
- 2011- Manuscript Reviewer, Clinical Journal of Sports Medicine
- 1995- Manuscript Reviewer, Journal of Applied Physiology
- 1991- Manuscript Reviewer, Medicine and Science in Sports and Exercise
- 1990- Manuscript Reviewer, Sports Medicine

American College of Rheumatology (ACR):

- 2002-05 American College of Rheumatology, Member, Committee for Grants and Awards – Research and Education Foundation
- 1999-00 Philadelphia Panel for Rehabilitation Interventions (Representative from ACR)
- 1997-01 American College of Rheumatology, Association of Rheumatology, Section on Rehabilitation, Executive Committee
- 1996-97 American College of Rheumatology, Association of Rheumatology Health Professionals, Executive Committee
- 1995-97 American College of Rheumatology, Association of Rheumatology Health Professionals, Slide Collection Revision Task Force
- 1992-94 American College of Rheumatology, Association of Rheumatology Health Professionals, Practice Committee
- 1991-93 Arthritis Health Professions Association Abstract Reviewer for 1991-93 National Meetings
- 1989-90 Arthritis Health Professions Association CORE Curriculum Review Task Force
- 1994- Manuscript Reviewer, Arthritis and Rheumatism

1989- Manuscript Reviewer, Arthritis Care and Research

Federal Grant Review:

2010- US Army Medical Research and Material Command

2010- National Institute on Disability Rehabilitation Research (NIDRR),
Constituent Reviewer, Summative Program Review for RRTC
Arthritis Rehabilitation

2005-06 National Institute on Disability Rehabilitation Research (NIDRR),
Constituent Reviewer, Programs on Obesity and Rehabilitation

1999-2005 National Institute on Disability Rehabilitation Research (NIDRR), Standing
Committee – Health and Function Panel

2002-03 National Institute on Disability Rehabilitation Research (NIDRR),
Constituent Reviewer, Summative Program Review for RRTC
Neuromuscular Diseases and Arthritis Rehabilitation

1993-94 National Institute on Disability Rehabilitation Research (NIDRR), Grant Review
Panelist

Federal Grant Review (Other Countries):

2010 - Health Research Board - Ireland

Other:

1992-97 Rehability, Orthopaedic PT, Houston and Clear Lake, TX

1989-97 Lockheed Engineering/NASA Consultant Pathfinder Project

1994-96 Research Support Committee, Texas Woman's University, Chair Sub-committee
to review the Texas Food & Fibers Commission Grants

1990-92 Bay Area Physical Therapy, Orthopaedic PT, Dickinson, TX

1990-91 Texas Coordinating Board of Higher Education, Member-Task Force on Health
Promotion Curriculum

1987-89 UTMB-John Sealy Hospital, PT III, Orthopaedic Ambulatory Care Center,
Galveston TX

1982-84 Stress Management Institute-Wyoming, Director of Rehab, Cheyenne, WY

COMMITTEE RESPONSIBILITIES AT ANGELO STATE UNIVERSITY (2007-):

2010- Athletic Council, Department of Athletics

- 2007 - Council of Department Heads, College of Nursing and Allied Health Sciences
- 2007 - Curricula and Courses Committee, College of Nursing and Allied Health Sciences
- 2007 - Curricula and Courses Committee, University
- 2007- 09 Institutional Review Board, Angelo State University

COMMITTEE RESPONSIBILITIES AT THE UNIVERSITY OF CONNECTICUT (1997-07):

- 2004-07 Institutional Review Board, University of Connecticut
- 1997-06 Curricula and Courses Committee, School of Allied Health-Member
- 1997-06 Executive Council, School of Allied Health-Member
- 1997-05 Graduate Program of Allied Health Committee, School of Allied Health-Member
- 1999-02 Honor’s Board of Advisors, University of Connecticut
- 1999-02 Executive Council, Graduate School
- 2000-01 Search Committee, Vice Provost – Research and Dean – Graduate School
- 2000-01 Search Committee, Director of Admissions for Undergraduate

MASTERS THESES AND DOCTORAL DISSERTATIONS-CHAIR @ TWU (1990-97) and the University of Connecticut (1997-present):

- 1999-07 DiPasquale, Chris Anterior cruciate ligament laxity and the menstrual cycle (PhD Dissertation–Department of Kinesiology – 8/07)
- 2000-06 Maeder, Jill O. McKenzie self management protocol for the treatment of cervical radicular symptoms (MS Thesis–8/06)
- 1999-03 Canavan, Paul K. A kinetic and kinematic analysis of college aged female Basketball players during landing following a jump training program) (PhD Dissertation–Department of Kinesiology – 8/03)
- 1998-02 Shaw, Raymond A. Forward head posture and neck disability (M.S. Thesis-5/02)
- 1993-97 Mendoza, Elva J. Assessment of balance in children with postural instability (M.S. Thesis - 8/97)
- 1994-97 Duncan, Dawn L. Treatment of cervical neck patients (M.S. Thesis-8/97)

- 1993-97 Kohia, Mohamed M. Effect of mechanical unloading and knee angle on muscular activity in normals and patients with total knee placement (Ph.D. Dissertation-7/97)
- 1993-97 Rossi, Mark D. An examination of neuromuscular function and mobility in total knee arthroplasty patients (Ph.D. Dissertation- 7/97)
- 1994-97 Pineda, Enrique E. Quadriceps muscle activity and ground reaction forces during the sit-to-stand movement in normal nursing home residents (M.S. Thesis - 7/97)
- 1994-97 Kuck, Jennifer L. Aquatic therapy for patients with lumbar stenosis M.S. Thesis 5/97)
- 1990-96 Wise, David D. Effect of muscle imbalance on EMG behaviors of hip extensors and erector spinae muscles (Ph.D Dissertation- 12/96)
- 1992-96 McKenna, Raymond F. Investigation of muscle function during dynamic gripping activities (Ph.D Dissertation- 8/96)
- 1993-96 Fleming, Shirley A. Effect of work glove and type of muscle action on grip fatigue (M.S. Thesis - 5/96)
- 1991-95 Jansen, Caroline W. A study of immobilization and exercise for patients with lateral epicondylitis (Ph.D Dissertation- 8/95)
- 1992-95 Adams, Anthony M. Eccentric "mechanical" fatigue of the quadriceps muscle (M.S. Thesis - 5/95)
- 1988-92 Foley, John F. Control of posture in sitting: Reactions to lateral rotation (Ph.D Dissertation- 12/92)

MEMBERSHIP IN SCIENTIFIC SOCIETIES:

- 2007- Texas Chapter of the APTA
- 2007- Texas Chapter, American College of Sports Medicine
- 1995- Education Section of the APTA
- 1990- Research Section of the APTA
- 1988- American College of Rheumatology
- 1987- Orthopedic Section of the APTA
- 1987- Cardiopulmonary Section of the APTA
- 1984- American Physical Therapy Association

- 1982- American College of Sports Medicine
- 1997-07 Connecticut Chapter of the APTA
- 1987-97 Texas Chapter of the APTA
- 1985-97 Texas Chapter, American College of Sports Medicine
- 1990-93 Sigma Xi, The Scientific Research Society
- 1989-90 American Association on Aging
- 1986-89 American Association of Cardiopulmonary Rehabilitation

LICENSURE INFORMATION:

Physical Therapy Texas State License Number 1-5107-6

BIBLIOGRAPHY:

A. ARTICLES IN PEER-REVIEWED JOURNALS (59 total):

Ansari NN, Naghdi S, Mashayekhi M, Hasson S, Fakhari Z, Jalaie S Intra-rater reliability of the Modified Modified Ashworth Scale (MMAS) in the assessment of upper limb spasticity. *NeuroRehabilitation* (In Press – 01/12).

Ansari NN, Fathali M, Naghdi S, Hasson S, Jalaie S, Rastak MS: A randomized, double blind clinical trial comparing the effects of continuous and pulsed ultrasound in patients with chronic rhinosinusitis. *Physiotherapy Theory and Practice* 28: 85-94, 2012.

Dean E, Al-Obaidi S, De Andrade AD, Gosselink R, Umerah G, Anthony J, Bruno S, Butcher S, Olsen MF, Frownfelter D, Gappmaier E, Gylfadottir S, Hasson S, Jones A, LaPier T, Lomi C, O'Donoghue G, Playford K, Ravinddraa S, Scherer S, Skinner M, Wong WP: The first physical therapy summit on global health: Implications and recommendations for the 21st century. *Physiotherapy Theory and Practice* 27: 531-547, 2011.

Ghotbi N, Ansari NN, Naghdi S, Hasson S: Measurement of lower limb spasticity: Intra-rater reliability of the Modified Modified Ashworth scale. *Journal of Rehabilitation Research and Development* 48: 83-88, 2011.

Ansari NN, Fathali M, Naghdi S, Hasson SM: Effect of pulsed ultrasound on chronic rhinosinusitis: A case report. *Physiotherapy Theory and Practice* 26: 558-563, 2010.

Naghdi S, Ansari NN, Mansouri K, Hasson S: A neurophysiological and clinical study of Brunnstrom recovery stages in the upper limb following stroke. *Brain Injury* 24: 1372-1378, 2010.

Ansari NN, Naghdi S, Hasson SM, Valizadeh L, Jalaie S: Validation of the Mini-Mental State Examination (MMSE) in a Persian population: A pilot study. *Applied Neuropsychology* 17: 190-195, 2010.

Gagne A, Hasson S: Lumbar extension exercises in conjunction with mechanical traction for the management of a patient with a lumbar herniated disc. *Physiotherapy Theory and Practice* 26: 256-266, 2010.

Ansari NN, Hasson SM, Naghdi S, Keyhani S, Jalaie S: Low back pain during pregnancy in Iranian women: Prevalence and risk factors. *Physiotherapy Theory and Practice* 26: 40-48, 2010.

Ansari NN, Naghdi S, Hasson SM, Fakhari Z, Keyhani S, Mashayekhi M, Herasi M: Assessing the reliability of the Modified Modified Ashworth Scale between two physiotherapists in adult patients with hemiplegia. *NeuroRehabilitation* 25: 235-240, 2009.

Ghotbi N, Ansari NN, Naghdi S, Hasson SM, Jamshidpour B, Amiri S: Inter-rater agreement of the Modified Modified Ashworth Scale in assessing lower limb muscle spasticity. *Brain Injury* 23: 815-819, 2009.

Ansari NN, Naghdi S, Hasson SM, Rastgoo M: Efficacy of therapeutic ultrasound and infrared in the management of muscle spasticity. *Brain Injury* 23: 632-638, 2009.

Ansari NN, Naghdi S, Hasson SM, Mousakhani A, Nouriyani A, Omidvar Z: Inter-rater reliability of the Modified Modified Ashworth Scale as a clinical tool in measurements of post-stroke elbow flexor spasticity. *NeuroRehabilitation* 24: 225-229, 2009.

Ansari NN, Naghdi S, Hasson SM, Azarsa M, Azarnia S: The Modified Tardieu Scale for the management of elbow flexor spasticity in adult patients with hemiplegia. *Brain Injury* 22: 1007-1012, 2008.

Vescovi J, Canavan P, Hasson S: Effects of a plyometric program on vertical landing force and jumping performance in college women. *Physical Therapy in Sport* 9: 185-192, 2008.

Buteau J, Eriksrud O, Hasson S: Rehabilitation of a glenohumeral dislocation utilizing the body blade. *Physiotherapy Theory and Practice* 23: 333-349, 2007.

Rossi M, Hasson S, Kohia M, Pineda E, Bryan W: Relationship of open and closed chain measures of strength with perceived abilities and mobility following unilateral total knee replacement. *J Geriatric Phys Ther* 30: 23-27, 2007.

Syme A, Blanchard B, Guidry M, Taylor A, Van Heest J, Hasson S, Thompson P, Pescatello L: Peak systolic blood pressure on a graded maximal exercise test and the blood pressure response to an acute bout of submaximal exercise. *Am J Cardiol* 98: 938-943, 2006.

- DeSantis L, Hasson S: Mobilization with movements in the treatment of a patient with supraspinatus tendonitis secondary to subacromial impingement: A case report. J Manual Manip Ther 14: 77-87, 2006.
- Metivier H, Hasson S: Use of the faces pain scale to assess pain of a pediatric patient with juvenile rheumatoid arthritis. Physiotherapy Theory and Practice 22: 91-96, 2006.
- Rossi M, Hasson S, Kohia M, Pineda E, Bryan W. Mobility and perceived function after total knee arthroplasty. J Arthroplasty 21: 6-12, 2006.
- Kuck J, Hasson S, Olson S: Effect of aquatic therapy and a spinal stabilization program on patients with spinal stenosis. J Aquatic Phys Ther 13: 11-20, 2005.
- Pescatello L, Delaney K, Brennan P, Marschke L, Coble D, Belyea M, Hasson S: Participation in an older adult Heart Health Program affects lifestyle behavior. Prevent Cardiol 8: 200-205, 2005.
- Bohannon R, Brennan P, Pescatello L, Hasson S, Murphy M, Marschke L: Relationships between perceived limitations in stair climbing and lower limb strength, body mass index, and self-reported stair climbing activity. Topics Geriatric Rehab 21: 350-355, 2005.
- Brennan P, Pescatello L, Bohannon R, Marschke L, Murphy M, Coble D, Hasson S: Time spent moving is related to systolic blood pressure among older women. Prevent Cardiol 8: 160-164, 2005.
- Bohannon R, Brennan P, Pescatello L, Marschke L, Hasson S, Murphy M: Using self-report and speed to screen for gait limitations. Phys Occup Ther Geriatric 23:1-8, 2005.
- Bohannon R, Brennan P, Pescatello L, Marschke L, Hasson S, Murphy M: Adiposity of elderly women and it's relationship with self-reported and observed physical function. J Geriatric Phys Ther 28: 11-14, 2005.
- Brennan P, Bohannon R, Pescatello L, Marschke L, Hasson S, Murphy M: Grip strength norms for elderly women. Percept Mot Skills 99: 899-902, 2004.
- Echeverry H, Hasson S: Impact of a cortisone injection on the efficacy of a non-operative treatment approach for anterior instability of the glenohumeral joint. Physiotherapy Theory and Practice 20: 255-266, 2004.
- Piccoli A, Hasson S: Conservative management of a large rotator cuff tear to increase functional abilities: A case report. Physiother Theor Pract 20: 201-208, 2004.
- Rossi M, Hasson S: Lower limb force production in individuals after unilateral total knee arthroplasty. Arch Phys Med Rehabil 85: 1279-1284, 2004.
- Lenkowitz S, Hasson S: Aquatic physical therapy in the treatment of a patient with simultaneous bilateral total knee arthroplasties: A case report. J Aquatic Phys Ther 11: 6-13, 2003.

Sabbahi M, Etnyre B, Al-Jawayed I, Hasson S, Jankovic J: Methods of H-reflex evaluation in the early stages of Parkinson's disease. J Clin Neurophysiol 19: 67-72, 2002.

Wells G, et al.: Philadelphia Panel evidence-based clinical practice guidelines on selected rehabilitation interventions: Overview and methodology. Phys Ther 81: 1629-1640, 2001.

Brosseau L, et al.: Philadelphia Panel evidence-based clinical practice guidelines on selected rehabilitation interventions for low back pain. Phys Ther 81: 1641-1674, 2001.

Brosseau L, et al.: Philadelphia Panel evidence-based clinical practice guidelines on selected rehabilitation interventions for knee pain. Phys Ther 81: 1675-1700, 2001.

Brosseau L, et al.: Philadelphia Panel evidence-based clinical practice guidelines on selected rehabilitation interventions for neck pain. Phys Ther 81: 1701-1717, 2001.

Brosseau L, et al.: Philadelphia Panel evidence-based clinical practice guidelines on selected rehabilitation interventions for shoulder pain. Phys Ther 81: 1719-1730, 2001.

Al-Jawayed I, Sabbahi M, Etnyre B, Hasson S: The H-reflex modulation in lying and semi-reclining (sitting) position. Clin Neurophys 110: 2044-2048, 1999.

Jansen C, Olson S, Hasson S: The effect of use of a wrist orthosis during functional activities on surface electromyography of the wrist extensors in normal subjects. J Hand Therapy 10: 283-289, 1997.

Fleming S, Jansen C, Hasson S: Effect of work glove and type of muscle action on grip fatigue. Ergonomics 40: 601-612, 1997.

Schieb D, Protas E, Hasson S: Implications of physical restraint and restraint reduction of older persons. Top Geriatr Rehabil 12: 70-83, 1996.

Hasson S, Daniels J, Divine J, Niebuhr B, Richmond S, Stein P, Williams J: Effect of ibuprofen use on muscle soreness, damage and performance: A preliminary investigation. Med Sci Sports Exer 25:9-17, 1993

Niebuhr B, Marion R, Hasson S: Electromyographic analysis of effort in grip strength assessment. Electromyogr Clin Neurophysiol 33: 149-156, 1993.

Barnes WS, Hasson SM: Twitch tension and mechanical delay latency in isolated skeletal muscle: Effects of subcontracture potassium depolarization. Muscle Nerve 15: 969-971, 1992.

Hasson S, Wible C, Reich M, Barnes W, Williams J: Dexamethasone iontophoresis: Effect on delayed muscle soreness and muscle function. Can J Sports Sci 17: 8-13, 1992.

Pandya A, Maida J, Aldrige A, Hasson S, Woolford B: Development of an empirically based dynamic biomechanical strength model. Space Oper Appl Res 2: 438-444, 1991.

Hasson S, Henderson G, Daniels J, Schieb D: Exercise training and dexamethasone iontophoresis in Rheumatoid Arthritis: A case study. Physiotherapy Canada 43: 11-14, 1991.

Hasson S, Mundorf R, Barnes W, Williams J, Fujii M: Effect of pulsed ultrasound versus placebo on muscle soreness perception and muscular performance. Scand J Rehab Med 22: 199-205, 1990.

Hasson S, Barnes W: Effect of carbohydrate ingestion on exercise of varying intensity and duration: Practical implications. Sports Med 8: 327-334, 1989.

Hasson S, Barnes W, Hunter M, Williams J: Therapeutic effect of high speed voluntary muscle contractions on muscle soreness and muscle performance. J Ortho Sports Phys Ther 10: 499-507, 1989.

Crouse S, Sterling J, Tolson L, Hasson S: The effect of Beta-Adrenergic blockade on heart rate recovery from exercise. Cardiopulm Rehab Exer 9: 202-206, 1989.

Hasson S, Williams J, Signorele J: Fatigue induced changes in myoelectric signal characteristics and perceived exertion. Can J Sports Sci 14: 99-102, 1989.

Hasson S, Williams J, Henrich T, Gadberry W: Viewing low and high wave length light: Effect on EMG activity and force production during maximal voluntary handgrip contraction. Physiotherapy Canada 41: 32-35, 1989.

Hasson S, English S, Daniels J, Reich M: Effect of iontophoretically delivered dexamethasone on muscle performance in a rheumatoid arthritic joint: A Case Study. Arthr Care Res 1: 177-182, 1988.

Hasson S, Barnes W: Blood glucose levels during rest and exercise: Influence of fructose and glucose ingestion. J Sports Med Phys Fit 27: 326-334, 1987.

Barnes W, Hasson S, Gadberry W, Henrich T, Fan C: Absolute and relative leg power in males and females. Perc Motor Skills Psych Reports 63: 1309-1310, 1986.

Barnes W, Hasson S: Respiratory capacity of developing chick red and white skeletal muscle. Compar Biochem Physiol 75A: 491-496, 1983.

Green W, Hasson S, Mohammed S, Phillips C, Richards P, Smith M, White A: Effect of viewing selected colors on the performance of gross and fine motor tasks. Percept Mot Skills 54: 778, 1982.

B. EDITORIALS:

Hasson S: Editorial - Special issue "Scoliosis and evidence based practice". Physiother Theory Pract 27: 1, 2011.

Hasson S: Editorial - Special issue "Physical Therapy Practice in the 21st Century: A new evidens-informed paradigm and implications". Physiother Theory Pract 25: 327, 2009.

Hasson S: News for Physiotherapy Theory and Practice: Update on the Journal: Trends over the past 5 years (2002 for 2007). Physiother Theory Pract 23: 301-302, 2007.

Hasson S: News for Physiotherapy Theory and Practice: Updates for 2006! Physiother Theory Pract 22: 1, 2006.

Hasson S: Doctorate in Physical Therapy (DPT): What is the DPT and why is it becoming the entry-level degree in the United States? Physiother Theory Pract 19: 1-3, 2004.

Hasson S, Sekerak D, Simmonds M: Continued evolution of *Physiotherapy Theory and Practice*: Greetings and goodbyes. Physiother Theory Pract 19: 121-122, 2003.

Hasson S: Update on the journal: Trends over the past decade. Physiother Theory Pract 18: 1-2, 2002.

Hasson S: Development of evidence-based clinical practice guidelines: The results of the Philadelphia Panel. Physiother Theory Pract 17: 212-213, 2001.

Hasson S: The continuing need for clinical research. Physiother Theory Pract 16: 177-178, 2000.

Hasson S: We've moved!! Physiother Theory Pract 16: 117-118, 2000.

Hasson S: Historical meetings for editors: Continuing evolution of the journal into the new millenium. Physiother Theory Pract 15: 145, 1999.

Hasson S: A new agenda and a new format for the new millenium. Physiother Theory Pract 15: 1-2, 1999.

Baddeley H, Hasson S, Simmonds M: Reflections on transition. Physiother Theory Pract 14: 185-187, 1998.

Baddeley H, Hasson S: Physiotherapy theory and practice. Physiother Theory Pract 13: 241, 1997.

Hasson S: Making a case for single case research. J Ortho Sports Phys Ther 24: 1-3, 1996.

Baddeley H, Hasson S: A new deputy editor. Physiother Theory Pract 11: 1-2, 1995.

C. TEXTBOOKS:

1993 Hasson SM: Clinical Exercise Physiology (Editor), Mosby, St. Louis, ISBN 0-8151-4210-2

D. CHAPTERS:

Bland J, Hasson S, Melvin J: Osteoarthritis. In: Rheumatologic Rehabilitation. Volume 2 - Adult Rheumatic Diseases (Melvin J, Ferrell K (eds), AOTA Press, Bethesda MD, pp. 81-119, 2000.

Hannon W, Hasson S: Cardiopulmonary pathophysiology. In: Principles and Practice of Cardiopulmonary Physical Therapy (3rd Edition) Frownfelter, Dean E (eds), Mosby, pp. 71-97, 1996.

Hasson SM: Physiotherapy in Sports Medicine. In: Current Therapy in Sports Medicine (3rd Edition), Torg J and Shephard R (eds), Mosby 705-708, 1994.

Hasson SM: Metabolic responses during exercise and normal effects of training. In: Clinical Exercise Physiology, Hasson S (ed), Mosby, 29-43, 1993.

Hasson SM: Exercise tolerance and training for patients with genetic metabolic disorders, diabetes and obesity. In: Clinical Exercise Physiology, Hasson S (ed), Mosby, 44-61, 1993.

Hasson SM: Progressive and degenerative neuromuscular diseases and severe muscular atrophy. In: Clinical Exercise Physiology, Hasson S (ed), Mosby, 178-198, 1993.

E. GOVERNMENT AND INDUSTRY TECHNICAL REPORTS:

Pandya A, Hasson S, Aldrige A, Maida J, Woolford B: Correlation and prediction of dynamic human isolated joint strength from lean body mass. NASA Technical Paper 3207, 1992.

Pandya A, Maida J, Aldrige A, Hasson S, Woolford B: The validation of a human force model to predict dynamic forces resulting from multi-joint motions. NASA Technical Paper 3206, 1992.

F. ARTICLES IN REVIEW:

Ansari NN, Naghdi S, Forogh B, Hasson S, Atashband M, Lashgari E Development of the Persian Version of the Modified Modified Ashworth Scale: Translation, adaptation, and examination of interrater and intrarater reliability in patients with post-stroke elbow flexor spasticity. *Disability and Rehabilitation* (In Review)

Ansari NN, Naghdi S, Hasson S, Rastgoo M, Amini M, Forogh B Clinical assessment of ankle plantarflexor spasticity in adult patients after stroke: Inter-and intrarater reliability of the Modified Tardieu Scale. *Disability and Rehabilitation* (In Review)

Ko M, Hilgenberg S, Hasson S Repeated bilateral step-up and down training and its effect on improving functional mobility in a person with hemiparesis: A case report. *Physiotherapy International Research* (In Review)

Braden HJ, Hilgenberg S, Bohannon RW, Ko M, Hasson SM Gait speed in acute care. *Journal of Geriatric Physical Therapy* (In Review)

G. ARTICLES IN PREPARATION:

DiPasquale C, Hasson S, Trojian T: Association of estradiol and progesterone with hamstring muscle strength – Potential anterior cruciate ligament injury factor.

Canavan P, Hasson S, Tiberio D, Anderson J, Maresh C: A kinematic and kinetic analysis of college aged female basketball players during landing following a jump training program.

Canavan P, Hasson S, Tiberio D, Anderson J, Maresh C: Kinematic and kinetic analysis of unilateral and bilateral leg landing in college aged female basketball players.

Kohia M, Hasson S, Rossi M, Bryan W, Etnyre B, Olson S, Pineda E: Effect of mechanical unloading on muscular activity in total knee arthroplasty patients.

Rossi M, Hasson S, Kohia M, Bryan W, Etnyre B, Olson S, Pineda E: Effect of total knee arthroplasty on quadriceps strength, EMG activity and neuromuscular efficiency.

Rossi M, Hasson S, Kohia M, Pineda E, Bryan W: An evaluation of strength and self-reported function after total knee arthroplasty.

Jansen C, Hasson S, Watson M, Bennett J: A clinical trial of low load exercises and wrist immobilization for patients with lateral epicondylitis. J Hand Ther

NATIONAL AND INTERNATIONAL PRESENTATIONS:

REFEREED ABSTRACTS (includes site and mode of presentation for the past 12-years 2000-2012) [From 1982-1999 had over 150 National Presentations at ACSM, APTA, FASEB and ACR meetings]:

2012 Ansari NN, Naghdi S, Hasson S, Rastgoo M, Amini M, Forogh B Inter-and intrarater reliability of the Modified Tardieu Scale in the assessment of ankle plantarflexor spasticity. (Ninth World Congress on Brain Injury, Edinburgh, Scotland).

2011 Ansari NN, Fathali M, Naghdi S, Hasson S, Jalaie S, Rastak MS: A study to compare the effects of continuous and pulsed ultrasound on chronic rhinosinusitis. (World Congress of Physiotherapy, Amsterdam, Netherlands).

2008 Ansari NN, Naghdi S, Hasson SM, Mousakhani A, Nouriyani A, Omidvar Z. Inter-rater reliability of the Modified Modified Ashworth Scale as a clinical tool in measurements of post-stroke elbow flexor spasticity. (Seventh World Congress on Brain Injury, Lisbon, Portugal).

2006 Rossi M, Hasson S, Kohia M. The relationship between mobility and perceived abilities and two different modes of lower extremity strength assessment following primary unilateral knee replacement. (Annual Meeting APTA, Orlando, FL [Poster]).

2005 Rossi M, Hasson S, Kohia M. The relationship between mobility and perceived abilities in individuals post-total knee arthroplasty (TKA). (Annual Meeting APTA, Boston, MA [Poster]).

2005 Canavan P, Hasson S, Tiberio D, Anderson J, Vescovi J, Maresh C. Kinematic and kinetic analysis of unilateral and bilateral leg landing in 2 different arm positions with college aged female basketball players. JOSPT 35: A 56 (Annual Meeting CSM-APTA (Orthopaedic Section), New Orleans, LA [Poster]).

- 2005 Kohia M, Rossi M, Hasson S, El-Azzazi A. Intra-tester reliability of ground reaction force and level of assistance during a one-legged sit-to-stand in individuals with total knee arthroplasty. JOSPT 35: A 54-55 (Annual Meeting CSM-APTA (Orthopaedic Section), New Orleans, LA [Poster]).
- 2004 Rossi M, Hasson S, Kohia M. Electromyography of the vastus medialis and lateralis during full weight-bearing and two conditions of body support in individuals post-TKA. (Annual Meeting APTA, Chicago, IL [Platform]).
- 2004 Rossi M, Hasson S, Kohia M. Isometric strength and electromyographic (EMG) activity of the quadriceps in individuals with Total Knee Arthroplasty (TKA). (Annual Meeting CSM-APTA (Orthopaedic Section), Nashville, TN [Platform]).
- 2004 Kohia M, Hasson S, Rossi M. Effect of resistance placement and knee joint angle on isometric torque production and electromyographic activity of the quadriceps. (Annual Meeting CSM-APTA (Orthopaedic Section), Nashville, TN [Poster]).
- 2003 Johnson A, Blanchard B, Guidry M, Wark A, Van Heest J, Hasson S, Thompson P, Pescatello L. Peak double product identifies post-exercise hypotension responders. Med Sci Sports Exerc 35: S174 (Annual Meeting ACSM, San Francisco, CA [Poster]).
- 2002 Brennan P, Pescatello L, Coughlan L, Coble D, Murphy M, Belyea M, Bohannon R, Hasson S. Physical activity benefits cardiometabolic health and physical function among older adults. Med Sci Sports Exerc 34: S18 (Annual Meeting ACSM, St. Louis, MO [Poster]).
- 2000 Rossi M, Hasson S, Kohia M, Bryan W, Etnyre B, Olson S. A comparison of electromyographic activity and ground reaction force (GRF) during a one-legged sit-to-stand (OLSS) between individuals with total knee arthroplasty (TKA) and controls. Phys Ther 80: S 60-61 (Annual Meeting APTA, Indianapolis, IN [Platform]).
- 2000 Rossi M, Hasson S, Kohia M, Bryan W, Etnyre B, Olson S. Neuromuscular function of the quadriceps after total knee arthroplasty (TKA). Phys Ther 80: S 24 (Annual Meeting APTA, Indianapolis, IN [Poster]).

INVITED WORKSHOPS/SYMPOSIA

- 2007 Moore A, Herbert R, Hasson S: Writing for Publication. (World Congress for Physiotherapy, Vancouver, BC Canada)
- 2005 Graham C, Sellheim D, Reynolds P, Hayward L, Hasson S, Mostrom E: Building a Scholarly Agenda: Qualitative Dissertation to Academic Career. (Annual Meeting CSM-APTA (Education Section), New Orleans, LA)

HONORS:

- 2011 China Olympic Committee – Elected Member of the Sport Training and

- Rehabilitation Committee (for 2012 London Olympic Games)
- 2010 Outstanding Physical Therapy Researcher Award – Texas Physical Therapy Association
- 2007 Worthingham Fellow, American Physical Therapy Association
- 2004 Dean’s Leadership Award, School of Allied Health, University of Connecticut
- 2003 Golden Apple Award – Outstanding Mentoring, Teaching and Advising, School of Allied Health, University of Connecticut
- 2001 Dean’s Leadership Award, School of Allied Health, University of Connecticut
- 2000 Golden Apple Award – Outstanding Mentoring, Teaching and Advising, School of Allied Health, University of Connecticut
- 2000 University of Connecticut Endowed Chair – Livieri Endowed Chair in Physical Therapy
- 1997 Texas Woman’s University - recognized in a special University ceremony for “Outstanding scholarly contributions to the Research Enterprise and collegiality and mentorship to the TWU faculty and students”
- 1994 Mary Mason Lyon Award-Outstanding Faculty of the Year, TWU
- 1990 Outstanding Research Award, TPTA Annual Meeting, San Antonio, TX
- 1990 Fellow, American College of Sports Medicine
- 1990 Outstanding Teacher, Department of Physical Therapy, School of Allied Health Sciences, University of Texas Medical Branch
- 1989 NASA Summer Faculty Fellowship, JSC, Houston, TX
- 1989 Outstanding Researcher, School of Allied Health Sciences, University of Texas Medical Branch
- 1988 Outstanding Teacher, Department of Physical Therapy, School of Allied Health Sciences, University of Texas Medical Branch

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