

## CURRICULUM VITAE

Michael D. Ross, PT, DHSc, OCS, FAAOMPT  
Daemen University

### Education:

Physical Therapy Fellowship in Orthopaedic Manual Therapy and Musculoskeletal Primary Care  
Kaiser Permanente Medical Center  
Vallejo, CA  
2004

Doctorate of Health Science  
University of Indianapolis  
Indianapolis, IN  
Physical Therapy  
2000

Master of Health Science  
University of Indianapolis  
Indianapolis, IN  
Physical Therapy  
1996

Master of Science  
University of Dayton  
Dayton, OH  
Education  
1994

Bachelor of Science  
Daemen College  
Amherst, NY  
Physical Therapy  
1992

### Licensure Information:

New York State  
License Number: 038568

### Certifications:

American Academy of Orthopedic Manual Physical Therapists  
Fellow  
2018

American Board of Physical Therapy Specialties  
Board Certified Specialist in Orthopaedic Physical Therapy  
Recertified in 2018

American Board of Physical Therapy Specialties  
Board Certified Specialist in Orthopaedic Physical Therapy  
Recertified in 2008

September 2023

American Board of Physical Therapy Specialties  
Board Certified Specialist in Orthopaedic Physical Therapy  
1998

Employment and Positions Held:

Department Chair and Doctor of Physical Therapy Program Director  
Department of Physical Therapy, Daemen University  
June 2023 - Present

Faculty Development Director  
Center for Excellence in Teaching & Learning  
Daemen University  
June 2022 – June 2023

Associate Professor  
Department of Physical Therapy, Daemen University  
Amherst NY  
August 2020 – Present

Assistant Professor  
Department of Physical Therapy, Daemen University  
Amherst NY  
August 2014 – August 2020

Assistant Professor  
Panuska College of Professional Studies, Department of Physical Therapy, University of Scranton  
Scranton, PA  
August 2012 – August 2014

Director  
U.S. Air Force Physical Medicine Training Programs, Medical Education and Training Campus  
Fort Sam Houston, TX  
August 2010 – August 2012

Director  
U.S. Air Force Physical Medicine Training Programs, Medical Education and Training Campus  
Fort Sam Houston, TX  
August 2008 – August 2010

Chief, Senior Physical Therapist, and Director of Research, Education and Clinical Practice  
Department of Physical Therapy, David Grant US Air Force Medical Center, 60<sup>th</sup> Medical Group  
Travis AFB, CA  
February 2004 – August 2008

Fellow, Physical Therapy Fellowship in Orthopaedic Manual Therapy and Musculoskeletal Primary Care  
Kaiser Permanente Medical Center  
Vallejo, CA  
August 2002 – February 2004

Chief  
Department of Physical Therapy, 27<sup>th</sup> Medical Group  
Cannon AFB, NM  
June 2001 – August 2002

Assistant Professor and Director of Research Operations

September 2023

Department of Biology  
United States Air Force Academy, CO  
July 1998 – June 2001

Assistant Chief  
Department of Physical Therapy, 96<sup>th</sup> Medical Group  
Eglin AFB, FL  
January 1997 – July 1998

Chief  
Department of Physical Therapy, 39<sup>th</sup> Medical Group  
Incirlik AB, Turkey  
January 1995 – January 1997

Staff Physical Therapist  
Department of Physical Therapy, 74<sup>th</sup> Medical Group  
Wright-Patterson AFB, OH  
June 1992 – January 1995

Peer Reviewed Publications:

Young B, **Ross M**, Severin R. Physical Assessment as a Screening Tool. In Goodman and Snyder's Differential Diagnosis for Physical Therapists (Editors: Heick J, Lazaro RT), 7th Edition, Elsevier, St Louis, MO; 2023.

**Ross M**, Drews K, Rogers C, Szydlowski G. Utility of yoga as an alternative therapy for occupational hazards among physical therapists. *Journal of Modern Rehabilitation*. 2023; 17(1):93-102.

Mabry LM, Severin R, Gisselman AS, **Ross MD**, Davenport TE, Young BA, Keil AP, Goss DL. Physical therapists are routinely performing the requisite skills to directly refer for musculoskeletal imaging: an observational study. *Journal of Manual & Manipulative Therapy*. 2022;30(5):261-72.

Ghaly B, Quintillan S, Boggs R, **Ross M**. COVID-19 vaccination related lymphadenopathy as a cause of acute shoulder pain: a report of two patients. *Journal of Clinical Electrophysiology and Wound Management*. 2023;1(1): 51-56.

Prall J, **Ross M**. On-site injury triage by a physical therapist in an industrial work setting: a case study. *Orthopaedic Practice*. 2022;34(3):36-38.

Klose J, Helmetsie A, **Ross M**, Gaul J. Entry point care for workers with job participation barriers. *Academy of Orthopaedic Physical Therapy Home Study Course*. 2022;32.4.3:1-44.

**Ross MD**, Prall J. Assessment of the global rating of knee function in patients following anterior cruciate ligament reconstruction. *Physical Therapy Rehabilitation Science*. 2022;11:1-7.

Yamashiro M, Kelch KG, **Ross M**. Bilateral avascular necrosis of the femoral heads. *Journal of Orthopaedic and Sports Physical Therapy Cases*. 2021;1:231-232.

Higgins TR, May LE, Slusak FT, Wisniewski TM, Ford G, **Ross MD**, Schenk RJ. Mechanical diagnosis and therapy instruction in accredited physical therapy programs in the United States. *Orthopaedic Physical Therapy Practice*. 2021;33(4);198-209.

Ghaly B, Boggs RG, **Ross M**. Ulnar neuropathy at the wrist. *Journal of Orthopaedic and Sports Physical Therapy Cases*. 2021;1:148-149.

September 2023

Prall J, Ross M. The impact of physical therapy delivered ergonomics in the workplace: a narrative review. *Indian Journal of Physiotherapy and Occupational Therapy*. 2021;15(3):27-36.

Mabry LM, Patti TN, **Ross MD**, Bleakley CM, Gisselman AS. Isolated medial cuneiform fractures: a systematic search and qualitative analysis of case studies. *Journal of the American Podiatric Medical Association*. 2021;111(4):Article 12.

Leininger P, Prall J, **Ross M**. A systematic review on the effect of physical therapist delivered ergonomic intervention on workers in a physically taxing workplace. *Indian Journal of Physiotherapy and Occupational Therapy*. 2021;16(2):153-159.

Bowne K, Prall J, **Ross M**. Prolotherapy combined with physical therapy in a recreationally active middle-aged man with chondromalacia patella. *European Journal of Fitness, Nutrition and Sport Medicine Studies*. 2021;2(1):22-33.

Barker S, **Ross M**, Zhou K. Exercise intervention in the management of venous leg ulcers: a review. *European Journal of Physiotherapy and Rehabilitation Studies*. 2021;2(1):28-41.

Prall J, **Ross M**. The impact of physical therapy delivered ergonomics in the workplace: a narrative review. *Indian Journal of Physiotherapy and Occupational Therapy*. 2021;15(3):27-36.

Burley TR, McKinnis L, **Ross MD**. Diagnosis of a spinal compression fracture with digital image inversion. *Journal of Orthopaedic and Sports Physical Therapy Cases*. 2021;1:99-100.

Prall J, **Ross M**. The effect of shift time and work schedule on injuries in the industrial workplace. *European Journal of Public Health Studies*. 2021;4(2):98-109.

Hakim RM, **Ross M**. "Emerging Perspectives of Virtual Reality Techniques" in *Virtual Reality in Health and Rehabilitation*, Taylor & Francis Group, Boca Raton, FL, 2020.

**Ross MD**, Purrington B, Zuniga C, Farnand B, Pattacciato F. Survey of physical therapists' knowledge of screening and management practices for patients with prediabetes. *Physiotherapy Practice and Research*. 2020;41:213–223.

Burley T, Brody LT, Boissonnault WG, **Ross MD**. Development of a musculoskeletal imaging competency examination for physical therapists. *Physical Therapy*. 2020;100:2254-2265.

Agarwal V, Schenk R, **Ross M**. Primary care management of patients with pain complaints and the influence of physician training in mechanical diagnosis and therapy. *Journal of Public Health*. 2020; <https://doi.org/10.1007/s10389-020-01386-w>

Matthews L, Ford G, Schenk R, **Ross M**, Donnelly J. Dry needling curricula in entry-level education programs for physical therapists. *Journal of Manual & Manipulative Therapy*. 2020;30:1-9.

Boggs R, Frappa N, **Ross M**, Tall M. Telehealth and physical therapy clinical decision making in a patient with a falx meningioma. *International Journal of Telerehabilitation*. 2020;12:63-67.

Young BA, **Ross MD**, Heick J, Greathouse DG, Guerrero HG, Boissonnault WG. Exploration of medical screening and differential diagnosis instructional methods and faculty perceptions in physical therapist educational programs. *Journal of Allied Health*. 2020;49:e89-e97.

Zhou K, Frankish L, **Ross MD**. Outcomes and characteristics of wound healing in an outpatient physical therapy clinic. *Wounds*. 2020;32:152-158.

Prall J, **Ross M**. The relationship between disability and hop performance in subjects following anterior

cruciate ligament reconstruction. *Physical Therapy and Rehabilitation*. 2020; 7:3. doi:10.7243/2055-2386-7-3.

Boggs R, **Ross M**, Tall M. Diagnosis of internal carotid artery stenosis in a patient referred to a physiotherapist for dizziness. *Journal of Primary Health Care*. 2019;11:373-379. doi:10.1071/HC19047.

Szydlowski G, O'Neil J, Mrowczynski J, Inglis L, **Ross M**. Electroskip auditory biofeedback in a patient with Parkinson disease: a case report. *Journal of Exercise Rehabilitation*. 2019;15:688-695. doi: 10.12965/jer.1938374.187.

**Ross M**, Zhou K, Perilli A, Van Gorder N, Pace A, Melendez E, Doherty D, Hornung M, Carroll W. Screening for cardiovascular disease risk factors in a physical therapist wound care practice: a retrospective, observational study. *Wound Management and Prevention*. 2019;65:20-28.

Pease B, **Ross M**. Defining subgroups of patients with a stiff and painful shoulder: an analytical model using cluster analysis. *Disability and Rehabilitation*. 2019 June 25:1-11. doi: 10.1080/09638288.2019.1631891. [Epub ahead of print]

Bayer E, Elliott R, Bang M, **Ross M**, Tall M. Atlantoaxial instability in a patient with neck pain and rheumatoid arthritis. *Journal of Spinal Cord Medicine*. 2019 March 15:1-4. doi: 10.1080/10790268.2019.1580859. [Epub ahead of print]

Loro WA, Thelen MD, Rosenthal MD, Stoneman PD, **Ross MD**. The effects of cryotherapy on quadriceps electromyographic activity and isometric strength in patient in the early phases following knee surgery. *Journal of Orthopaedic Surgery (Hong Kong)*. 2019;27:2309499019831454. doi: 10.1177/2309499019831454.

Walsh L, Bicheler H, Guillermo K, Wolfley B, Brown M, Schenk R, **Ross M**. The utilization of spinal thrust manipulation by physical therapists in New York State. *Journal of Physical Therapy Education*. June 19, 2019. doi: 10.1097/JTE.0000000000000095. [Epub ahead of print]

Prall J, **Ross M**. The management of work-related musculoskeletal injuries in an occupational health setting: the role of the physical therapist. *Journal of Exercise Rehabilitation*. 2019;15:193-199. doi: 10.12965/jer.1836636.318.

Burley T, **Ross M**, Elliott R, Tall M. Acute progressive neurological decline in an elderly man. *Journal of Primary Health Care*. 2018;10:343-347. doi: 10.1071/HC18027.

**Ross M**, Adams K, Engle K, Enser T, Muehlemann A, Schenk R, Tall M. The knowledge of low back pain management between physical therapists and family practice physicians. *Journal of Manual & Manipulative Therapy*. 2018. DOI: 10.1080/10669817.2018.1500772.

Mabry LM, **Ross MD**, Dardenelle SI. Congenital partial aplasia of the atlas causing functional angular displacement of the posterior arch. *Physical Medicine and Rehabilitation*. 2018 Jun 14. pii: S1934-1482(18)30312-5. doi: 10.1016/j.pmrj.2018.05.026. [Epub ahead of print]

Lyons C, **Ross M**, Elliott R, Tall M. Atlantoaxial instability in a patient with neck pain and ankylosing spondylitis. *Military Medicine*. 2018 Mar 26. doi:10.1093/milmed/usy034. [Epub ahead of print]

Bogulski J, Gonser S, Bush D, Bugner R, Clark L, Farrell L, Swanson K, **Ross M**. The RunSmart training program: effect on oxygen consumption and lower extremity biomechanics during running. *Journal of Exercise Rehabilitation*. 13(4):446-453;2017.

Cecil R, **Ross M**. Effective worksite strategies and interventions to increase physical activity in sedentary workforce populations: the role of physical therapists. *Orthopaedic Physical Therapy Practice*. 29(1);52-58:2017.

Hakim RM, Tunis BG, **Ross MD**. Rehabilitation robotics for the upper extremity: review with new directions for orthopedic disorders. *Journal of Disability and Rehabilitation: Assistive Technology*. 12(8):765-771;2017.

Hakim RM, **Ross MD**, Runco W, Kane M. A community-based aquatic exercise program to improve endurance and mobility in adults with mild to moderate intellectual disability. *Journal of Exercise Rehabilitation*. 13(1):89-94;2017.

Greene Kelch K, **Ross M**, Elliott R, Tall M. Progressive cervical spondylotic myelopathy: A case report describing evaluation and management for a patient in an acute care inpatient setting. *American Journal of Medical Case Reports*. 5(4):86-88;2017.

Saviola K, Coleman T, **Ross M**, Schenk R. Cervicogenic dizziness post-concussion: a case report. *Orthopaedic Physical Therapy Practice*. 28(4):238-243;2016.

**Ross MD**, Cheeks JM, Sanko JP, Tall MA. Identification of a progressively worsening cardiac condition in a patient seen in a home health care environment. *American Journal of Medical Case Reports*. 4(8):296-297;2016.

Mabry LM, **Ross MD**, Tall MA, MD; Kundu E. Neurologic decline following acute vertebral collapse in a patient with cervical osteomyelitis. *Open Journal of Clinical and Medical Case Reports*. 2:1113;2016.

Zhou K, Krug K, Stachura J, Niewczyk P, **Ross M**, Tutuska J, Ford G. Silver-collagen dressing and high-voltage pulsed current therapy for the treatment of chronic full-thickness wounds: a case series. *Ostomy Wound Management*. 62(3):36-44;2016.

Mabry LM, **Ross MD**, Greene KA, Tall MA. Spontaneous osteonecrosis as a cause of knee pain in an older active woman. *International Journal of Clinical and Medical Imaging*. 2(9);2015.

Koppenhaver SL, Walker MJ, Su J, McGowen JM, Umlauf L, Harris KD, **Ross MD**. Changes in lumbar multifidus muscle function and nociceptive sensitivity in low back pain patient responders versus non-responders after dry needling treatment. *Manual Therapy*. 20(6):769-776;2015.

Mabry LM, **Ross MD**, Tonarelli JM. Metastatic cancer mimicking mechanical low back pain: a case report. *Journal of Manual and Manipulative Therapy*. 22(3):162-169;2014.

Van Wyngaarden JJ, **Ross MD**, Hando BR. Abdominal aortic aneurysm in a patient with low back pain. *Journal of Orthopaedic and Sports Physical Therapy*. 44:500-507;2014.

O'Laughlin SJ, Flynn TW, Westrick RB, **Ross MD**. Diagnosis and expedited surgical intervention of a complete hamstring avulsion in a military combatives athlete: a case report. *International Journal of Sports Physical Therapy*. 9:371-376;2014.

Thelen MD, **Ross MD**, Tall MA. Cervical myelopathy: diagnosing another great impostor. *US Army Medical Department Journal*. Apr-Jun:31-38;2014.

**Ross MD**, Childs JD, Middel C, Kujawa J, Brown D, Corrigan M, Parsons N. Physical therapist vs. family practitioner knowledge of simple low back pain management in the U.S. Air Force. *Military Medicine*. 179:162-168;2014.

Mabry LM, **Ross MD**, Tall MA. Impaction fracture of the medial femoral condyle. *Journal of Orthopaedic and Sports Physical Therapy*. 43:512;2013.

Hoppes CW, **Ross MD**, Moore J. Undetected pectoralis major tendon rupture in a patient referred to a physical therapist in a combat environment: a case report. *Physical Therapy*. 93:1225-1233; 2013.

Rodeghero JR, Denninger TR, **Ross MD**. Abdominal pain in physical therapy practice: 3 patient cases. *Journal of Orthopaedic and Sports Physical Therapy*. 43:44-53;2013.

Chad C, **Ross MD**, Isaacs R, Hegedus E. Investigation of non-mechanical findings during spinal movement screening for identifying and/or ruling-out metastatic cancer. *Pain Practice*. 12:426-433;2012.

Boissonnault WG, **Ross MD**. Physical therapists referring patients to physicians: a review of case reports and series. *Journal of Orthopaedic and Sports Physical Therapy*. 42:446-454;2012.

Boyles RE, Gorman I, Pinto D, **Ross MD**. Physical therapist practice and the role of diagnostic imaging. *Journal of Orthopaedic and Sports Physical Therapy*. 41:829-37;2011.

Tonarelli J, Mabry L, **Ross MD**. Diagnostic imaging of an Achilles tendon rupture. *Journal of Orthopaedic and Sports Physical Therapy*. 41:904;2011.

Mabry LM, **Ross MD**, Martin PA, Tall MA, Elliott RL. Globus sensation associated with cervical spondylolisthesis. *American Journal of Physical Medicine and Rehabilitation*. 90:615;2011.

**Ross MD**, Elliott RL. Acute knee hemarthrosis: A case report describing diagnosis and management for a patient on anticoagulation medication. *Physiotherapy Research International*. 16:120-123;2011.

**Ross MD**. The relationship between functional levels and fear-avoidance beliefs following anterior cruciate ligament reconstruction. *Journal of Orthopaedics and Traumatology*. 11:237-43; 2010.

**Ross MD**, Elliott RL. Cervical cord compressive myelopathy in a patient with a primary complaint of medial knee pain. *Journal of Spinal Cord Medicine*. 33:431-434; 2010.

**Ross MD**, Boissonnault WG. Red flags: to screen or not to screen? *Journal of Orthopaedic and Sports Physical Therapy*. 40:682-684;2010.

Mabry LM, **Ross MD**, Tall MA. Insufficiency fracture of the pubic rami. *Journal of Orthopaedic and Sports Physical Therapy*. 40:666;2010.

Mabry LM, **Ross MD**, Tall MA. Diagnostic imaging following cervical spine injury. *Journal of Orthopaedic and Sports Physical Therapy*. 40:189;2010.

Young BA, **Ross MD**. Neck pain and headaches in a patient after a fall. *Journal of Orthopaedic and Sports Physical Therapy*. 39:418;2009.

Blake CG, **Ross MD**. Femoral neck fracture in a military trainee. *Journal of Orthopaedic and Sports Physical Therapy*. 38:578;2008.

**Ross MD**, Cheeks JM. Undetected odontoid fracture in an older individual referred to physical therapy for the treatment of neck pain following trauma. *Journal of Orthopaedic and Sports Physical Therapy*. 38:418-424;2008.

**Ross MD**, Elliott RL. Thoracic spine compression fracture in a patient with back pain. *Journal of Orthopaedic and Sports Physical Therapy*. 38:214;2008.

Greene KA, **Ross MD**. Slipped capital femoral epiphysis in a patient referred to physical therapy for knee pain. *Journal of Orthopaedic and Sports Physical Therapy*. 38:26;2008.

**Ross MD**, Cheeks JM. Undetected hangman's fracture in a patient referred to physical therapy for the treatment of neck pain following trauma. *Physical Therapy*. 88:98-104;2008.

**Ross MD.** Effect of a 15 day pragmatic hamstring stretching program on hamstring flexibility and single hop for distance test performance. *Research in Sports Medicine.* 15: 271-281;2007.

**Ross MD.** Preventing low back pain with education and the prone press-up exercise. *Strength and Conditioning Journal.* 29(6):78-80;2007.

**Ross MD, Bayer E.** Cancer as a cause of low back pain in a patient initially seen in a physical therapy setting. *Journal of Orthopaedic and Sports Physical Therapy.* 35:651-658;2005.

**Ross MD, Villard D.** Disability levels of college-aged men with a history of Osgood-Schlatter disease. *Journal of Strength and Conditioning Research.* 17:659-663;2003.

**Ross MD, Irrgang JJ, Denegar CR, McCloy CM, Unangst ET.** The relationship between participation restrictions and selected clinical measures following anterior cruciate ligament reconstruction. *Knee Surgery, Sports Traumatology and Arthroscopy.* 10:10-19;2002.

**Ross MD.** The use of the tissue stress model as a paradigm for developing an examination and management plan for a patient with plantar fasciitis. *Journal of the American Podiatric Medical Association.* 92:499-506;2002.

**Ross MD.** Physical therapy and changes in disability for patients with low back pain. *Military Medicine.* 167:662-665;2002.

**Ross MD, Nordeen MH, Barido M.** Test-retest reliability of Patrick's hip range of motion test in healthy college-aged men. *Journal of Strength and Conditioning Research.* 17:156-161;2002.

**Ross MD, Langford B, Whelan P.** Test-retest reliability of four single leg hop tests. *Journal of Strength and Conditioning Research.* 16:617-622;2002.

**Ross MD, Hooten S, Moore D.** Lower leg girth and ankle plantar flexor endurance capabilities of young adult males following anterior cruciate ligament reconstruction. *Journal of Sport Rehabilitation.* 11:128-138;2002.

**Ross MD.** Gastrocnemius and soleus muscle stretching for athletes with plantar fasciitis. *Strength and Conditioning Journal.* 24(6):71-72;2002.

**Ross MD.** Using pain patterns. *The Physician and Sportsmedicine.* 30:46;2002.

**Ross MD.** Addressing calf muscle weakness following anterior cruciate ligament reconstruction. *Strength and Conditioning Journal.* 24(1):71-72;2002.

**Ross MD, Denegar CR, Winzenried J.** The implementation of open and closed kinetic chain quadriceps strengthening exercises following anterior cruciate ligament reconstruction. *Journal of Strength and Conditioning Research.* 15:466-473;2001.

**Ross MD, Denegar CR.** Effect of exercise on bone mineral density in postmenopausal women. *Strength and Conditioning Journal.* 23(4):30-35;2001.

**Ross MD, Southard T.** Modifying quadriceps strengthening exercises in anterior cruciate ligament deficient athletes. *Strength and Conditioning Journal.* 23(4):58-60;2001.

Maher L, **Ross M.** General well-being, physical health, and psychosocial health of young adult male subjects following knee surgery. *Bios - The Journal of the Tri-Beta Biological National Honor Society.* 72(1):3-8;2001.



**Ross M**, Fontenot E. Test-retest reliability of the standing heel-rise test. *Journal of Sport Rehabilitation*. 9(2):117-123;2000.

**Ross M**, Worrell T. A review of the efficacy of electrical stimulation following anterior cruciate ligament reconstruction. *Athletic Therapy Today*. 5(6):54-60;2000.

**Ross M**. Hamstring injury in a male collegiate sprinter. *Athletic Therapy Today*. 5(4):42-43;2000.

**Ross M**. The effects of neuromuscular electrical stimulation during closed kinetic chain exercise on lower extremity performance following anterior cruciate ligament reconstruction. *Sports Medicine, Training and Rehabilitation (now Research in Sports Medicine)*. 9(4):239-251;2000.

**Ross M**. Stretching the hip flexor muscles. *Strength and Conditioning Journal*. 21(3):71-72;1999.

**Ross M**. The treatment of low back pain in a middle-aged recreational athlete. *Athletic Therapy Today*. 4(2):22-23;1999.

**Ross M**, Paterno G. Reliability of the Apley's range of motion test and dominant and nondominant upper extremity differences. *European Journal of Physical Medicine and Rehabilitation*. 8(6):166-169; 1999.

**Ross M**. Delayed onset muscle soreness: Work out now, pay later? *The Physician and Sportsmedicine*. 27(1):107-108;1999.

**Ross M**. Effect of lower extremity position and stretching on hamstring muscle flexibility. *Journal of Strength and Conditioning Research*. 13(2):124-129;1999.

**Ross M**, Worrell T. Thigh and calf girth following knee injury and surgery. *Journal of Orthopaedic and Sports Physical Therapy*. 27(1):9-15;1998.

**Ross M**. The use of closed kinetic chain functional tests in determining functional performance levels. *Strength and Conditioning*. 19(5):66-69;1997.

**Ross M**. The efficacy of manipulation and back school in the treatment of low back pain. *Physiotherapy*. 83(4):181-183;1997.

**Ross M**. Test-retest reliability of the lateral step-up test in normal healthy adults. *Journal of Orthopaedic and Sports Physical Therapy*. 25(2):128-132;1997.

**Ross M**. Strengthening the hip abductors. *The Physician and Sportsmedicine*. 24(1):109;1996.

**Ross M**. Stretching the hamstrings. *Strength and Conditioning*. 17(6):35-36;1995.

Peer Reviewed Scientific and Professional Presentations:

Prall P, **Ross MD**, Fink ML, Davenport TE, Campo MA  
Core Competencies in Occupational Health for Entry-Level Physical Therapists  
Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Diego, CA, Feb 2023.

Young B, **Ross M**, Crowell M, Keil A, Collie M, Boissonnault W (all)  
Demonstrating competencies in physical therapist referral for imaging  
Platform presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX, Feb 2022.

Mabry LM, Severin R, **Ross MD**, Gisselman AS, Davenport TE, Young BA, Keil AP, Goss DL (Mabry)  
Are physical therapists performing the requisite skills to refer for musculoskeletal imaging?

September 2023

Platform presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX, Feb 2022.

Prall J, **Ross MD** (Ross)

Effects of an injury prevention program on incidence of occupational injuries in the industrial workplace. Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX, Feb 2022.

Huckfeldt C, Spagnoli D, Schwartz JJ, Maida DR, Hakim RM, **Ross MD** (Huckfeldt)

Long-term impact of community-based boxing for balance and mobility in persons with Parkinson's disease.

Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX, Feb 2022.

Ghaly B, Boggs RG, Saludsong Quintillan SR, **Ross MD** (Ghaly)

Musculoskeletal ultrasound's role in COVID-19 vaccination-related lymphadenopathy as a cause of shoulder pain.

Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX, Feb 2022.

Prall J, **Ross MD** (Ross)

The impact of shift time and work schedule on occupational injuries in the industrial workplace.

Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX, Feb 2022.

Prall J, Leininger PM, **Ross MD** (Prall)

Physical therapist intervention for individuals with work related musculoskeletal disorders: a systematic review.

Platform presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX, Feb 2022.

Ross MD, Busacco ZI, Fournier SF, Haude TL, Talbot VL, Prall J. Rotator cuff disorders: a survey of current physical therapy practice in the United States. Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX, Feb 2022.

Ghaly B, Boggs RG, **Ross M** (Ghaly)

The use of musculoskeletal ultrasound in the differential diagnosis of ulnar & median neuropathies at the wrist.

Platform presentation for the Point-of-Care Ultrasound World Conference, Sep 2021 (virtual).

Barker S, Bianconi K, Simson E, Veljovski A, Zhou K, **Ross M** (Ross)

Quality of life outcomes in individuals with integumentary disorders.

Platform presentation for the New York Physical Therapy Association's Annual Conference, Oct 2021 (virtual).

Inglis L, Egan E, Frappa N, Royce A, Castonguay B, **Ross M** (Inglis)

Effects of a novel audio biofeedback device on gait parameters in persons with Parkinson's disease.

Poster presentation for the New York Physical Therapy Association's Annual Conference, Oct 2021 (virtual).

Ward A, Ballou K, Jacob J, **Ross M** (Ward and Ballou)

Platform Assessment and management of lifestyle risk factors in physical therapist practice.

Platform presentation for the New York Physical Therapy Association's Annual Conference, Oct 2021 (virtual).

Prall J, **Ross M** (Prall)

September 2023

The impact of shift time and work schedule on occupational injuries in the industrial workplace.  
Platform presentation for the Pennsylvania Physical Therapy Association's Annual Conference,  
Pittsburgh, PA, Oct 2021.

Prall, **Ross M**, Wickstrom R (Prall)

Virtual ergonomics and movement triage: entry-point care to promote total worker health.

Poster presentation for the Pennsylvania Physical Therapy Association's Annual Conference, Pittsburgh,  
PA, Oct 2021.

Inglis L, Egan E, Frappa N, Royce A, Castonguay B, **Ross M** (Inglis)

Effects of a novel audio biofeedback device on gait parameters in persons with Parkinson's disease.

Poster presentation for the Academy of Neurologic Physical Therapy's Annual Conference, Oct 2021  
(virtual).

Mabry LM, Severin R, **Ross MD**, Gisselman AS, Davenport TE, Young BA, Keil AP, Goss DL (Mabry)

Physical therapists are routinely performing musculoskeletal imaging skills: an observational study.

Poster presentation for the North Carolina Physical Therapy Association's Annual Conference, Winston  
Salem, NC, Oct 2021.

Prall J, **Ross M** (Prall)

The Effect of Physical Therapy Delivered Ergonomic Interventions on Work-Related Musculoskeletal  
Disorders.

Platform Presentation at the 24th Annual Applied Ergonomics Conference, Mar 21 (virtual).

**Ross MD**, Hakim RM, Walton L (all)

Optimizing Practice with Prevention and Health, Wellness, and Fitness Programs.

Platform Presentation at the American Physical Therapy Association's Combined Section Meeting  
(virtual), Feb 21.

**Ross MD**, Schenk R (all)

Management of Patients with Complex Spine-Related Pain: Evidence-Based Strategies to Optimize  
Outcomes.

Platform Presentation at the American Physical Therapy Association's Combined Section Meeting  
(virtual), Feb 21.

Ward AJ, Ballou KC, Jacob JG, Middione AL, **Ross MD** (Ward)

Assessment and Management of Lifestyle Risk Factors in Physical Therapist Practice.

Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association,  
Feb 2021 (virtual).

Yamashiro MM, Kelch KG, **Ross MD** (Yamashiro)

Avascular Necrosis in a 24-Year-Old Male Referred to Physical Therapy for Iliotibial Band Syndrome.

Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association,  
Feb 2021 (virtual).

Higgins TR, May LE, Slusak FT, Wisniewski TM, Ford G, Schenk RJ, **Ross MD** (Slusak)

Mechanical Diagnosis and Therapy Instruction in Accredited Physical Therapy Programs in the United  
States.

Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association,  
Feb 2021 (virtual).

Petrocy JW, Boggs RG, **Ross MD** (Boggs)

Avascular Necrosis of the Femoral Head Following Surgical Fixation of a Slipped Capital Femoral  
Epiphysis.

Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association,  
Feb 2021 (virtual).

September 2023

Young BA, **Ross MD**, Heick J, Greathouse DG, Green Guerrero H, Boissonnault WG (Young)  
Medical Screening and Differential Diagnosis Instructional Methods in Physical Therapist Professional Degree Programs.  
Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, Feb 2021 (virtual).

Burley TR, Brody LT, Boissonnault WG, **Ross MD** (Burley)  
Musculoskeletal Imaging Competency of Physical Therapists.  
Platform presentation for the Combined Sections Meeting of the American Physical Therapy Association, Feb 2021 (virtual).

Burley TR, McKinnis L, **Ross MD** (Burley)  
Radiographic Enhancement Via Digital Image Inversion: Diagnosis of a Spinal Compression Fracture.  
Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, Feb 2021 (virtual).

Scardillo JM, Hakim RM, Aitken M, Homola CP, McGivern AE, Oliveira R, **Ross MD** (Scardillo)  
Self-Reported Communication Confidence of DPT Students Participating in a Student-Run Pro Bono PT Clinic.  
Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, Feb 2021 (virtual).

Hakim RM, Scardillo JM, Aitken M, Homola CP, McGivern AE, Oliveira R, **Ross MD** (Hakim)  
Test-Retest Reliability of the Patient Communication Confidence Scale with Entry-Level PT Students.  
Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, Feb 2021 (virtual).

Mabry LM, Patti TN, **Ross MD**, Bleakley CM, Gisselman ARS (Mabry)  
Isolated Medial Cuneiform Fractures: A Systematic Search and Qualitative Analysis of Case Studies.  
Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, Feb 2021 (virtual).

Ghaly B, Boggs RG, **Ross MD** (Ghaly)  
Ulnar Neuropathy at the Wrist Mimicking Carpal Tunnel Syndrome.  
Platform presentation for the Combined Sections Meeting of the American Physical Therapy Association, Feb 2021 (virtual).

Goss DL, Severin RS, Davenport TE, Keil A, **Ross MD**, Gisselman ARS, Young BA, Adkins AM, Notestine J, Mabry LM (Mabry)  
Are Physical Therapists Routinely Practicing the Requisite Skills to Refer for Diagnostic Imaging: Survey Validation.  
Poster presentation for the Combined Sections Meeting of the American Physical Therapy Association, Feb 2021 (virtual).

Burley TR, Brody LT, Boissonnault WG, **Ross MD** (Ross)  
Musculoskeletal Imaging Competency of Physical Therapists.  
Poster presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Nov 2020 (virtual).

**Ross MD**, Cheskiewicz BF, Jefferies TD, Sikora KE (Ross)  
Physical therapist knowledge in diagnostic imaging for the knee.  
Poster presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Nov 2020 (virtual).

Schenk RJ, Lorenzetti J, **Ross MD** (Schenk)

September 2023

Chronic spinal pain: a proposed physical therapy model for evaluation and management.  
Poster presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Nov 2020 (virtual).

Prall J, **Ross M** (Prall)

The relationship between disability and hop performance in subjects following anterior cruciate ligament reconstruction.

Poster presentation for the Pennsylvania Physical Therapy Association Annual Meeting, Oct 2020 (virtual).

Barker S, Bianconi K, Simson E, Veljovski A, Zhou K, **Ross M** (Barker)

Quality of Life Outcomes in Older Individuals with Integumentary Disorders.

Poster presentation for the Annual Meeting for the Network in Aging of Western New York, Inc., Oct 2020 (virtual).

Ward A, Ballou K, Jacob J, **Ross M** (Ward)

Assessment and Management of Lifestyle Risk Factors in Physical Therapist Practice.

Poster presentation for the Annual Meeting for the Network in Aging of Western New York, Inc., Oct 2020 (virtual)

Purser T, Goss DL, Severin R, Davenport TE, Keil AP, **Ross MD**, Gisselman AS, Young BA, Adkins A, Notestine JP, Mabry LM (Purser)

Are Physical Therapists Routinely Practicing the Requisite Skills to Refer for Diagnostic Imaging: Survey Validation.

Poster presentation for the APTA North Carolina Annual Conference, Oct 2020 (virtual).

**Ross M**, Zhou K, Perilli A, Van Gorder N, Pace A, Melendez E, Doherty D, Hornung M, Carroll W (Perilli).

Cardiovascular disease risk factors: implications for a physical therapist wound care practice.

Poster presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

Schenk RJ, Lorenzetti J, **Ross MD** (Schenk)

Chronic spinal pain: a proposed physical therapy model for evaluation and management.

Poster presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

Hakim RM, Manzo M, Piening C, Segota C, Wilcox W, **Ross MD** (Hakim)

Meaningful change for patients with orthopedic disorders in a student-run pro bono physical therapy clinic.

Poster presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

Agarwal V, Schenk RJ, **Ross MD** (Ross)

Primary care management of patients with pain complaints: influence of mechanical diagnosis and therapy.

Poster presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

**Ross MD**, Cheskiewicz BF, Jefferies TD, Sikora KE (Sikora)

Physical therapist knowledge in diagnostic imaging for the knee.

Poster presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

**Ross MD**, Zhou K, Bianconi KJ, Simson ER, Veljovski A (Ross)

Quality of life outcomes in individuals with integumentary disorders.

Poster presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

Boggs RG, Frappa NM, **Ross MD** (Frappa)

Telehealth and clinical decision making in a patient with a falx meningioma.

Poster presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

Zhou K, Frankish L, **Ross MD** (Ross)

Healing outcomes and characteristics of wounds of different etiologies in an outpatient physical therapy clinic.

Poster presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

Hakim RM, **Ross MD**, Segota C, Potter S, Bishop B (Hakim/Ross)

Feasibility and acceptance of haptic robotics for orthopedic rehabilitation of the wrist/hand: a case report.

Platform presentation for the Combined Sections Meeting, Denver, CO, Feb 2020.

Doherty D, Melendez E, Hornung M, Carroll W, Zhou K, **Ross M** (Doherty)

Cardiovascular disease risk factors: implications for a physical therapist wound care practice.

Poster presentation for the Annual Meeting for the Network in Aging of Western New York, Inc., Buffalo, NY, Oct 2019.

Boggs R, **Ross MD** (Boggs)

Internal carotid artery stenosis in a patient referred to a physical therapist for dizziness.

Poster presentation for the Combined Sections Meeting, Washington, DC, Jan 2019.

Burley T, Thein Brody L, Boissonnault W, **Ross MD** (Burley)

Development of a musculoskeletal imaging competency examination for physical therapists.

Platform presentation for the Combined Sections Meeting, Washington, DC, Jan 2019.

Matthews L, Ford G, Schenk R, **Ross M**, Donnelly J (Matthews)

Dry needling curricula in entry-level education programs for physical therapists.

Poster presentation for the Combined Sections Meeting, Washington, DC, Jan 2019.

Purrington B, Zuniga C, Farnand B, Pattacciato F, **Ross MD** (Purrington)

Survey of physical therapists' knowledge of screening and management practices for patients with prediabetes.

Poster presentation for the Combined Sections Meeting, Washington, DC, Jan 2019.

**Ross MD**, Zhou K, Bianconi K; Simson E, Veljovski A (Bianconi)

Physical therapy and quality of life outcomes for individuals with integumentary disorders.

Poster presentation for the Combined Sections Meeting, Washington, DC, Jan 2019.

Szydowski G, O'Neil J, Mrowczynski J, **Ross MD** (Szydowski)

Electroskip™ auditory biofeedback in a patient with Parkinson's disease: a case report.

Poster presentation for the Combined Sections Meeting, Washington, DC, Jan 2019.

Burley T, Thein Brody L, Boissonnault W, **Ross MD** (Burley)

Development of a musculoskeletal imaging competency examination for physical therapists.

Platform presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Reno, NV, Nov 2018.

Mabry LM, **Ross MD**, Dardenelle SI (Mabry)

Dangers of upper cervical extension in a patient with congenital partial aplasia of the atlas.

Poster presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Reno, NV, Nov 2018.

Matthews L, Ford G, Schenk R, **Ross M**, Donnelly J (Matthews)

Dry needling curricula in entry-level education programs for physical therapists.

Platform presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Reno, NV, Nov 2018.

Bayer E, Elliott R, Bang M, **Ross MD** (Bayer)

Atlantoaxial instability in a patient with neck pain and rheumatoid arthritis.

September 2023

Poster presentation at the Combined Sections Meeting, New Orleans, LA, Feb 18.

Cadigan K, Elliott R, Bang M, **Ross MD** (Cadigan)

Acute exertional rhabdomyolysis in a patient referred to a physical therapist for thoracic back pain: a case report.

Poster presentation at the Combined Sections Meeting, New Orleans, LA, Feb 18.

Melendez E, Doherty D, Hornung M, Carroll W, Zhou K, **Ross M** (Doherty).

Quality of life in individuals with an integumentary disorder.

Poster presentation at the Combined Sections Meeting, New Orleans, LA, Feb 18.

Sanko JP, Leininger PM, Wagner BR, **Ross MD** (Sanko)

Effect of a cross-cultural service-learning trip on the clinical cultural competency of physical therapist students.

Poster presentation at the Combined Sections Meeting, New Orleans, LA, Feb 18.

Szydowski G, Rogers C, Drews K, **Ross MD** (Ross)

Survey on utility of yoga as an alternative therapy for occupational hazards among physical therapists.

Poster presentation at the Combined Sections Meeting, New Orleans, LA, Feb 18.

Bicheler H, Guillermo K, Wolfley B, Walsh L, Brown M, **Ross M** (Ross)

The utilization of spinal thrust manipulation by physical therapists in New York State.

Poster presentation at the Combined Sections Meeting, New Orleans, LA, Feb 18.

Bogulski J, Gonser S, Bush D, Bugner R, Clark L, Farrell L, Swanson K, **Ross M** (Bogulski).

The RunSmart training program: effect on oxygen consumption and lower extremity biomechanics during running.

Poster presentation at the 2017 New York State Physical Therapy Association Annual Meeting, Albany, NY, Oct 2017.

Melendez E, Doherty D, Hornung M, Carroll W, Zhou K, **Ross M** (Ross)

Screening for cardiovascular disease risk factors in a physical therapist wound care practice.

Poster presentation at the 2017 New York State Physical Therapy Association Annual Meeting, Albany, NY, Oct 2017.

Bicheler H, Guillermo K, Wolfley B, Walsh L, Brown M, **Ross M** (Ross)

The utilization of spinal thrust manipulation by physical therapists in New York State.

Poster presentation at the 2017 New York State Physical Therapy Association Annual Meeting, Albany, NY, Oct 2017.

**Ross MD**, Adams K, Engle K, Enser T, Muehlemann A, Schenk R (Ross)

The knowledge of low back pain management between physical therapists and family care physicians.

Poster presentation at the Combined Sections Meeting, San Antonio, TX, Feb 17.

Zhou K, Perilli A, Van Gorder N, Pace A, **Ross MD** (Ross)

Screening for cardiovascular disease risk factors in a physical therapist wound care practice.

Poster presentation at the Combined Sections Meeting, San Antonio, TX, Feb 17.

**Ross MD**, Sanko JP, Wagner BR, Leininger PM (Ross)

Assessment of clinical cultural competency of physical therapist students.

Poster presentation at the Combined Sections Meeting, San Antonio, TX, Feb 17.

Bowne K, **Ross MD** (Bowne)

Prolotherapy combined with physical therapy in a recreationally active middle-aged man with chondromalacia patella.

Poster presentation at the Combined Sections Meeting, San Antonio, TX, Feb 17.

September 2023

Bruno A, Durney ME, Mastrosante C, Thompson CE, Wagner B, **Ross MD** (Wagner)  
The effects of complementary therapy on quality of life and well-being in persons with a diagnosis of breast cancer  
Poster presentation for the 2015 Pennsylvania Physical Therapy Association Annual Meeting, Seven Springs, PA  
October 2015

**Ross M**, Cheeks J, Sanko J (Ross)  
Identification of a progressively worsening cardiac condition in a patient seen by a home health physical therapist: a case report. Presented as a poster presentation at the Combined Sections Meeting, Indianapolis IN  
February 2015

Bencivengo AM, Greene NM, Hakim RM, **Ross MD** (Greene)  
The outcomes associated with an aquatic based exercise program in a woman who was morbidly obese. Presented as a poster presentation at the Combined Sections Meeting, Indianapolis IN  
February 2015

**Ross M**, Hakim R, Hutchings BL, Runco W, Kane M (Ross/Hakim)  
The impact of a community-based aquatic exercise program on physical performance in community-dwelling adults with mild to moderate intellectual disability. Presented as a platform presentation at the Combined Sections Meeting, Indianapolis IN  
February 2015

Donato A, Grande K, Greene N, Mooney B, **Ross M** (Greene)  
Effects of exercise on physical, psychosocial, and cardiovascular functioning in individuals with mild to moderate intellectual disabilities. Presented as a poster presentation at the Combined Sections Meeting, Indianapolis IN  
February 2015

Bruno A, Durney ME, Mastrosante C, Thompson CE, **Ross MD**, Wagner B (Bruno)  
The effects of complementary therapy on quality of life and well-being in persons with a diagnosis of breast cancer  
Presented as a poster presentation at the Combined Sections Meeting, Indianapolis IN  
February 2015

Zumbo RM, Corley PT, Giwa A, Graham TJ, **Ross MD** (Zumbo)  
Direct access physical therapy referral to physicians: a review of case studies and case series  
Presented as a poster presentation at the Combined Sections Meeting, Indianapolis IN  
February 2015

Dibenedetto K, Russo A, Saadat A, **Ross M**, Miller D (Dibenedetto)  
Effectiveness of SWASH orthosis in combination with botulinum toxin type A on gross motor function and prevention of hip displacement in children with cerebral palsy  
Presented as a poster presentation at the Combined Sections Meeting, Indianapolis IN  
February 2015

Taylor Johns S, Henry J, Peredo D, Rudiman J, Miller D, **Ross M** (Taylor Johns)  
Effects of yoga on typically developing children and teenagers: a systematic review  
Presented as a poster presentation at the Combined Sections Meeting, Indianapolis IN  
February 2015

Marsala A, Saverino M, Greene N, Durney M, **Ross M**, Leininger P (Saverino)  
Outcomes following physical therapist intervention for a 65-year-old woman with herpes zoster: a case study. Presented as a poster presentation at the Combined Sections Meeting, Indianapolis IN

September 2023



February 2015

Bowne K, **Ross M** (Bowne)

Prolotherapy combined with physical therapy in a recreationally active middle-aged man with chondromalacia patella.

Poster presentation for the Regenerative Rehabilitation Conference, San Francisco, CA

April 14

Van Wyngaarden JJ, **Ross MD**, Hando BR (Ross)

Abdominal aortic aneurysm in a patient referred to a physical therapist for low back pain: a case report. Poster presentation for the Combined Sections Meeting, Las Vegas, NV

February 2014

Corrado K, Fischer C, McGraw M, Ryffel K, **Ross M**, Boissonnault W (Ryffel)

Vascular complications associated with cervical spine thrust joint manipulation: a review of case reports. Poster presentation for the Combined Sections Meeting, Las Vegas, NV

February 2014

Cavanaugh D, Corasaniti C, Hoffman C, **Ross M**, Wagner B (Hoffman)

Correlates of cancer-related fatigue in women who have been treated for breast cancer: a systematic review

Poster presentation for the Combined Sections Meeting, Las Vegas, NV

February 2014

Glennon C, Tripp K, Von Bargen K, **Ross M**, Hakim R (Glennon)

Effectiveness of aquatic physical therapy in improving balance in patients with neurological disorders: a systematic review

Poster presentation for the Combined Sections Meeting, Las Vegas, NV

February 2014

Frick J, Lampman M, Martonik M, Prall J, **Ross M** (Ross)

Systematic review of physical therapist interventions for patients with low back pain and associated lumbar radiculopathy

Presented as a poster presentation at the Combined Sections Meeting in Las Vegas, NV

February 2015

Van Wyngaarden JJ, **Ross MD**, Hando BR (Ross)

Abdominal aortic aneurysm in a patient referred to a physical therapist for low back pain: a case report

Platform presentation for the 2013 Pennsylvania Physical Therapy Association Annual Meeting, Seven Springs, PA

October 2013

**Ross MD**, Childs JD, Middel C, Kujawa J, Brown D, Corrigan M, Parsons N (Ross)

Physical therapist vs. family practitioner knowledge of simple low back pain management in the U.S. Air Force

Platform presentation for the 2013 Pennsylvania Physical Therapy Association Annual Meeting, Seven Springs, PA

October 2013

Van Wyngaarden JJ, **Ross MD**, Hando BR (Ross)

Abdominal aortic aneurysm in a patient referred to a physical therapist for low back pain: a case report. Poster presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Cincinnati, OH

October 2013

October 2013

Rodeghero JR, Denninger TR, **Ross MD** (Ross)

September 2023

Abdominal pain in physical therapy practice: 3 patient cases.  
Poster presentation for Physical Therapy 2013: The Annual Conference and Exposition of the American Physical Therapy Association, Salt Lake City, UT  
June 2013

**Ross MD**, Childs JD, Middel C, Kujawa J, Brown D, Corrigan M, Parsons N (Ross)  
Physical therapist vs. family practitioner knowledge of simple low back pain management in the U.S. Air Force  
Poster presentation for the 2013 Northeastern/Central Pennsylvania Interprofessional Education Coalition Meeting, Scranton, PA  
May 2013

**Ross MD**  
Assessment of outcomes of care and clinical decision-making in physical therapist practice. Northeastern Pennsylvania Research-in-Progress Faculty Colloquium, Wilkes-Barre, PA  
April 2013

**Ross MD**, Hoppes CW, Fillmore B, Greenlee M, Hill S, Shea B, Childs JD, Hando B (Ross)  
Screening for cardiovascular disease risk factors in physical therapist practice  
Platform presentation for the 2013 Combined Sections Meeting, San Diego, CA  
January 2013

Koppenhaver SL, Walker MJ, Su J, McGowen J, Weigel L, Harris KD, **Ross MD** (McGowen)  
Effect of trigger point dry needling on lumbar multifidus muscle function in patients with low back pain.  
Platform presentation for the 2013 Combined Sections Meeting, San Diego, CA  
January 2013

Koppenhaver SL, Walker MJ, Smith RW, Booker JM, Walkup ID, Su J, **Ross MD**, Flynn TW  
(Koppenhaver)  
Baseline examination factors associated with clinical improvement after trigger point dry needling in patients with low back pain  
Poster presentation for the 2013 Combined Sections Meeting, San Diego, CA  
Jan 2013

Koppenhaver SL, Walker MJ, Rettig CP, Davis JD, Nelson CJ, Su J, Harris KD, **Ross MD** (Koppenhaver)  
Association between a local twitch response during dry needling, clinical improvement, and changes in lumbar multifidus muscle function in patients with low back pain  
Platform presentation for the 2013 Combined Sections Meeting, San Diego, CA  
January 2013

**Ross MD**, Hoppes CW, Fillmore B, Greenlee M, Hill S, Shea B, Childs JD, Hando B (Ross)  
Screening for cardiovascular disease risk factors in physical therapist practice  
Platform presentation for the 2012 Pennsylvania Physical Therapy Association Annual Meeting  
Lancaster, PA  
October 2012

**Ross MD**, Hoppes CW, Fillmore B, Greenlee M, Hill S, Shea B, Childs JD, Hando B (Hoppes)  
Screening for cardiovascular disease risk factors in physical therapist practice  
Poster presentation for the 2012 Texas Physical Therapy Association Annual Meeting, San Antonio, TX  
October 2012

Koppenhaver SL, Walker MJ, Su J, McGowen J, Weigel L, Harris KD, **Ross MD** (Koppenhaver)  
Effect of trigger point dry needling on lumbar multifidus muscle function in patients with low back pain.  
Poster presentation for the 2012 Texas Physical Therapy Association Annual Meeting, San Antonio, TX  
October 2012

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Koppenhaver SL, Walker MJ, Rettig CP, Davis JD, Nelson CJ, Su J, Harris KD, **Ross MD** (Koppenhaver)  
Association between a local twitch response during dry needling, clinical improvement, and changes in lumbar multifidus muscle function in patients with low back pain  
Poster presentation for the 2012 Texas Physical Therapy Association Annual Meeting, San Antonio, TX  
October 2012

**Ross MD**, Childs JD, Middel C, Kujawa J, Brown D, Corrigan M, Parsons N (Parsons)  
Physical therapist and physician knowledge of low back pain management  
Poster presentation for the 2012 Combined Sections Meeting, Chicago, IL  
February 2012

**Ross MD**, Cook C, Isaacs R, Hegedus E (Ross)  
Investigation of non-mechanical findings during spinal movement screening for identifying and/or ruling-out metastatic cancer  
Platform presentation for the 2012 Combined Sections Meeting, Chicago, IL  
February 2012

**Ross MD**, Childs JD, Middel C, Kujawa J, Brown D, Corrigan M, Parsons N (Ross)  
Physical therapist and physician knowledge of low back pain management  
Platform presentation for the Annual Meeting of the Association of Military Surgeons of the United States Meeting, San Antonio, TX  
November 2011

Boissonnault WG, **Ross MD** (Ross)  
Clinical factors leading to physical therapists referring patients to physicians: a systematic review paper  
Platform presentation for the Annual Meeting of the Association of Military Surgeons of the United States Meeting, San Antonio, TX  
November 2011

**Ross MD**, Childs JD, Middel C, Kujawa J, Brown D, Corrigan M, Parsons N (Middel)  
Physical therapist and physician knowledge of low back pain management  
Platform presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Anaheim, CA  
October 2011

Cook C, **Ross MD**, Isaacs R, Hegedus E (Cook)  
Investigation of non-mechanical findings during spinal movement screening for identifying and/or ruling-out metastatic cancer  
Platform presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Anaheim, CA  
October 2011

**Ross MD**, Burley TR, Elliott RL (Elliott)  
Retropharyngeal and cervical epidural abscess: A case report describing presentation, differential diagnosis and outcome in an elderly man  
Poster presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Anaheim, CA  
October 2011

Mabry LM, **Ross MD**, Martin PA, Tall MA, Elliott RL (Mabry)  
Globus sensation: an unusual presentation associated with cervical spondylolisthesis  
Poster presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Anaheim, CA  
October 2011

**Ross MD**, Childs JD, Middel C, Kujawa J, Brown D, Corrigan M, Parsons N (Brown)

September 2023

Physical therapist and physician knowledge of low back pain management  
Poster presentation for the 2<sup>nd</sup> Annual Baylor University Graduate School Research Day, San Antonio, TX  
September 2011

Boissonnault WG, **Ross MD** (Boissonnault)  
Clinical factors leading to physical therapists referring patients to physicians: a systematic review paper.  
Platform presentation for the World Confederation for Physical Therapy, Amsterdam, Holland  
June 2011

Burley TR, Elliott RL, **Ross MD** (Ross)  
Retropharyngeal and cervical epidural abscess: A case report describing presentation, differential diagnosis and outcome in an elderly man  
Poster presentation for Physical Therapy 2011: The Annual Conference and Exposition of the American Physical Therapy Association, National Harbor, MD  
June 2011

**Ross M**, Mabry L, Tonarelli J (Ross)  
Cancer as a cause of low back pain in an individual referred to physical therapy  
Poster presentation for the 2011 Combined Sections Meeting, New Orleans, LA  
February 2011

Boissonnault WG, **Ross MD** (Boissonnault)  
Clinical factors leading to physical therapists referring patients to physicians: a systematic review paper  
Platform presentation for the 2011 Combined Sections Meeting, New Orleans, LA  
February 2011

Mabry L, **Ross M**, Tonarelli J (Mabry)  
Cancer as a cause of low back pain in an individual referred to physical therapy  
Poster presentation at the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, San Antonio, TX  
October 2010

Boissonnault WG, **Ross MD** (Boissonnault)  
Clinical factors leading to physical therapists referring patients to physicians: a systematic review paper  
Platform presentation for the American Academy of Orthopedic Manual Physical Therapists Annual Meeting, San Antonio, TX  
October 2010

Boissonnault WG, **Ross MD** (Ross)  
Clinical factors leading to physical therapists referring patients to physicians: a systematic review paper  
Poster presentation at the California Physical Therapy Association Annual Meeting, Oakland, CA  
October 2010

**Ross MD**, Lyons CL, Elliott RL (Ross)  
Clinical decision making associated with atlantoaxial instability in a patient diagnosed with ankylosing spondylitis  
Poster presentation at the California Physical Therapy Association Annual Meeting, Oakland, CA  
October 10

Cotton R, Hoover D, Killian C, **Ross M** (Cotton)  
The prediction of functional outcomes in patients with non-surgical shoulder pathology  
Poster presentation at the Indiana Physical Therapy Association Annual Meeting, Indianapolis, IN  
September 2010

**Ross MD**, Lyons CL, Elliott RL (Ross)

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Clinical decision making associated with atlantoaxial instability in a patient diagnosed with ankylosing spondylitis  
Platform presentation at the American Physical Therapy Association's Combined Section Meeting, San Diego, CA  
February 2010

Elliott RL, Greene KA, **Ross MD** (Elliott)  
Acute knee hemarthrosis: A case report describing differential diagnosis and management for a patient on anticoagulation medication  
Poster presentation at the American Physical Therapy Association's Combined Section Meeting, San Diego, CA  
February 2010

**Ross MD**, Lyons CL, Elliott RL (Ross)  
Clinical decision making associated with atlantoaxial instability in a patient diagnosed with ankylosing spondylitis  
Poster presentation for the 2009 American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Washington, DC  
October 2009

**Ross MD**, Cheeks JM, Elliott RL (Elliott)  
Undetected odontoid fracture in an older individual referred to physical therapy for the treatment of neck pain following trauma  
Accepted for poster presentation at the 2008 American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Seattle, WA  
October 2008

Cotton R, Hoover D, Killian C, **Ross M** (Ross)  
The prediction of functional outcomes in patients with shoulder pathology  
2008 California Physical Therapy Association Annual Meeting, Oakland, CA  
September 2008

**Ross MD**, Cheeks JM (Ross)  
Undetected odontoid fracture in an older individual referred to physical therapy for the treatment of neck pain following trauma  
2008 California Physical Therapy Association Annual Meeting, Oakland, CA  
September 2008

**Ross M**  
Effect of a 15 day pragmatic hamstring stretching program on hamstring flexibility and single hop for distance test performance  
American Physical Therapy Association's Combined Section Meeting, Nashville, TN  
February 2008

Greene K, **Ross M**, Elliott R (Ross)  
A case report describing a patient referred to physical therapy for patellofemoral pain who had an underlying slipped capital femoral epiphysis  
American Physical Therapy Association's Combined Section Meeting, Nashville, TN  
Feb 2008

Cotton R, Hoover D, Killian C, **Ross M** (Cotton)  
The prediction of functional outcomes in patients with non-surgical shoulder pathology  
American Physical Therapy Association's Combined Section Meeting, Nashville, TN  
February 2008

**Ross MD**

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A case report describing a patient referred to physical therapy for the treatment of neck pain following trauma who had an underlying cervical spine fracture  
Physical Therapy 2007: The Annual Conference and Exposition of the American Physical Therapy Association, Denver CO  
June 07

Lyons CL, **Ross MD** (Lyons)

Neuromuscular electrical stimulation as an adjunct to traditional lumbar stabilization exercises for patients with lumbar segmental instability: a case series  
American Physical Therapy Association's Combined Section Meeting, Boston, MA  
February 2007

**Ross MD**

Diagnosis and treatment of a thoracic vertebral compression fracture in a patient with underlying osteoporosis  
2006 California Physical Therapy Association Annual Meeting, San Jose, CA  
October 2006

Burley TR, **Ross MD**, Bang MD (Burley)

Retropharyngeal and cervical epidural abscess: A case report describing presentation, differential diagnosis and outcome in an elderly man  
2006 California Physical Therapy Association Annual Meeting, San Jose, CA  
October 2006

Greene KA, **Ross MD**, Elliott RL, Bang MD (Greene)

Progressive cervical myelopathy: A case report describing presentation, differential diagnosis and management for a patient in an inpatient setting  
2006 California Physical Therapy Association Annual Meeting, San Jose, CA  
October 2006

**Ross MD**, Elliott RL, Greene KA, Bang MD, Gabbard J (Ross)

Acute knee hemarthrosis: A case report describing differential diagnosis and management for a patient on anticoagulation medication  
2006 California Physical Therapy Association Annual Meeting, San Jose, CA  
October 2006

**Ross MD**, Bayer E (Ross)

Cancer as a cause of low back and hip pain in a patient initially seen in a physical therapy setting  
American Physical Therapy Association's Combined Section Meeting, San Diego, CA  
February 2006

**Ross MD**

Diagnosis and treatment of a thoracic vertebral compression fracture in a patient with underlying osteoporosis  
American Physical Therapy Association's Combined Section Meeting, San Diego, CA  
February 2006

**Ross MD**, Irrgang JJ, Denegar CR, McCloy CM, Powell ET (Ross)

The relationship between participation restrictions and fear-avoidance beliefs following ACL reconstruction  
Physical Therapy 2004: The Annual Conference and Exposition of the American Physical Therapy Association Chicago, IL  
June 2004

Elliott RL, **Ross MD**, Greene KA, Bang MD (Elliott)

Progressive cervical myelopathy: Three case reports describing differential diagnosis and management

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Physical Therapy 2004: The Annual Conference and Exposition of the American Physical Therapy Association Chicago, IL  
June 2004

Elliott RL, **Ross MD**, Bang MD (Elliott)  
Progressive cervical myelopathy: A case report describing clinical history, differential diagnosis, and management  
2003 American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Reno, NV  
October 03

Greene KA, **Ross MD**, Bang MD (Greene)  
Tarlov cyst as a possible cause of buttock and posterior thigh pain: A case report  
2003 California Physical Therapy Association Annual Meeting, Sacramento, CA  
October 2003

**Ross MD**

The relationship between outcome and the number of physical therapy visits in patients with chronic low back pain  
2003 California Physical Therapy Association Annual Meeting, Sacramento, CA  
October 2003

**Ross MD**, Irrgang JJ, Denegar CR, McCloy CM, Powell ET (Ross)  
The relationship between participation restrictions and fear-avoidance beliefs following anterior cruciate ligament reconstruction  
2003 California Physical Therapy Association Annual Meeting, Sacramento, CA  
October 2003

Elliott RL, **Ross MD**, Bang MD (Elliott)  
Progressive cervical myelopathy: A case report describing differential diagnosis and management  
2003 California Physical Therapy Association Annual Meeting, Sacramento, CA  
October 2003

**Ross MD**, Maher L (Ross)  
Assessing the health status of young adult male subjects following knee surgery  
Physical Therapy 2002: The Annual Conference and Exposition of the American Physical Therapy Association, Cincinnati, OH  
June 2002

Villard D, **Ross MD** (Villard)  
Disability levels of college-aged men with a history of Osgood-Schlatter disease  
Annual Meeting for the Tri-Beta National Biological Honor Society, Colorado Chapter  
April 2001

Chock K, **Ross M** (Chock)  
Isometric hip muscle strength of subjects with residual symptoms following inversion ankle sprain  
72<sup>nd</sup> Meeting of the Colorado-Wyoming Academy of Science  
April 2001

**Ross MD**, Irrgang JJ, Denegar CR, McCloy CM (Ross)  
Estimating disability following anterior cruciate ligament reconstruction  
2001 American Physical Therapy Association's Combined Section Meeting, San Antonio, TX  
Feb 01

**Ross MD**

Physical therapy and short-term functional outcomes for patients with low back pain  
2001 American Physical Therapy Association's Combined Section Meeting, San Antonio, TX

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Feb 2001

**Mahe L, Ross M** (Mahe)

General well-being, physical health, and psychosocial health of young adult male subjects following knee surgery

71<sup>st</sup> Annual Meeting of the Colorado-Wyoming Academy of Science

April 2000

**Hooten S, Ross M** (Hooten)

Calf girth and performance following knee surgery in young adult male subjects

71<sup>st</sup> Annual Meeting of the Colorado-Wyoming Academy of Science

April 2000

**Ross MD, Dahlke B** (Ross)

Lower extremity performance following hamstring injury in male track and field athletes

Physical Therapy 2000: The Annual Conference and Exposition of the American Physical Therapy Association, Indianapolis, IN

June 2000

**Ross MD, Langford B** (Ross)

Test-retest reliability of four lower extremity functional performance tests

Physical Therapy 2000: The Annual Conference and Exposition of the American Physical Therapy Association, Indianapolis, IN

June 2000

**Ross MD**

Physical therapy and functional outcomes for patients with low back pain

American Physical Therapy Association's Combined Section Meeting, Seattle, WA

February 1999

**Ross MD**

Reliability of the Apley's range of motion test and dominant and nondominant upper extremity differences

American Physical Therapy Association's Combined Section Meeting, Seattle, WA

February 1999

**Ross MD, Segner HA** (Ross)

Effects of physical therapy on functional capacities in individuals with low back pain

Physical Therapy Scientific Meeting & Exposition of the American Physical Therapy Association  
Orlando, FL

June 1998

**Ross M**

Test-retest reliability of the lateral step-up test in normal healthy adults

American Physical Therapy Association's Combined Section Meeting, Dallas, TX

February 1997

**Ross M, Worrell T** (Ross)

Thigh and calf girth following knee injury and surgery

American Physical Therapy Association's Combined Section Meeting, Dallas, TX

February 1997

**Ross M**

Effect of lower extremity position and stretching on hamstring muscle flexibility

American Physical Therapy Association's Combined Section Meeting, Atlanta, GA

February 1996

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**Ross M**

Effects of electrical stimulation during closed kinetic chain exercise on lower extremity performance and thigh girth following anterior cruciate ligament reconstruction

American Physical Therapy Association's Combined Section Meeting, Atlanta, GA  
February 1996

Funded/In Review Grant Activity: NA

Current/Active Research Activity:

Sidoti K, Shelander A, Stash A, Riley J, Chimenti C, Seils M, Ross M  
Assessment of risk for hospitalization in patients seen in a home health care setting

Barrick M, Aldridge C, Pohlman E, Wong J, Ross M  
Knowledge of hyponatremia in marathon runners

Membership in Scientific/Professional Organizations:

Member, American Academy of Orthopedic Manual Physical Therapists  
2018 – Present

Member, Association of Military Surgeons of the United States - Society of Federal Health Professionals  
2017 – Present

Member, American Physical Therapy Association  
1991 – Present

Consultative and Advisory Positions Held:

Member  
Academy of Orthopaedic Physical Therapy Awards Committee  
2019 – Present

Member  
New York State Physical Therapy Association's Research Committee  
2015 – 2019

Associate Editor  
Journal of Orthopaedic and Sports Physical Therapy  
2008 – 2015

Medical Malpractice Expert Reviewer  
U.S. Air Force Surgeon General  
2002 – 2010

Community Service:

Pro bono Physical Therapist  
Daemen University  
2014 – Present

Reviewer  
International Federation of Orthopaedic Manipulative Physical Therapist's Symposia and Abstracts  
2015

Member

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Research Committee, American Academy of Orthopedic Manual Physical Therapists  
2009 – Present

Member  
Abstract Review Committee for Combined Sections Meeting  
2009 – Present

Services to the University/College/School on Committees/Councils/Commissions:

Member of Educational Policy Committee, Daemen University  
2022 – Present

Member of the Institute for Mobility Innovation & Technology Planning Committee, Daemen University  
2020 – Present

Member of Center for Interprofessional Learning and Simulation Planning Committee, Daemen University  
2020 – Present

Co-Chair of Faculty Review Committee, Daemen University  
2020 – 2022

Member of Faculty Senate  
2019 – 2021

Member of Human Subjects Research Review Committee, Daemen University  
2018 – Present

Co-Chair of Department Faculty Search Committee, Daemen College Physical Therapy Department  
2018 – 2021

Member of Educational Policy Committee, Daemen College  
2016 – 2019

Member of the Academic Festival Committee, Daemen College  
2016

Member of Faculty Subcommittee on Academic Organizational Structure, Daemen College  
2015

Member of Department Faculty Search Committee, Daemen College Physical Therapy Department  
Spring 2015, 2016

Honors and Awards:

Recipient of the International Journal of Sports Physical Therapy Achievement of Distinction and  
Outstanding Case Report Manuscript  
February 2015

Recipient of Best Research Report Award for the 2013 Pennsylvania Physical Therapy Association  
October 2013

Recipient of Best Case Report Award for the 2013 Pennsylvania Physical Therapy Association Annual M  
October 2013

Recipient of Best Research Report Award for the 2012 Pennsylvania Physical Therapy Association  
October 2012

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COL David G. Greathouse Excellence in Research Award, US Army-Baylor University Doctoral Program  
in Physical Therapy  
2012

Texas Physical Therapy Association's Outstanding Physical Therapy Assistant Faculty Award  
2010

Recipient of Daemen College's Distinguished Alumni Award (Advancement in Career Award)  
2009

Recipient of California Physical Therapy Association's Clinician Non-Research Publication Award  
2008

Col Gary Wasem US Air Force Physical Therapy Element of the Year  
2005

Recipient of Outstanding Research Poster Presentation Award for the California Physical Therapy  
Association Annual Meeting  
2003

Outstanding U.S. Air Force Academy Educator in Biology Award  
2001

U.S. Air Force Academy Department of Biology Research Excellence Award  
2000

Faculty Advisor of Recipient of Outstanding Undergraduate Paper and Presentation Award for the 71<sup>st</sup>  
Annual Meeting of the Colorado-Wyoming Academy of Science  
2000

US Air Force Company Grade Officer Physical Therapist of the Year  
1994

Continuing Education Attended:

American Physical Therapy Association's Combined Section Meeting, February 2022

Evidence-Based Practice Clinical Symposium, Buffalo, NY, December 2021

American Academy of Orthopedic Manual Physical Therapists Annual Meeting, virtual, October 2021

American Physical Therapy Association's Combined Section Meeting, virtual, February 2021

Evidence-Based Practice Clinical Symposium, Buffalo, NY, December 2020

American Academy of Orthopedic Manual Physical Therapists Annual Meeting, virtual, October 2020

American Physical Therapy Association's Combined Section Meeting, Denver, CO, February 2020

Evidence-Based Practice Clinical Symposium, Buffalo, NY, December 2019

Pain Neuroscience Education: An Anecdotal & Evidence Based Clinical Approach, Buffalo, NY,  
September 2019

American Physical Therapy Association's Combined Section Meeting, Washington, DC, January 2019

Evidence-Based Practice Clinical Symposium, Buffalo, NY, December 2018

An Update on TMJ Dysfunction, Buffalo, NY, November 2018

Pharmacology for Physical Therapists, Buffalo, NY, October 2018

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American Physical Therapy Association's Combined Section Meeting, New Orleans, LA, February 2018  
Evidence-Based Practice Clinical Symposium, Buffalo, NY, December 2017  
New York Physical Therapy Association Annual Meeting, Albany, NY, October 2017  
Cardiac Health: Plant-Based Nutrition For The Prevention and Reversal of Cardiac Disease, Buffalo, NY, March 2017  
Neuroplasticity: Retraining the Brain from Stroke to Concussion & Beyond, Buffalo, NY, March 2017  
The Link Between the Physical Therapist and the Registered Dietician, Buffalo, NY, March 2017  
American Physical Therapy Association's Combined Section Meeting, San Antonio, TX, February 2017  
Evidence-Based Practice Clinical Symposium, Buffalo, NY, December 2016  
An Update on Concussion, Buffalo, NY, March 2016  
Fall Prevention Update, Buffalo, NY, November 2015

Current Teaching Responsibilities in the Entry-Level Program:

First Year Professional Phase, spring semester  
PT 515/L Musculoskeletal Rehabilitation II  
PT 517 Clinical Medicine I  
PT 547B

First Year Professional Phase, summer semester  
PT 577 Clinical Internship I

Second Year Professional Phase, fall semester  
PT 516 Clinical Problem Solving in Musculoskeletal Rehabilitation

Second Year Professional Phase, spring semester  
PT 554 Clinical Research I

Third Year Professional Phase, fall semester  
PT 555 Clinical Research II

Third Year Professional Phase, spring semester  
PT 680 Clinical Internship III