

Marcia Smith, Ph.D.
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School of Physical Therapy
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Campus Phone Number

303-964-5306

Education:

Ph.D. University of Colorado, Boulder, CO, EPOBiology-Neurobiology, 1996

M.S. University of Southern California, Los Angeles, CA, Physical Therapy, 1977

B.S. University of Colorado, Boulder, CO, Physical Therapy, 1969

A.S. Mesa College, Grand Junction, CO, Pre-physical therapy, 1967

Licensure/Certifications

Clinical Specialization: Management of Neurological Disorder, University of Southern California, Los Angeles, CA, 1977

Licensed Physical Therapist, Colorado #603, 1969-present

Licensed Physical Therapist, New York #2971, 1969-1972

Employment & Positions Held:

Academic Experience

Professor, Regis University, School of Physical Therapy (April, 2008 - Present).

Associate Professor, Regis University, School of Physical Therapy (December, 2003 - March, 2008).

Adjunct Associate Professor, A.T. Still Arizona School of Health Sciences, Physical Therapy Program (2001 - April, 2004).

Associate Professor, University of Colorado Health Sciences Center (April, 1999 - December, 2003).

Assistant Professor, University of Colorado Health Sciences Center, Physical Therapy Program (1991 - 1999).

Instructor, University of Colorado Health Sciences Center, (July, 1978 - 1991).

Acting Director, University of Colorado Health Sciences Center, Physical Therapy Program (1987 - 1988).

Clinical Lab Instructor, Cerritos College-Prosthetics Program (1975 - 1976).

Non-Academic Experience:

National

Physical Therapist, Total Longterm Care/Program of All-inclusive Care for the Elderly (2006 - 2007).

Consultant Physical Therapist, University Hospital Multiple Sclerosis Clinic (September, 1996 - June, 2000).

Consultant Physical Therapist, Rocky Mountain Neuromuscular Disease Clinic (1980 - 1993).

Physical Therapist, Craig Rehabilitation Hospital, Englewood, CO (1977 - 1978).

Physical Therapist Fellow, Rancho Los Amigos Rehabilitation Hospital, Downey, CA (1976 - 1977).

Physical Therapist, Denver General Hospital (1972 - 1975).

Physical Therapist, Mile High Therapy Centers (1972 - 1972).

Acting Chief Physical Therapist, The Special Children's Center, Ithaca, NY (1971 - 1972).

Physical Therapist, Tompkins County Hospital & Rehabilitation Center, Ithaca, NY (1969 - 1972).

Intellectual Contributions:

Peer Reviewed Publications:

Page II, R. L., Smith, M. B. , & Scherer, S. (2006). Evaluation of physical therapists' knowledge, attitudes, and professional use of dietary supplements: Implications for practice and education. *Journal of Allied Health, 35 (4)*, 298E-315E.

MacDonald, C. W., Whitman, J., Cleland, J. A. , Smith, M. B. , & Hoeksma, H. L. (2006). Clinical outcomes following manual physical therapy and exercise for hip osteoarthritis: a case series. *Journal of Orthopedic and Sports Physical Therapy, 36 (8)*, 588-599.

Leslie, K. K., Dipasquale-Lehnerz, P., & Smith, M. B. (2005). Obstetric forceps training using visual feedback and the isometric strength testing unit. *Obstetrics and Gynecology, 105*, 1-8.

Page II, R. L., Scherer, S. A. , & Smith, M. B. (2005). Physical therapists' knowledge, attitudes and professional use of nonprescription analgesics. *American Journal of Health-System Pharmacy, 35 (4)*, 1440-1441.

Scherer, S. A. & Smith, M. B. (2002). Teaching evidence-based practice in academic and clinical settings. *Journal of cardiopulmonary physical therapy, 13 (2)*, 23-27.

Smith, M. B., Osborne, J., Long-Crawford, B., & Sandalici, D. (1998). Reliability of Cranio-Vertebral Relationships in Normal Head Posture Using Modified Lateral Cephalometrics. *Journal of Manual & Manipulative Therapy, 6 (4)*, 186-190.

Smith, M. B., Scherer, S., Jones, L., & Rodriguez, J. (1996). ICU Simulation of the Neurologic Patient. *Journal of Neurological Physical Therapy, 20 (1)*, 47-50.

Smith, M. B., Brar, S. P. , & Nelson, L. M. (1992). Quantitative Effect of Baclofen on Strength in Multiple Sclerosis. *Archives of Physical Medicine and Rehabilitation, 73*, 237-249.

Brar, S. P., Smith, M. B. , & Nelson, L. M. (1991). Quantitative Effect of Baclofen on Spasticity in Multiple Sclerosis. *Archives of Physical Medicine and Rehabilitation, 72*, 186-189.

Nelson, H. E., Smith, M. B. , Bowman, B. R. , & Waters, R. L. (1980). Electrode Effectiveness During Transcutaneous Motor Stimulation. *Archives of Physical Medicine and Rehabilitation, 61 (2)*, 73-77.

Peer Reviewed Scientific & Professional Presentations:

International

Footer, C., Hoffman, L., Smith, M., Winkler, P. (2011, June). *Teaching Decision Making: A Module for Curriculum Development for the Examination and Evaluation for Clients with Neuromuscular Conditions*. World Confederation of Physiotherapists, Amsterdam, Netherlands.

Footer, C., Hoffman, L., Smith, M., Winkler, P. (2011, June). *Clinical Decision Making: A Module for Curriculum Development for the Selection and Progression of Interventions for Clients with Neuromuscular Conditions* . World Confederation of Physiotherapists, Amsterdam, Netherlands.

Pinto, D., Smith, M., & MacDonald, C. (2008, April). *Effects of Manual Physical Therapy and Exercise in Mild Hallux Valgus*. New Zealand Society of Physiotherapists, Dunedin, New Zealand.

National

Footer, C., Smith, M. B. , & Winkler, P. (2010). *A Model to Facilitate Student Clinical Decision-Making for the Patient/Client With a Neuromuscular Condition*. American Physical Therapy Association, Combined Sections Meeting, San Diego, California.

Mulligan, N., Tschoepe, B., & Smith, M. B. (2010). *Physical Therapists as Primary Care Providers for Neuromuscular Disease: A Case Report*. American Physical Therapy Association, Combined Sections Meeting, San Diego, California.

Mulligan, N., Tschoepe, B., & Smith, M. B. (2010). *A Physical Therapist Model of Primary Care for Chronic Neuromuscular Disease: A Case Report*. American Physical Therapy Association, Combined Sections Meeting, San Diego, California.

Vendrely, A., Smith, M. B. , & MacDonald, C. (2009, February). *Outcomes following Early or Late Physical Therapy for Patients Recovering from Rotator Cuff Repair Surgery: A Pilot Study*. American Physical Therapy Association, Combined Sections Meeting, Las Vegas, Nevada.

Lindsay, W. & Smith, M. B. (2008, February). *Effect of manual physical therapy to the hip for patients classified into lumbar stabilization treatment*. American Physical Therapy Association, Combined Sections Meeting, Nashville, Tennessee.

Barnes, C. & Smith, M. B. (2007). *Effect of BATRAC on individuals with chronic hemiparesis*. American Physical Therapy Association, Annual Conference, Denver, Colorado.

- Whitman, J., Smith, M. B., Krum, L. L., Flynn, T., Scherer, S., J. Timothy Noteboom, (2007). *Assessing student performance in the clinic through analysis of practice projects*. American Physical Therapy Association, Annual Conference, Boston, Massachusetts.
- Byrne, C., Whitman, J., & Smith, M. (2006, June). *Outcomes Following Sensory Stimulation and Neurostimulation Medication for Patients with Traumatic Brain Injury-a Case Series*. American Physical Therapy Association, Annual Conference, Orlando, Florida.
- Frazier, S., Whitman, J., & Smith, M. (2006, June). *Utilization of Kinesiotape in Patients with Shoulder Pain or Dysfunction: A Case Series Poster Presentation*. American Physical Therapy Association, Annual Conference, Orlando, Florida.
- McCain, K., Whitman, J., & Smith, M. B. (2006, June). *Trunk Interventions for Gait Rehabilitation in Chronic Stroke Patients: A Case Series Platform Presentation*. American Physical Therapy Association, Annual Conference, Orlando, Florida.
- Scherer, S., Tschoepe, B., Gorman, I., & Christenson, M. (2006, February). *Effectiveness of Experiential Learning in Health Promotion for Physical Therapy Students*. American Physical Therapy Association, Combined Sections Meeting, San Diego, California.
- Smith, M., Christenson, M., Scherer, S., Gorman, I., & Tschoepe, B. (2006, February). *Effect of a supervised walking program to enhance physical activity in the elderly*. American Physical Therapy Association, Combined Sections Meeting, San Diego, California.
- Tschoepe, B., Scherer, S., Christenson, M., & Smith, M. (2006, February). *Effect of a supervised web supported walking program for a University workforce*. American Physical Therapy Association, Combined Sections Meeting, San Diego, California.
- Smith, M., Tschoepe, B., Christenson, M., Bechet, R., & Gocken, T. (2005, February). *Effect on Once a Week Resistance Training on Strength, Physical Frailty and Functional Performance*. American Physical Therapy Association, Combined Sections Meeting, New Orleans, Louisiana.
- Smith, M. B. & Scherer, S. (2004). *Physical Therapist's Knowledge, Practice and Attitudes toward Non-steroidal Anti-inflammatory Drugs (NSAIDs), and Nutritional Supplements*. American Physical Therapy Association, Combined Sections Meeting, Nashville, Tennessee.
- Smith, M. & Scherer, S. (2004, February). *Physical Therapist's Knowledge, Practice and Attitudes toward Nonsteroidal Anti-inflammatory Drugs (NSAIDs), and Nutritional Supplements*. American Physical Therapy Association, Combined Sections Meeting, Nashville, Tennessee.
- Smith, M. B. & Bekoff, A. (1998). *Joint Proprioceptive Modulation of the Scratching Motor Program in Chicks*. American Physical Therapy Association, Annual Conference, Orlando, Florida.
- Smith, M. B., Magness, M., Mitchell, K., & Rivoire, S. (1997). *Effect of Gastrocnemius Stretch Positions on the Subtalar Joint*. American Physical Therapy Association, Annual Conference, San Diego, California.
- Smith, M., Mitchell, K., Hedges, Z., Ballard, S., Rivoire, S., Karen Backstrom, (1997, June). *Gastrocnemius Stretch Positions on the Subtalar Joint*. American Physical Therapy Association, Annual Conference, San Diego, California.
- Osborne, J., MacConkey, D., & Smith, M. B. (1996). *Reliability of Craniovertebral Relationships in Habitual Head Posture*. American Physical Therapy Association, Annual Conference, Minneapolis, Minnesota.
- Smith, M., Osborne, J., Long, B., & Sandalcidi, D. (1996, June). *Reliability of Craniovertebral Relationships in Habitual Head Posture*. American Physical Therapy Association, Annual Conference, Minneapolis, Minnesota.
- Braden, R., Casey, K., Edler, L., Kahl, M., Reich, C., MB Smith, (1992). *Analysis of Gait in Patients with Intermittent Claudication Post-endurance and Strength Training*. American Physical Therapy Association, Annual Conference, Denver, Colorado.
- Brown, L. D., Foster, J. L., & Smith, M. B. (1992). *The Effect of Age on Speed of Community Ambulation*. American Physical Therapy Association, Annual Conference, Denver, Colorado.
- Smith, M. B. & Brar, S. P. (1992, June). *Reliability of the Cybex 'Pendulum Test' to Assess Spasticity in Multiple Sclerosis Before and During Antispasticity Medication*. American Physical Therapy Association, Annual Conference, Denver, Colorado.

- Council, C., Ottenbreit, D., & Smith, M. B. (1991). *The Effect of Heel Height on Lumbar Curvature and Pelvic Tilt*. American Physical Therapy Association, Annual Conference, Boston, Massachusetts.
- McMahan, S., Brandenburg, P., Boudreaux, J., & Smith, M. B. (1991). *Effect of Fluidotherapy and Exercise on Hand Volume*. American Physical Therapy Association, Annual Conference, Boston, Massachusetts.
- Smith, M. B. & Bekoff, A. (1991). *Joint Receptor Modulation of Head Scratching in Chicks*. APTA Annual Conference and Exposition, Boston, Massachusetts.
- Smith, M. B. & Bekoff, A. (1989). *Kinematics of Scratching in Chicks: Application to Human Movement Analysis*. APTA Annual Conference and Exposition, Nashville, Tennessee.
- Brar, S. P. & Smith, M. B. (1988). *Effect and Management of Multiple Sclerosis Spasticity: Physical versus Medical Intervention*. Congress of Physical Medicine and Rehabilitation, Seattle, Washington.
- Brar, S. P., Smith, M. B., & Nelson, L. M. (1988, April). *Effect of Baclofen and Exercise on Spasticity in Multiple Sclerosis*. American Academy of Neurology, Cincinnati, Ohio.
- Cobble, N. & Smith, M. B. (1988). *Mastering the Pitfalls and Challenges of Rehabilitation Research in Multiple Sclerosis*. Congress of Physical Medicine and Rehabilitation, Seattle, Washington.
- Saige, L. & Smith, M. B. (1985). *Electrical Stimulation in the Treatment of Cerebellar Dysfunction*. American Physical Therapy Association, Annual Conference, New Orleans, Louisiana.
- Nelson, H. E. & Smith, M. B. (1977). *Clinical Effectiveness of Selected Surface Electrodes*. Congress of Physical Medicine and Rehabilitation, Miami, Florida.

Non-Peer Reviewed Publications:

- Smith, M. B. (1999). Gateways to Federal and State Legislation and Regulation on the Internet. *PT!! Magazine of Physical Therapy*, 7, 74-77.
- Smith, M. B. (1998). Internet Basics: An Overview. *News-In-Brief, Colorado Chapter*.
- Smith, M. B. (1994). Why I'd Rather Sell Cinnabons. *Colorado Chapter APTA High Altitude News magazine*.
- Smith, M. B. (1993). Health Care Reform. *Colorado Chapter APTA High Altitude News magazine*.
- Smith, M. B. (1993). Concepts of Dynamical Systems Applied to Health Care. *Colorado Chapter APTA High Altitude News magazine*.
- Smith, M. B. (1993). The Dynamical Model of Strategic Planning. *Colorado Chapter APTA High Altitude News magazine*.
- Smith, M. B. (1992). Assessment and Evaluation. *Colorado Chapter APTA High Altitude News magazine*.
- Smith, M. B. (1991). Sunset Review and Influence. *Colorado Chapter APTA High Altitude News magazine*.
- Smith, M. B. (1991). Sunset Review and Being Right. *Colorado Chapter APTA High Altitude News magazine*.
- Smith, M. B. (1991). P-S-A: Problem-Solution-Action. *Colorado Chapter APTA High Altitude News magazine*.
- Smith, M. B. (1990). Becoming Involved. *Colorado Chapter APTA High Altitude News magazine*.

Non-Refereed Proceedings

Full Paper

- Johnston, R. M., Wooley, S., Smith, M. B., & Bekoff, A. (1991). Discriminating Among Rhythmical Behaviors in the Chick. *Society for Neuroscience*.
- Smith, M. B. & Bekoff, A. (1990). Proprioceptive Modulation of Head Scratching in Chicks. *Society for Neuroscience*.
- Smith, M. & Bekoff, A. (1988). EMG of Scratching in Chicks. *Society for Neuroscience*.
- Smith, M. & Bekoff, A. (1988). EMG of Scratching in Chicks. *Society for Neuroscience*.
- Smith, M. & Bekoff, A. (1987). Kinematics of Scratching in Chicks. *Society for Neuroscience*.
- Smith, M. & Bekoff, A. (1987). Kinematics of Scratching in Chicks. *Society for Neuroscience*.

Abstract Only

- Smith, M. B. & Bekoff, A. (1990). Proprioceptive Modulation of Head Scratching in Chicks. *Society for Neuroscience*.

Invited Articles/Reviews

Smith, M. B. (2001). Evidence-based PT databases: the next step. *Journal of cardiopulmonary physical therapy*, 12 (4), 142.

Book Chapters

Non-Refereed

Smith, M. B. (2009). "The Peripheral Nervous System", In Goodman, C and Fuller, K (Ed.) *Pathology: Implications for the Physical Therapist, 3rd ed.*, (pp. Chapter 39). Philadelphia, PA: Saunders.

Smith, M. B. (2003). "The Peripheral Nervous System", In Goodman, C; Boissonault, W and Fuller, K (Ed.) *Pathology: Implications for the Physical Therapist, 2nd ed.*, (pp. Chapter 28). Philadelphia, PA: Saunders.

Smith, M. B. (1998). "Peripheral Nerve and Neuromuscular Involvement", In Boissonault, W and Goodman, C (Ed.) *Essentials in Pathology for the Therapist*, (pp. Chapter 38). Philadelphia: WB Saunders.

Smith, M. B. (1984). "Physical Therapy and Management of Neuromuscular Disease", In Maloney, FP; Burks, JS, Ringel, SP. (Ed.) *Interdisciplinary Rehabilitation of Multiple Sclerosis and Neuromuscular Disorders.*. Philadelphia, PA: JB Lippincott.

Smith, M. B. & Wolfe, B. G. (1984). "Therapeutic Recreation", In Maloney FP, Burks JS, Ringel SP. (Ed.) *Interdisciplinary Rehabilitation of Multiple Sclerosis and Neuromuscular Disorders.*. Philadelphia, PA: JB Lippincott.

Presentation of Non-Refereed Papers

International

Johnston, R. M., Wooley, S., Smith, M. B. , & Bekoff, A. (1991). *Discriminating Among Rhythmical Behaviors in the Chick*. Society for Neuroscience, Washington, District of Columbia.

Smith, M. B. & Bekoff, A. (1990). *Proprioceptive Modulation of Head Scratching in Chicks*. Society for Neuroscience, St. Louis, Missouri.

Smith, M. & Bekoff, A. (1988). *EMG of Scratching in Chicks*. Society for Neuroscience, Toronto, Canada.

Smith, M. & Bekoff, A. (1987). *Kinematics of Scratching in Chicks*. Society for Neuroscience, New Orleans, Louisiana.

Local

Smith, M. (2004, October). *Distance Learning*. Colorado Clinical Educator's Forum, Denver, Colorado.

Smith, M. B. (2004, June). *Student Documentation: SOAP to Guide*. Regis University Affiliate Faculty, Denver, Colorado.

Smith, M. B. (2002, September). *Evidence Based Practice*. Colorado Clinical Educator's Forum, Denver, Colorado.

Smith, M. B. (2000, May). *Development of a Research Proposal: Multiple sclerosis, fatigue, and activity*. UCHSC Rehabilitation Medicine Research group, Denver, Colorado.

Smith, M. (1996, November). *Rehabilitation Following Spinal Cord Injury*. Rocky Mountain Legal Administrators, Denver, Colorado.

Smith, M. (1994). *Motor Control and Motor Learning Workshop*. Colorado Chapter APTA-Northeast District, Fort Collins, Colorado.

Smith, M. (1986). *Neuroanatomy and Neurophysiology Review with Applications to Physical Therapy*. Spalding Rehabilitation Hospital, Denver, Colorado.

Smith, M. (1983). *Pathophysiology of Tone*. Hilltop Rehabilitation Hospital, Grand Junction, Colorado.

Smith, M. & Mathewson, R. (1978). *Pain Control Mechanisms: the Possible 'how' of Mobilization Techniques*. Workshop on Mobilization, Boulder, Colorado.

National

Smith, M.B. & Winkler, P. (2011, September). *Best Practices in Stroke Rehabilitation: Evidence for Interventions for the Arm and Leg*. National Stroke Association, Webinar.

Smith, M.B. & Winkler, P. (2011, September). *Best Practices in Stroke Rehabilitation: Overview of Stroke, It's Impact on Patients and Gait Training*. National Stroke Association, Webinar.

Smith, M.B. (2011, June). *Balance in the Elderly. What's the Evidence?* American Physical Therapy Association. National Harbor, MD.

Smith, M. B. (2005, October). *Aging With a Chronic Neurological Disability*. American Physical Therapy Association National Student Conclave, Denver, Colorado.

Smith, M. (2000, June). *Obtaining Vision*. Hawaii Chapter APTA- Board of Directors, Honolulu, Hawaii.

Smith, M. (1998, April). *Your Participation in APTA Governance Process*. APTA Component Leadership Seminar, Alexandria, Virginia.

Regional

Noteboom, J. T., Whitman, J. M. , & Smith, M. B. (2005, November). *Outcomes Matter: Analysis of Practice*. Colorado Chapter APTA Fall Symposium, Denver, Colorado.

Smith, M. B. (2001, April). *Aging Brain*. Colorado Chapter American Physical Therapy Annual Spring Conference, Denver, Colorado.

Smith, M. (1988). *Neuroanatomy and Neurophysiology Review & Update*. Bobath's Approach to the Stroke Patient, Denver, Colorado.

Smith, M. (1982). *Physical Therapy Management of the Stroke Patient*. Interdisciplinary Approach to the Stroke Patient, Denver, Colorado.

State

Smith, M. & Winkler, P. (2009). *Stroke Update for Clinicians*. Colorado Stroke Association, Denver, Colorado.

Smith, M. & Winkler, P. (2009). *Stroke Interventions-the Evidence*. Colorado Stroke Association, Denver, Colorado.

Smith, M. (2000, May). *A Vision for Us*. APTA/New Mexico Annual Conference, Albuquerque, New Mexico.

Smith, M. B. (1998, April). *So You Bought a Computer - Now What?* APTA/Colorado Chapter Spring Conference, Denver, Colorado.

Smith, M. (1993). *Don't be afraid of alpha and p: An introduction to statistics*. Colorado Chapter APTA Fall Symposium, Denver, Colorado.

Smith, M. (1986). *The role of exercise in muscle disease*. Rocky Mounting Muscular Dystrophy Association, Denver, Colorado.

Smith, M. (1981). *Exercise and Activities for MD*. Rocky Mounting Muscular Dystrophy Association, Colorado Springs, Colorado.

Dissertation

Thesis

Electrode Effectiveness of Selected Surface Electrodes for Neuromuscular Electrical Stimulation (NMES)

Dissertation

Joint Proprioceptive Modulation of the Scratching Motor Program in Chicks

Research Reports

Smith, M. B., Colorado Department of Regulatory Agencies-Colorado Physical Therapists: 1998-2000.

Intellectual Contributions-Other

Contribution to Practice

1995 - Special Projects or Assignments. Smith MB. Examination of an Individual Post-Stroke. Videotape. 1995.

1988 - Other Publications. Smith MB, reviewer. Phys Ther. 1988; 68: 1033. Review of: Berridge ME, Ward GP, eds. International Perspectives on Adapted Physical Activity. Champaign, IL. Human Kinetics. 1987.

1987 - Other Publications. Smith MB, reviewer. Phys Ther. 1987; 67: 1268. Review of: Jenkins SC, Soutar SA. A Survey into the Use of Incentive Spirometry Following Coronary Artery Bypass Surgery. Physiotherapy. 1986; 72: 492-493

1985 - Other Publications. Smith MB, reviewer. Phys Ther. 1985; 66: 1802. Review of: Martin AH. Introduction to Human Anatomy. New York, NY. Thieme-Stratton Inc. 1985.

1985 - Other Publications. Smith MB, reviewer. Phys Ther. 1985; 65: 414. Review of: Kielhofer G, ed. Health Through Occupation: Theory and Practice in Occupational Therapy. Philadelphia, PA: FA Davis. 1983.

1984 - Other Publications. Smith MB, reviewer. Phys Ther. 1984; 64: 597. Review of: Kametz HL. Dictionary of Rehabilitation Medicine. New York, NY. Springer Publishing Co. 1982

1983 - Other Publications. Smith MB, reviewer. Phys Ther. 1983; 63: 116. Review of: Washburn KB. Physical Medicine and Rehabilitation: Essentials of Primary Care. ed. 2. Garden City, NY: Medical Examination Publishing Co. 1981.

1983 - Other Publications. Smith MB, reviewer. Phys Ther. 1983; 63: 2048. Review of: Oh SJ, Danon MJ. Nonprogressive congenital neuromuscular disease with uniform type 1 fiber. Arch Neurol. 1983; 40:147-150.

1983 - Other Publications. Smith MB, reviewer. Phys Ther. 1983; 63: 1850. Review of: Jabre JF, Bryan RW. Bent-knee pulling in the diagnosis of upper lumbar root lesions. Arch Neurol. 1982; 39:669-670.

1983 - Other Publications. Smith MB, reviewer. Phys Ther. 1983; 63: 2051. Review of: Phillips KR, Potvin AR, Sydulko K, Cohen SN et al. Multimodality evoked potentials and neurophysiological tests in multiple sclerosis. Effects of hyperthermia on test results. Arch Neurol. 1983; 40:159-164.

1982 - Other Publications. Smith MB, reviewer. Phys Ther. 1982; 63: 1854. Review of: Green JB, Walcoff MR. Evoked potentials in multiple sclerosis. Arch Neurol. 1982; 39:696-697.

1982 - Other Publications. Smith MB, reviewer. Phys Ther. 1982; 62: 220. Review of: Allsop KG, Ziter FA. Loss of Strength and Functional Decline in Duchenne Dystrophy. Arch Neurol. 1981; 38: 406-411.

1982 - Other Publications. Smith MB, reviewer. Phys Ther. 1982; 62: 98. Review of: Fabricant RN, Todaro GJ. Increased serum levels of nerve growth factor in von Recklinghausen's disease. Arch Neurol. 1981; 38:401-405.

1981 - Other Publications. Smith MB, reviewer. Phys Ther. 1981; 61: 950. Review of: Nichols PJR. Rehabilitation Medicine: The Management of Physical Disabilities. ed 2. London Butterworth Publishers Ltd, London; 1981.

1981 - Other Publications. Smith MB, reviewer. Phys Ther. 1981; 61: 950. Review of: Nichols PJR. Rehabilitation Medicine: The Management of Physical Disabilities. ed 2. London Butterworth Publishers Ltd, London; 1981.

1981 - Other Publications. Smith MB, reviewer. Phys Ther. 1981; 61: 1208. Review of: Montgomery RL. Basic Anatomy for the Allied Health Professions. Baltimore, MD. Urban and Schwarzenberg, Inc. 1980.

1981 - Other Publications. Smith MB, reviewer. Phys Ther. 1981; 61: 1205. Review of: Livingstone IR, Mastaglia FL, Edis R, Howe JW. Visual involvement in Friedreich's ataxia and hereditary spastic ataxia. A clinical and visual evoked response study. Arch Neurol. 1981; 38:75-79.

1981 - Other Publications. Smith MB, reviewer. Phys Ther. 1981; 61: 587. Review of: Rowe MJ, Carlson C. Brainstem auditory evoked potentials in postconcussion dizziness. Arch Neurol. 1980; 37:679-683.

1981 - Other Publications. Smith MB, reviewer. Phys Ther. 1981; 61: 939. Review of: Griggs RC, Donohoe KM, Utell MJ et al. Evaluation of pulmonary function in neuromuscular disease. Arch Neurol. 1981; 38:9-12.

1977 - Special Projects or Assignments. Smith MB, Harder P, Perlman ED. Not Made of Stone. Sound/slide production. 1977.

Funded/In Review Grant Activity:

Funded

2010 - Hammerich, A. S., Anemaet, W., Smith, M.B., & Tschoepe, B., Development of a Fall Risk Index for Community Dwelling Older Adults using OASIS-C Data (\$4,000), Regis University-SPARC.

2006 - Smith, M. B., Anderson, J., Claude, J., Dery, S., Fritzsche, A., H Morgenroth, A Potter, G Sewczak,, Comparison of Individuals Living Independently and in Assisted Living Facilities: Relationship to Stability and Mobility Measures, \$500, Regis University SPARC.

2006 - Scherer, S., Gorman, I., Smith, M.B., Christenson, M., & Tschoepe, B., Thriving Community Grant, Kaiser Permanente.

2005 - Scherer, S., Gorman, I., Smith, M.B., & Christenson, M., Thriving Community Grant, Kaiser Permanente.

2004 - Smith, M. B., Tschoepe, B.A., Christenson, M., Bechet, R., Gocken, T., L Hoel, H Miller, S Riker,, Effect of once a once a week resistance training on strength, frailty and function in the elderly, \$500, Regis University-SPARC.

2004 - Tschoepe, B., Christenson, M., Gorman, I., & Smith, M., Wellness in the Workplace, COPAN Task Force of Colorado Department of Public Health and Environment.

2004 - Scherer, S., Christenson, M., Gorman, I., Tschoepe, B., & Smith, M.B., Student Wellness, COPAN Task Force of Colorado Department of Public Health and Environment.

2004 - Smith, M. B., Christenson, M., Gorman, I., Tschoepe, B., & Scherer, S., Older Adult Wellness (\$1,000), COPAN Task Force of Colorado Department of Public Health and Environment.

2003 - Smith, M. B. & Scherer, S., Physical Therapist's Knowledge, Practice and Attitudes toward Non-steroidal Anti-inflammatory Drugs (NSAIDs), Analgesics, and Nutritional Supplements (\$300), Colorado Chapter APTA.

1990 - Smith, M. B., Joint Modulation of Scratching Pattern Generator (\$6,000), Foundation for Physical Therapy.

1985 - Smith, M. B. & Brar, S.P., Evaluation and Comparison of Antispasticity Medication and Stretching Exercises to Control Spasticity in Multiple Sclerosis (\$40,000), CIBA-Geigy.

Not Funded

2010 - Anemaet, W., Smith, M.B., Tschoepe, B.A., Hammerich, A., & Houser, J., Predicting risk to fall with the use of the Home Care Setting-OASIS Assessment Tool, GOV-National Institute on Aging (NIA).

2010 - Smith, M. B., Anemaet, W., Tschoepe, B., & Hammerich, A.S., Development of a weighted multi-factorial Fall Risk Index that can justify preventative physical therapy for Medicare beneficiaries, Section on Health Policy and Administration, APTA.

2008 - Scherer, S., Tschoepe, B., Anemaet, W., & Smith, M.B., PT role in health reduction and health promotion, Colorado Department of Health and Environment.

2008 - Scherer, S., Smith, M.B., & Gorman, I., Livewell Wheatridge Grant, Liveable Communities.

Training Grants:

Training

1990 - Smith, M. B., Joint Modulation of Scratching Pattern Generator (\$6,000), Foundation for Physical Therapy.

Research Activity:

Smith, M. B. & Bekoff, A. (2009). "Scratch Behavior in Chicks: A Kinematic and Electromyographic Analysis," 1st revise and resubmit to *Journal of Experimental Biology*.

Research Activities (in progress):

Mulligan, N., Tschoepe, B., & Smith, M. B. (2012). "The role of the physical therapist as a primary care provider of a patient with Charcot Marie Tooth Disease: A case report".

Smith, M. B., Tschoepe, B. A. , & Christenson, M. (2011). "The Effects of a One Time Per Week Resistance Exercise Program on Strength and Functional Ability in Older Adults" targeted for *Journal of Geriatric Physical Therapy*.

Adrian, C. & Smith, M. B. (2010). "The Unique Contributions of Physical Therapy in the Rehabilitation of a Working Dog: A Case Report".

King, M. & Smith, M. B. (2010). "Application of Motor Learning and Motor Control Principles in the Rehabilitation of Horse Gait".

Membership in Scientific/Professional Organizations:

American Physical Therapy Association. Section on Geriatrics, 2001-present, National

American Physical Therapy Association. Section on Health Policy and Administration, 1998-present, National
National Association of Parliamentarians, 1997-2006, State

American Physical Therapy Association. Section on Research, 1993-2007, National (Inactive)

Society for Neuroscience, 1987-1995, International

Rocky Mountain Regional Neuroscience Group, 1987-1990, Regional

American Physical Therapy Association. Section on Education, 1978-present, National

American Physical Therapy Association. Section on Neurology, 1977-present, National

American Physical Therapy Association. Section on Electrophysiology, 1973-1980, National
Colorado Chapter, American Physical Therapy Association, 1972-present, State
New York Chapter, American Physical Therapy Association, 1969-1972, State
American Physical Therapy Association, 1968-present, National

Consultative & Advisory Positions Held:

2002: Center for Gait and Movement Analysis, Consult with health care team for adult subjects with neurological disorders
2002-1998: Physical Therapist Assistant Education Consortium of Colorado, Member advisory board for Colorado PTA Programs
1997: Blue Cross/ Blue Shield of Colorado, Medicare Utilization Review, Medicare Utilization Review
1997-1996: Physical Therapist Assistant Education Consortium of Colorado, Member advisory board for Colorado PTA Programs
1989-1985: Blue Cross/ Blue Shield of Colorado, Medicare Utilization Review, Medicare Utilization Review
1982: Easter Seal of Colorado, Professional Advisory Board, Professional Advisory Board
1981: Easter Seal of Colorado, Professional Advisory Board

Community Service:

Member of a Committee

2000-2010: 40th Bomb Group Scholarship Committee

Other Community Service Activities

2007-2011: Salvation Army Food Bank
1989-2012: Channel 9 Health Fair

Speech / Presentation at a Community Meeting

2008: Update on Neuroscience, Movement Science and Interventions for Neurological Disorders, Invited presentations for Colorado Stroke Association and Colorado Neurologic Institute, Denver, CO.
1996: Interdisciplinary Task Force on Intractable Pain, Colorado House of Representatives Committee., Smith MB. Education of Health Care Providers Testimony. Invited speaker. Interdisciplinary Task Force on Intractable Pain, Colorado House Committee. Denver, CO. September 10, 1996.
1996: Good Shepherd Middle School: Neuroscience Week, Designed and taught 8th grade Neuroscience course for science teacher coordinator, Anne Stanford.
1995: Home Health Managers Group, Smith MB. PT Management of Parkinson's Disease. Invited speaker. Home Health Managers Group, Denver, CO. HealthOne. February 20, 1995.

Services to the University/college/school on Committies/councils/commissions:

Service to the University

Department Assignments

Chair:

2008-2009: DPT Enrollment Expansion Task Force
2007-present: Department of Professional Studies
2006-2007: Integrated Clinical Exam Committee
2005-2007: Outcomes Committee
2004-2005: Recruitment and Admissions Committee
2004-2005: Admissions Committee
2004-2006: Faculty Planning Committee

Member:

2007-present: Administrative Team
2007-2008 through 2008-2009: Work Flow Task Force
2007-2008 through 2008-2009: Faculty Planning
2006-2007: Faculty Planning Committee
2006-2007 through 2007-2008: Sponsored Projects Academic Research Council (SPARC)
2005-2006: Recruitment and Admissions Committee
2005-2006: Scholarship Committee
2005-2006: Professional Issues Task Force
2005-2006: Integrated Clinical Exam Task Force
2005-2006: Admissions Committee
2005-2006: Integrated Clinical Exam Committee
2005-2008: Sponsored Projects Academic Research Council (SPARC)
2005-2006 through 2006-2007: Sponsored Projects Academic Research Council (SPARC)
2004-2005: Outcomes Committee
2004-2006: Scholarship Committee
2003-2004: Recruitment and Admissions
2003-2004 through 2004-2005: Transition DPT Committee

Mentoring Activities:

2007-2008: ILAC-Dominican Republic Physical Therapy Clinical Education

College Assignments**Chair:**

2006-2007: Evaluation and Outcomes Committee
2005-2006: Regis College, Chemistry Department Search Committee
2004-2005 through 2005-2006: Rueckert-Hartman College of Health Professions

Member:

2011-2013: Committee on Rank
2009-2011: Chairs & Directors Council
2008-2011: Evaluation and Outcomes Committee (EOC)
2008-2011: Council for Research, Scholarship & Teaching Excellence
2005-2006: Academic Council
2004-2005: Evaluation and Outcomes Committee

University Assignments**Member:**

2008-2013: Institutional Review Board
2008-2012: Academic Affairs Committee, Regis University, Board of Trustees
2005-2008: Sponsored Projects Academic Research Council (SPARC)

Service to the Profession**Advisor**

2007-2011: Colorado Chapter APTA-Parliamentarian (State).

2000-2002: Colorado Chapter APTA-Parliamentarian (State).

Board of Directors: Substantial Involvement

2007-2009: Colorado Chapter APTA-Board of Directors (State).

1999-2001: American Physical Therapy Association - Director, Alexandria, Virginia (National).

1999-2001: American Physical Therapy Association - Board Liaison to Sections and Components, Alexandria, Virginia (National).

Chair: Committee / Task Force

2010: Colorado Chapter APTA-Sunset Review Committee Co-chair (State).

2009: American Physical Therapy Association - Reference Committee, Chaired Reference Committee: Organized all motions coming before 2009 House of Delegates, Alexandria, Virginia (National).

1999-2000: Colorado Chapter APTA - Sunset Review Committee (State).

1997: American Physical Therapy Association - Nominating Committee, Alexandria, Virginia (National).

1994: American Physical Therapy Association - Committee on Chapters, Alexandria, Virginia (National).

1989: American Physical Therapy Association - Western States Caucus (Regional).

Member: Committee/Task Force

2012: Colorado Chapter APTA- Acupuncture Task Force (State).

2011-2012: Colorado Chapter APTA- Sunset Implementation (State).

2003-2012: Colorado Chapter APTA- Governmental Affairs Committee, Denver, Colorado (State).

2008: American Physical Therapy Association - Reference Committee, Alexandria, Virginia (National).

2006-2007: American Physical Therapy-Reference Committee, Alexandria, Virginia (National).

2002: American Physical Therapy Association - Board Awards Review Committee, Alexandria, Virginia (National).

2001-2002: American Physical Therapy Association - Direct Access Task Force, Alexandria, Virginia (National).

2001-2002: American Physical Therapy Association - Transition DPT Oversight Committee, Alexandria, Virginia (National).

1995-1996: American Physical Therapy Association - Nominating Committee, Alexandria, Virginia (National).

1995: American Physical Therapy Association - Task Force on Environmental Statement (National).

1994: American Physical Therapy Association - CEO Selection Task Force, Alexandria, Virginia (National).

1993: American Physical Therapy Association - Council of Chapter Presidents (National).

1992-1993: American Physical Therapy Association - Committee on Chapters, Alexandria, Virginia (National).

1990-1994: American Physical Therapy Association - Council of Chapter Presidents, Alexandria, Virginia (National).

1990: Colorado Chapter APTA - Sunset Review Committee (State).

1990: American Physical Therapy Association - Council of Chapter Presidents, Alexandria, Virginia (National).

1981-1982: Colorado Chapter APTA - Delegate to House of Delegates (State).

Officer: Organization / Association

2007-2011: Colorado Chapter APTA-Mile High District. District Delegate(Local).

2005-2007: Colorado Chapter APTA-Mile High District. Chair (Local).

2003-2004: American Physical Therapy Association -VP Technology SIG (National).

1990-1994: Colorado Chapter APTA - President, Denver, Colorado (State).

1988-1990: Colorado Chapter APTA - Chief Delegate (National).

1983-1985: Colorado Chapter APTA - Chief Delegate to House of Delegates (State).

Other Professional Service Activities

2009-2011: Colorado Chapter APTA-Mile High District Delegate-House of Delegates (National).

Reviewer - Article / Manuscript

1997: Archives of Physical Medicine & Rehabilitation, Manuscript Reviewer. Archives of Physical Medicine & Rehabilitation. 1997, Denver, Colorado (National).

Reviewer - Book / Textbook

1998: Mosby-Year Book, Inc, Book reviewer. Mosby-Year Book, Inc, St. Louis, MO., Denver, Colorado (National).

Honors & Awards:

Award

2004: Best Research Poster: Health Policy and Administration Section APTA Combined Sections Meeting.

1992: Mary McMillan Scholarship Award American Physical Therapy Association.

Honor

2011: Bob Doctor Service Award, Sunset Task Force. Colorado Chapter APTA.

2011: 2011 State Legislative Leadership Award. American Physical Therapy Association. Alexandria VA.

2007: George J. Davies-James A. Gould Excellence in Clinical Inquiry Award Orthopaedic Section-APTA.

2006: Lucy Blair Service Award American Physical Therapy Association.

2002: Bob Doctor Service Award Colorado Chapter APTA.

1998: Alumni of the Year Award for Outstanding Service and Support University of Colorado Physical Therapy Alumni Association.

1990: Outstanding Physical Therapist for 1990 Colorado Chapter APTA.

1989: THEREX Award for Outstanding Clinical Research Colorado Chapter APTA.

1982: Recognition Award for Service Rocky Mountain Muscular Dystrophy Association.

Continuing Education Attended:

Research-Related Conference/Seminar

2011: Educational Leadership Conference- Academic Administrators, American Physical Therapy Association, Section on Education. Clearwater Beach, FL.

2011: American Physical Therapy Association, PT education, neurological management and policy issues. Annual Conference. National Harbor, MD

2011: American Physical Therapy Association, Combined Sections Meeting. PT education, management and policy issues. New Orleans, LA.

2010: Educational Leadership Conference- Academic Administrators, American Physical Therapy Association, Section on Education. San Antonio, TX.

2010: American Physical Therapy Association, Combined Sections Meeting. Various topics related to PT education, management and policy issues. San Diego, California.

2010: American Physical Therapy Association Annual Conference. June 15-19, 2010
Various sessions related to PT education, management and policy issues. Boston, Massachusetts.

2009: Colorado Chapter APTA Fall Symposium. November 13-14, 2009
Prevention: From Research to Practice, Anne Shumway-Cook. Colorado Springs, Colorado.

2009: Educational Leadership Conference- Academic Administrators, American Physical Therapy Association, Section on Education. Philadelphia, PA.

2008: American Physical Therapy Association, Combined Sections Meeting. February 6-10, 2008
Various sessions related to PT education, management and policy issues. Nashville, Tennessee.

2008: American Physical Therapy Association Annual Conference. June 11-14m 2008
Various sessions related to PT education, management and policy issues. San Antonio, Texas.

2008: Educational Leadership Conference- Academic Administrators, American Physical Therapy Association, Section on Education. Minneapolis, MN.

2007: American Physical Therapy Association, Combined Sections Meeting. Various sessions related to PT education, management, and policy issues. Boston, Massachusetts.

2007: American Physical Therapy Association, Annual Conference. June 27-30, 2007
Various sessions related to PT education, management, and policy issues. Denver, Colorado.

2006: American Physical Therapy Association, Annual Conference. June 21-24, 2006
Various sessions related to topics in PT education, management, and policy. Orlando, Florida.

2006: American Physical Therapy Association, Combined Sections Meeting. February 1-4, 2006
Various sessions related to topics in PT education, management, and policy. San Diego, California.

2005: III Step. July, 2005. Salt Lake City, Utah.

2005: American Physical Therapy Association, Combined Sections Meeting. Various sessions in topics related to PT education, management, and policy. New Orleans, Louisiana.

2005: American Physical Therapy Association, Annual Conference. Various sessions related to topics in PT education, management, and policy. Boston, Massachusetts.

2005: Colorado Chapter APTA Fall Symposium. Outcomes that Matter: Orthopedic and Neurological. Denver, Colorado.

2004: American Physical Therapy Association, Combined Sections Meeting. Various sessions related to topics on PT education, management, and policy. Nashville, Tennessee.

2002: American Physical Therapy Association, Annual Conference. Various sessions related to topics on PT education, management, and policy. Cincinnati, Ohio.

2002: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. Boston, Massachusetts.

2001: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. San Antonio, Texas.

2001: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Anaheim, California.

2000: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. New Orleans, Louisiana.

2000: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Indianapolis, Indiana.

1999: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Washington, District of Columbia.

1999: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. Seattle, Washington.

1998: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. Boston, Massachusetts.

1998: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Orlando, Florida.

1997: Bernstein Revisited. Doug Steward, PhD. October, 1997. Boulder, Colorado.

1997: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. Reno, Nevada.

1996: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. Atlanta, Georgia.

1996: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Minneapolis, Minnesota.

1995: World Confederation of Physical Therapy. Various sessions on topics related to PT education, management, and policy. Washington, District of Columbia.

1995: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. San Antonio, Texas.

1994: American Physical Therapy Association-Canadian Physiotherapy Association Combined Conference. Various sessions on topics related to PT education, management, and policy. Toronto, Canada.

1993: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Cincinnati, Ohio.

1992: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Denver, Colorado.

1991: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Boston, Massachusetts.

1990: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Anaheim, California.

1990: American Physical Therapy Association, Combined Sections Meeting. Various sessions on topics related to PT education, management, and policy. Orlando, Florida.

1990: Society for Neuroscience. Basic and clinical sessions related to neuroscience. St. Louis, Missouri.

1989: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Nashville, Tennessee.

1989: Society for Neuroscience. Basic and clinical research related to neuroscience. Phoenix, Arizona.

1988: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Las Vegas, Nevada.

1988: Society for Neuroscience. Basic and clinical research related to neuroscience. Toronto, Canada.

1987: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. San Antonio, Texas.

1987: Society for Neuroscience. Basic and clinical topics related to neuroscience. New Orleans, Louisiana.

1986: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Chicago, Illinois.

1985: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. New Orleans, Louisiana.

1984: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Las Vegas, Nevada.

1983: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Kansas, Kansas.

1982: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Anaheim, California.

1981: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Washington, District of Columbia.

1980: American Physical Therapy Association, Annual Conference. Various sessions on topics related to PT education, management, and policy. Phoenix, Arizona.

1972: New York Chapter APTA Annual Conference. Kiamesha Lake, New York.

1971: New York Chapter APTA Annual Conference. Syracuse, New York.

Instructional-Related Conference

2012: Colorado Chapter Spring Conference, Locomotion in Stroke. March 31, 2012. Aurora, CO.

2008: Colorado Chapter American Physical Therapy Annual Spring Conference. Tom McPoil, PT, PhD-Orthotics update. Denver, Colorado.

2006: Colorado Chapter APTA Fall Symposium. A functional approach to geriatric rehabilitation- Ellen Strunk. Denver, Colorado.

2005: Federation of State Boards of Physical Therapy. Question Writers Workshop. October, 2005. Austin, Texas.

2004: Colorado Chapter APTA Fall Symposium. Held in conjunction with PPS. Colorado Springs, Colorado.

2003: Advancing Searching using OVID and PubMed. Lisa Traditi, January, 2003. Denver, Colorado.

2003: Colorado Chapter American Physical Therapy Annual Spring Conference. Integrating ortho and neuro into your practice. Arvada, Colorado.

2002: Active Learners Online. Lee Ann Fields, Department of Education, UCHSC. October, 2002. Denver, Colorado.

2002: Adult Learning. Tom Cyr, EdD. Department of Education, UCHSC. September, 2002. Denver, Colorado.

2002: Colorado Chapter American Physical Therapy Annual Spring Conference. Ben Massey. Denver, Colorado.

2001: Colorado Chapter American Physical Therapy Annual Spring Conference. Vestibular rehabilitation. Denver, Colorado.

2000: APTA/New Mexico Annual Conference. Albuquerque, New Mexico.

1999: Evidence-based Health Care. Department of Biometry, August 1-5, 1999. Vail, Colorado.

1999: Colorado Chapter American Physical Therapy Annual Spring Conference. Implementing motor control strategies in orthopedics. Denver, Colorado.

1998: Colorado Chapter American Physical Therapy Annual Spring Conference. Motor Control/Motor Learning in the practice of physical therapy. Denver, Colorado.

1998: Colorado Chapter APTA Fall Symposium. An eclectic approach to lower extremity dysfunction. Denver, Colorado.

1997: Problem Based Learning. Howard Barrows, MD; Anne Nelson, PhD. Denver, Colorado.

1997: Colorado Chapter American Physical Therapy Annual Spring Conference. Denver, Colorado.

1996: Colorado Chapter American Physical Therapy Annual Spring Conference. Colorado Springs, Colorado.

1996: Colorado Chapter American Physical Therapy Annual Spring Conference. Denver, Colorado.

1995: Colorado Chapter American Physical Therapy Annual Spring Conference. Physical therapy in prevention and management of chronic diseases in aging. Keystone, Colorado.

1994: Colorado Chapter American Physical Therapy Annual Spring Conference. Spinal Stabilization-Stanley Paris, PT, PhD. Keystone, Colorado.

1993: Colorado Chapter APTA Fall Symposium. Denver, Colorado.

1993: Colorado Chapter American Physical Therapy Annual Spring Conference. Breckenridge, Colorado.

1993: Muscle Imbalances. Florence Kendall. Denver, Colorado.

1992: Colorado Chapter American Physical Therapy Annual Spring Conference. Breckenridge, Colorado.

1991: Colorado Chapter American Physical Therapy Annual Spring Conference. Beaver Creek, Colorado.

1991: APTA/Colorado Chapter. Level II Muscle Imbalance-Shirley Sharmann, PT, PhD. Denver, Colorado.

1990: Colorado Chapter American Physical Therapy Annual Spring Conference. Silver Creek, Colorado.

1990: APTA/Colorado Chapter. Intro to Muscle Imbalances-Shirley Sharmann, PT, PhD. Denver, Colorado.

1988: Balance Deficits in The Neurologic Patient. Anne Shumway-Cook, PT, PhD and Fay Horak, PT, PhD. Denver, Colorado.

1987: Colorado Chapter American Physical Therapy Annual Spring Conference. Silver Creek, Colorado.

1986: Colorado Chapter American Physical Therapy Annual Spring Conference. Silver Creek, Colorado.

1985: Colorado Chapter American Physical Therapy Annual Spring Conference. Silver Creek, Connecticut.

1983: NDT Adult Hemiplegia. Pamela Mullins at Spalding Rehabilitation Center. Denver, Colorado.

1982: Integrated Approach to the Treatment of Hemiplegia Patients. Pamela Duncan, PT, PhD. Denver, Colorado.

1981: Colorado Chapter American Physical Therapy Annual Spring Conference. Dillon, Colorado.

1980: APTA/Colorado Chapter. Neuroanatomy Review. Colorado Springs, Colorado.

1980: Preceptor Training Workshop. UCHSC, Physical Therapy Curriculum. Denver, Colorado.

1979: Colorado Chapter American Physical Therapy Annual Spring Conference. Vail, Colorado.

1978: Colorado Chapter American Physical Therapy Annual Spring Conference. Breckenridge, Colorado.

1977: Colorado Chapter American Physical Therapy Annual Spring Conference. Fort Collins, Colorado.

- 1975: Colorado Chapter American Physical Therapy Annual Spring Conference. Estes Park, Colorado.
- 1974: Colorado Chapter American Physical Therapy Annual Spring Conference. Colorado Springs, Colorado.
- 1972: Treatment of Adult Hemiplegia. Berta and Karel Bobath-treatment of adult hemiplegia. New York, New York.
- 1971: NDT. Berta Bobath-NDT treatment for cerebral palsy. Syracuse, New York.

Other Professional Development

- 2010: American Physical Therapy Association Spring Business Meeting. Denver, Colorado.
- 2008: CAPTE Self-study Workshop. Workshop to prepare for accreditation self-study. Phoenix, Arizona.
- 2007: APTA Federal Government Affairs Forum. May 23-25, 2007
Participant in Federal Governmental Affairs Forum and lobbying in Washington, DC. Washington, District of Columbia.
- 2007: American Physical Therapy Association Spring Business Meeting. Denver, Colorado.
- 2007: Jesuit Western Conference. Selected faculty discuss Jesuit values at Gonzaga University. Spokane, Washington.
- 2000: APTA State Government Affairs Forum. Phoenix, Arizona.
- 1991: Commission on Physical Therapy Education-Onsite Evaluator training. Alexandria, Virginia.

Professional Seminars / Workshops

- 2009: Educational Leadership Conference. Academic Administrators Special Interest Group. October 1-4, 2009. New organizational structure for PT education. Philadelphia, Pennsylvania.
- 2008: Colorado Chapter APTA Fall Symposium. Medicare and Legal Updates. November 2, 2007. Denver, Colorado.
- 2008: Educational Leadership Conference. Academic Administrators Special Interest Group programming; October 1-4, 2008. Issues related to PT professional education and relationship to APTA. Phoenix, Arizona.
- 2007: Educational Leadership Conference. Issues and trends in PT professional education. Minneapolis, Minnesota.
- 2005: NCMRR Medical Rehabilitation Research Training Workshop. December 5-6, 2005. Rockville, Maryland.
- 2001: USA - Japan Health Science Conference. Denver, Colorado.
- 2000: Spasticity Management. The Children's Hospital. May 6, 2000. Denver, Colorado.
- 1997: Colorado Chapter APTA Fall Symposium. Documentation of PRACTICE: Meeting Patient Needs in an Era of Outcomes-based Practice.
Jules Rothstein, PT, PhD, FAPTA. November 22-23, 1997. Colorado Springs, Colorado.

Technology-Related Training

- 2003: Using Technology. WebCT. Joe Huggins, AHEC. January, 2003. Denver, Colorado.
- 2002: Using Technology. Microsoft Access. Joe Huggins, AHEC, March, 2002. Denver, Colorado.
- 1998: Technology Today. Colorado Bar Association. September, 1998. Keystone, Colorado.
- 1998: Teaching with Technology. Department of Education, UCHSC. March, 1998. Denver, Colorado.

Current Teaching Responsibilities in the Entry-Level Program:

DPT 704 Neuroscience, DPT 706 Movement Science, DPT 712 Diagnostic Imaging, DPT 736 Neurological Management I, DPT 737 Neurological Management II, DPT 796 Capstone Portfolio (Coordinator)