



University of Colorado Denver

Department of Physical Medicine and Rehabilitation

Physical Therapy Program, C244

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Dear Colleagues and Friends:

It is with pleasure that I share with you some of the highlights of 2008. We had a delightful 60th anniversary celebration of the Physical Therapy Program, with colleagues from across the institution and alumni from multiple classes. Please feel free to stop by and visit our new facilities at the Anschutz Medical Campus.

We welcomed Lisa Dannemiller, PT, DSc, PCS to the PT Program faculty this past fall. She has taken over the pediatric component of our curriculum. Meanwhile, Amy Bodkin, PT, PhD had the opportunity to move to a full time position at the Center for Gait and Movement Analysis at The Children's Hospital. This position has allowed Amy to expand her research and we are pleased that she is still in close touch with the PT Program.

We are accepting applications for the last cohort of students for entry into the transition DPT Program. We will accept applications until July 1, 2009. This program was initiated in 2004 to provide our graduates and other clinical colleagues with the opportunity to enhance their education at the level of the doctor of physical therapy. Congratulations to the 73 students who have graduated to date.

Our entry-level students continue to be very active in service. Students in the classes of 2009 and 2010 were recognized as third place national winners for their contributions to the Marquette Challenge. This is a student grass roots initiative that raises money for the Foundation for Physical Therapy, which supports physical therapy research. For the second consecutive year, our students and faculty traveled to the University of Nicaragua in Managua, where they provided instruction for clinicians and faculty on current physical therapy practice and donated medical supplies for individuals and groups in need. Students continue to provide physical therapy service through the Stout Street Clinic for homeless individuals and other activities such as participation in the Parkinson's Association of the Rockies annual walk.

We have begun several new initiatives. The Interdisciplinary Movement Science Laboratory was funded by the Dean's Academic Enrichment Funds and provides full motion analysis and kinetic capabilities for researchers on the campus with an interest in rehabilitation. We are completing a proposal for a PhD program in rehabilitation sciences and anticipate admitting students into this program by January 2010.

We look forward to 2009 and to fruitful collaborations with many of you as friends and associates of the program. I welcome your thoughts and questions. You can reach me by phone at (303) 724-9375 or by email, margaret.schenkman@ucdenver.edu. Note that we all have new email addresses to reflect our university name. Please know there is always an open invitation to talk with me about any aspect of the UC Denver Physical Therapy Program.

With best wishes for 2009,

Margaret Schenkman, PT, PhD, FAPTA
Professor and Program Director

Encl. (1)

Student, Faculty, and Staff Accomplishments – 2008

University of Colorado Denver Physical Therapy Program

Awards and Honors

Rebekah Griffith	Colorado Chapter APTA ACE Award
Paul Mintken	Best Poster at the 2007 meeting of the American Academy of Orthopaedic Manual Physical Therapists
PT Students	Foundation for Physical Therapy, Marquette Challenge, third place winners for \$11,290 contribution
Mary Jane Rapport	Lucy Blair Service Award, APTA
Margaret Schenkman	Catherine Worthingham Fellow, APTA

Funded Grants - Active

Christiansen C, Stevens-Lapsley J. Limb loading asymmetry with total knee arthroplasty. Bob Doctor Research Grant from the University of Colorado Foundation.

Cleland J (PI), Bienbick M, **Mintken P.** Manual therapy and exercise versus home exercises in the management of patients status post ankle sprain: a multi-center randomized clinical trial. Orthopaedic Physical Therapy Products (OPTP) Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT).

Maluf KS (PI). Effects of psychosocial stress on intrinsic activation of human motor neurons. National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health.

Maluf KS (PI). Task dependent mechanisms of neuromuscular activation. National Institutes of Health Clinical Loan Repayment Program.

Melanson EL (PI). Energy expenditure & activity during & after exercise-induced weight loss. National Institutes of Health.

Puentedure L (PI), **Mintken P**, Cleland J (Co-investigators). Development of a clinical prediction rule to identify patients with neck pain likely to benefit from cervical spine manipulation. Cardon Rehabilitation Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT).

Rapport MJ (Faculty Researcher). President's teaching and learning collaborative. Grant to Faculty to support research on the scholarship of teaching and learning by the President of the University of Colorado.

Robinson, C (PI), **Rapport MJ** (PT Discipline Director). Leadership education in neurodevelopmental and related disorders training program. [Education Training Grant]. Maternal Child Health Bureau, Health Resources and Service Administration.

Schenkman M (PI). Exercise intervention for people with Parkinson's disease. National Institute of Child Health and Human Development, National Institutes of Health.

Schenkman M (PI), Carollo JJ, **Christiansen CL**, Davidson BS, **Maluf KS**, Solomonow M, **Stevens-Lapsley J.** Interdisciplinary Movement Science Laboratory. Academic Enrichment Fund New Strategic Research Initiative, School of Medicine. University of Colorado Denver.

Student, Faculty, and Staff Accomplishments – 2008

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Funded Grants - Active continued

Schenkman M, Hebert J, Corboy J. The effects of vestibular rehabilitation on MS-related fatigue: randomized control trial. National Multiple Sclerosis Society.

Schwartz RS (PI), Enoka RM (Mentor), **Maluf KS** (Mentor), Pascoe MA (Fellow). University of Colorado Aging Training Grant. National Institute on Aging, National Institutes of Health.

Sokol R (PI), Kohrt WM (Mentor), Spencer R (Mentor), **Maluf KS** (Fellow). Mechanisms and treatment of stress-evoked muscle activity. Colorado Translational and Clinical Sciences Institute, National Institutes of Health.

Stevens-Lapsley J (PI). Optimizing lower extremity muscle function after total knee arthroplasty. American College of Rheumatology New Investigator Award.

Stevens-Lapsley J (PI). Early NMES to improve quadriceps muscle function after total knee arthroplasty. National Institutes of Health K Award.

Stevens-Lapsley J (PI). Functional outcomes following minimally invasive total knee arthroplasty. National Institutes of Health.

Stevens-Lapsley J (PI). Quadriceps muscle function after minimally invasive total knee arthroplasty. Arthritis Foundation New Investigator Award.

Umeda M (PI), **Maluf KS** (Mentor). Exercise-induced hypoalgesia in patients with chronic neck pain. John J. Bonica Post-doctoral Trainee Fellowship, International Association for the Study of Pain.

Manuscripts

Christiansen, CL. The effects of hip and ankle stretching on gait function of older people. *Arch Phys Med Rehabil.* 2008;89:1421-1428.

Fisher TB, **Stevens-Lapsley J.** Rehabilitation of a marathon runner with Guillain-Barré Syndrome. *JNPT.* 2008;32:203-209.

Jankowski CM, Gozansky WS, Van Pelt RE, **Schenkman ML,** et al. Relative contributions of adiposity and muscularity to physical function in healthy older adults. *Obesity.* 2008;16(5):1039-1044.

Mintken P, Boyles R. Tarsometatarsal joint injury in a patient seen in a direct access physical therapy setting. *J Orthop Sports Phys Ther.* 2009;39(1):28-29.

Mintken P, Metrick L, Flynn T. Upper cervical ligament testing in a patient with Os Odontoideum presenting with headaches. *J Orthop Sports Phys Ther.* 2008;38(8):465-475.

Mintken P, DeRosa C, Little T, Smith B. A model for standardizing manipulation terminology in physical therapy practice. *J Orthop Sports Phys Ther.* 2008;38(3):A1-6.

Mintken P, DeRosa C, Little T, Smith B. A model for standardizing manipulation terminology in physical therapy practice. *Journal of Manual and Manipulative Therapy.* 2008;16(1):50-56.

Pathare N, Vandenborne K, Liu M, **Stevens-Lapsley J,** et al. Alterations in inorganic phosphate in mouse hindlimb muscles during limb disuse. *NMR Biomed.* 2008;21:101-110.

Student, Faculty, and Staff Accomplishments – 2008

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Manuscripts continued

Schenkman M, Hall D, Kumar R, Kohrt WM. Endurance exercise training to improve economy of movement of people with Parkinson disease: three case reports. *Phys Ther.* 2008;88:63-76.

Shah PK, Gregory CM, **Stevens-Lapsley J**, et al. Non-invasive assessment of lower extremity muscle composition after incomplete spinal cord injury. *Spinal Cord.* Aug 2008;46:565-70.

VanDillen LR, **Maluf KS**, Sahrman SA. Further examination of modifying patient-preferred movement and alignment strategies in patients with low back pain during symptomatic tests. *Man Ther.* 2009;14:52-60.

Book Chapters

Stevens-Lapsley J, MacAuley D. Older exercise participants. In: Snyder-Mackler L, Kolt G, eds. *Physical Therapies in Sport and Exercise, 2nd Edition.* Churchill Livingstone; 2008.

Appointed or Elected Offices, Advisory Groups, and Other Professional Responsibilities:

American Physical Therapy Association – National

Cynthia Johnson	Vice President/Program Chair for the Hand Rehabilitation Section
Mary Jane Rapport	Advisory Group, Physical Therapist Centralized Application Service (PTCAS) Advisory Panel on Practice Advisory Panel on Advocacy Section on Pediatrics, Region II Director Section on Pediatrics, Practice Committee
Paul Mintken	Item writer for the Specialization Academy of Content Experts (SACE)
Jenny Rodriguez	Clinical Instructor Education Board Education Section, Research Committee Member Task Force to develop ACCE/DCE 360-performance evaluation
Margaret Schenkman	Nominating Committee, Neurology Section
Jennifer Stevens-Lapsley	Chair, Research Committee Section on Research, Nominating Committee Member
Joanne Valvano	Chair of Subcommittee for CSM Abstract Review, Pediatric Section Research Committee

American Physical Therapy Association – Colorado Chapter

Linda Hannen	Nominating Committee Professional Development Committee
Paul Mintken	Chair, Awards Committee
Mary Jane Rapport	Delegate at Large
Tami Struessel	Member Student Mentoring Task Force

Student, Faculty, and Staff Accomplishments – 2008

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Other Professional Activities

Nancey Bookstein	President, Board of Directors and Physical Therapist, St. Benedict Health and Healing Ministry (Free Clinic), Boulder, CO
Linda Hannen	Member of the Clinical Educator's Forum Faculty Liaison to the UCD PT Alumni Association
Cindy Johnson	Member of the Advisory Panel for the State of Colorado Department of Labor and Employment Division of Workers' Compensation for guidelines on Shoulder Injury and Thoracic Outlet Syndrome
Katrina Maluf	Manuscript Reviewer: Physical Therapy, Journal of Applied Physiology, Journal of Neurophysiology, Exercise and Sport Sciences Reviews Rehabilitation Science PhD Program Advisory Committee Chair Comprehensive and Dissertation Examination Committee Member, Department of Integrative Physiology, Clinical Sciences Program
Paul Mintken	Represented American Physical Therapy Association (APTA) headquarters at a nomenclature working group at an interdisciplinary symposium Chair of task force working towards the standardization of manual therapy language for the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT)
Mary Jane Rapport	Manuscript Reviewer: Physical Therapy, Pediatric Physical Therapy
Margaret Schenkman	Editorial Board Member, Physical Medicine & Rehabilitation; Member of Data Safety Monitoring Board for a multi-site surgical trial for people with Parkinson's disease.
Jennifer Stevens-Lapsley	Program Director, Health Volunteers Overseas, Nicaragua
Tami Struessel	PT Advisory Committee, Department of Regulatory Agencies (DORA) Delegate for State of Colorado, Federation of State Boards of Physical Therapy Appointed to Federation of State Boards of Physical Therapy Item Writing Committee
Jennifer Volenec Class of 2009	Elected Vice President of Communications, Student Senate, UCD
Hope Yasbin Class of 2009	Elected Vice President of Legislative Affairs, Student Senate, UCD