

## **CURRICULUM VITAE**

**Michael D. Ross, PT, DHSc, OCS, FAAOMPT**  
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### **PROFESSIONAL EDUCATION**

1. Kaiser Permanente Medical Center, Vallejo, CA, Physical Therapy Fellowship in Orthopaedic Manual Therapy and Musculoskeletal Primary Care, 2004
2. University of Indianapolis, Indianapolis, IN, Doctorate of Health Science in Physical Therapy, 2000
3. University of Indianapolis, Indianapolis, IN, Master of Health Science in Physical Therapy, 1996
4. University of Dayton, Dayton, OH, Master of Science in Education, 1994
5. Daemen College, Amherst, NY, Bachelor of Science in Physical Therapy, 1992

### **FACULTY APPOINTMENTS**

1. Assistant Professor, Department of Physical Therapy, Daemen College, Amherst NY (August 2014 to present)
2. Assistant Professor, Panuska College of Professional Studies, Department of Physical Therapy, University of Scranton, Scranton, PA (August 2012 to August 2014)
3. Director, U.S. Air Force Physical Medicine Training Programs, Medical Education and Training Campus, Fort Sam Houston, TX (August 2010 to August 2012 – at Sheppard AFB from September 2008 to August 2010)
4. Professor and Graduate Program Director for Transitional Doctor of Physical Therapy Program and Associate Professor, Rocky Mountain University of Health Professions, Department of Physical Therapy, Provo, UT (2008 to 2015)
5. Adjunct Instructor, Transitional Doctor of Physical Therapy Program, Hardin-Simmons University, Abilene, TX (2008 to 2015)
6. Faculty Member, Evidence in Motion (2007 to present)
7. Adjunct Professor, U.S. Army-Baylor University Doctoral Program in Physical Therapy, Fort Sam Houston, TX (2006 to 2012)
8. Lecturer (Part-time), Northeastern University, Bouve College of Health Sciences, Department of Physical Therapy, Boston, MA (2006 to present)
9. Senior Clinical Consultant and Faculty Member, Physical Therapy Fellowship in Orthopaedic Manual Therapy and Musculoskeletal Primary Care, Kaiser Permanente Vallejo Medical Center, CA (2004 to present)
10. Guest lecturer, California State University, Department of Physical Therapy, Sacramento, CA (2004 to 2007)
11. Adjunct Faculty Member, Krannert School of Physical Therapy Post-Professional Physical Therapy Programs (DHSc, DPT, MHSc), University of Indianapolis, Indianapolis, IN (2003 to present)
12. Assistant Professor and Director of Research Operations, Department of Biology, United States Air Force Academy, CO (July 1998 to June 2001)
13. Instructor, Human Biology, University of Maryland (European Division) (1995)

## **CLINICAL APPOINTMENTS**

1. Physical Therapist, Daemen College Faculty Practice, Daemen College, Amherst, NY, August 2014 to present
2. Physical Therapist, Leahy Family Health Center, University of Scranton, Scranton, PA, August 2012 to August 2014
3. 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 to September 2008
4. Fellow, Kaiser Permanente Medical Center, Vallejo, CA, Physical Therapy Fellowship in Orthopaedic Manual Therapy and Musculoskeletal Primary Care, August 2002 to February 2004
5. Chief, Department of Physical Therapy, 27<sup>th</sup> Medical Group, Cannon AFB, NM, June 2001 to August 2002
6. Staff Physical Therapist, Department of Physical Therapy, 10<sup>th</sup> Medical Group, United States Air Force Academy, CO, July 1998 to June 2001
7. Assistant Chief, Department of Physical Therapy, 96<sup>th</sup> Medical Group, Eglin AFB, FL, January 1997 to July 1998
8. Chief, Department of Physical Therapy, 39<sup>th</sup> Medical Group, Incirlik AB, Turkey, January 1995 to January 1997
9. Staff Physical Therapist, Department of Physical Therapy, 74<sup>th</sup> Medical Group, Wright-Patterson AFB, OH, June 1992 to January 1995

## **PROFESSIONAL APPOINTMENTS AND ACTIVITIES**

1. Member, Academy of Orthopaedic Physical Therapy Awards Committee (2019)
2. Chair, New York State Physical Therapy Association's Research Committee (2018 to 2019); Member, New York State Physical Therapy Association's Research Committee (2015 to 2017)
3. Reviewer, International Federation of Orthopaedic Manipulative Physical Therapist's Symposia and Abstracts (2015 to present)
4. Senior Reviewer, Physical Therapy Journal (2012)
5. Content Editor, Screening for Medical Conditions and Adverse Drug Reactions by Bradley Stockert, PT, PhD, GSC Home Study Courses (2012)
6. Editorial Board Member, Journal of Novel Physiotherapies (2011 to present)
7. Member, Research Committee, American Academy of Orthopedic Manual Physical Therapists (2009 to present)
8. Member, Academy of Orthopaedic Physical Therapy Abstract Review Committee for Combined Sections Meeting (2009 to present)
9. Member, Imaging Educational Interest Group, Orthopedic Section of the American Physical Therapy Association (2009 to present)
10. Associate Editor, Journal of Orthopaedic and Sports Physical Therapy (2008 to 2015)  
- Editor, Musculoskeletal Imaging feature (2008 to 2015)
11. Member, Specialty Academy of Content Experts for American Board of Physical Therapy Specialties (January 2008 to December 2009)
12. Interviewer, U.S. Air Force Physical Therapy New Accessions (2006 to 2010)
13. Member, Bottom Line Committee, Physical Therapy Journal (2007 to 2010)
14. Member, Editorial Review Board, Journal of Orthopaedic and Sports Physical Therapy (2005 to 2007)
15. U.S. Air Force Air Mobility Command Physical Therapy Consultant to the Office of the Surgeon General (2004 to 2008)
16. Manuscript reviewer  
- SN Comprehensive Clinical Medicine (2019)

- Research Quarterly for Exercise and Sport (2019)
  - Journal of Intellectual Disabilities (2019)
  - Physiotherapy Theory and Practice (2014 to present)
  - Journal of Manual and Manipulative Therapy (2008 to present)
  - Research in Sports Medicine (2008)
  - Spine (2007 to 2010)
  - Perceptual and Motor Skills (2005 to 2007)
  - Psychological Reports (2005)
  - Military Medicine (2005 to 2010)
  - Physical Therapy (2004 to present)
  - Clinical Journal of Pain (2003)
  - Medicine and Science in Sport and Exercise (2002)
  - Journal of Athletic Training (1999)
  - Journal of Orthopaedic and Sports Physical Therapy (1998 to present)
17. U.S. Air Force Surgeon General's Medical Malpractice Expert Reviewer (2002 to 2010)
  18. Editor for Clinical Update Section of U.S. Air Force Physical Therapy Web Site, 2000 to 2004
  19. Article abstracter and book reviewer for Physical Therapy Journal, 1999 to present
  20. Book/software reviewer for Orthopedic Physical Therapy Practice, 1999 to present
  21. Executive Committee Member, Colorado-Wyoming Academy of Science, 1999 to 2001
  22. Member, Editorial Advisory Board, Physical Therapy Products, 1999 to present

## **AWARDS**

1. Recipient of Recognition for Social Responsibility from the Global Health Special Interest Group from the American Physical Therapy Association, February 2017
2. Recipient of the 2015 International Journal of Sports Physical Therapy Achievement of Distinction and Outstanding Case Report Manuscript, February 2015
3. Recipient of Best Research Report Award for the 2013 Pennsylvania Physical Therapy Association Annual Meeting, Seven Springs, PA, October 2013
4. Recipient of Best Case Report Award for the 2013 Pennsylvania Physical Therapy Association Annual Meeting, Seven Springs, PA, October 2013
5. Recipient of the Best Research Poster Presentation Award for the 2012 Texas Physical Therapy Association Annual Meeting, San Antonio, TX, October 2012
6. Recipient of Best Research Report Award for the 2012 Pennsylvania Physical Therapy Association Annual Meeting, Lancaster, PA, October 2012
7. COL David G. Greathouse Excellence in Research Award, US Army-Baylor University Doctoral Program in Physical Therapy, 2012
8. Texas Physical Therapy Association's Outstanding Physical Therapy Assistant Faculty Award, 2010
9. 382 TRS and 882 TRG Field Grade Officer of the Quarter, 1<sup>st</sup> Quarter, 2010
10. Recipient of Daemen College's 2009 Distinguished Alumni Award (Advancement in Career Award)
11. Recipient of California Physical Therapy Association's 2008 Clinician Non-Research Publication Award
12. 60 MDG Outstanding Team of the Quarter, Travis, AFB, CA, 1<sup>st</sup> Quarter, 2008
13. Donahue Annual Research Award, David Grant US Air Force Medical Center, Travis AFB CA, 3<sup>rd</sup> place, Scientific Case Study Publication and Scientific Publication Categories, 2007
14. 60 MSGS Outstanding Team of the Year Award, Travis, AFB, CA, 2006
15. AMC Field Grade Physical Therapist of the Year, 2005
16. Outstanding Performance Award for 2005 Joint Commission on Accreditation of Healthcare Organizations/Health Services Inspection, David Grant US Air Force Medical Center, Travis AFB CA, 2005
17. Research Excellence Award, David Grant US Air Force Medical Center, Travis AFB CA, 2005

18. Col Gary Wasem USAF and AMC Physical Therapy Element of the Year, Travis, AFB, CA, 2005
19. Donahue Annual Research Award, David Grant US Air Force Medical Center, Travis AFB CA, 3<sup>rd</sup> place, Scientific Case Study Poster Category, 2004
20. AMC Field Grade Physical Therapist of the Year, 2004
21. Recipient of Outstanding Research Poster Presentation Award for the 2003 California Physical Therapy Association Annual Meeting, Sacramento, CA, October 2003
22. 27 MDG Company Grade Officer of the Quarter, Cannon AFB, NM, 1<sup>st</sup> Quarter, 2002
23. USAF Meritorious Service Medal with Two Oak Leaf Clusters
24. Outstanding U.S. Air Force Academy Educator in Biology Award, April 2001
25. U.S. Air Force Academy Department of Biology Research Excellence Award, April 2000
26. 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, April 2000
27. USAFA Basic Sciences Company Grade Officer of the Year, 1999; USAFA Dean of the Faculty Company Grade Officer of the Quarter, 1<sup>st</sup> Quarter, 1999
28. AFMC Company Grade Officer Physical Therapist of the Year, 1997
29. USAFE Company Grade Officer Physical Therapist of the Year, 1996
30. 39 MDG, 39 MDOS Company Grade Officer of the Year, 1995
31. USAF, AFMC Company Grade Officer Physical Therapist of the Year, 1994
32. USAF Commendation Medal with Two Oak Leaf Clusters
33. USAF Achievement Medal

## **PROFESSIONAL MILITARY SERVICE AND EDUCATION**

1. Retired, United States Air Force, Biomedical Science Corps, Rank Achieved: Lieutenant Colonel, 1992-2012
2. USAF Air Command and Staff College, Maxwell AFB, AL, 2009
3. USAF Squadron Officer's School, Maxwell AFB, AL, 1998
4. USAF Lieutenant's Professional Development Program, Wright-Patterson AFB, OH, 1994
5. USAF Military Indoctrination for Medical Service Officers, Lackland AFB, TX, 1992

## **PROFESSIONAL MEMBERSHIPS**

1. American Physical Therapy Association: 1991 to present
2. Association of Military Surgeons of the United States - Society of Federal Health Professionals: 2017 to present
3. American Academy of Orthopedic Manual Physical Therapists: 2018 - present

## **LICENSURE**

1. **STATE:** New York **NUMBER:** 038568 **DATE:** 30 June 2020

## **CERTIFICATIONS**

1. Board Certified Clinical Specialist in Orthopaedic Physical Therapy - American Board of Physical Therapy Specialties, 1998 to present (recertified in 2008 and 2018)
2. Fellow - American Academy of Orthopedic Manual Physical Therapists, 2018 to present

## PEER-REVIEWED PUBLICATIONS

1. 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.
2. 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]
3. 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]
4. 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.
5. 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.000000000000095. [Epub ahead of print]
6. 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.
7. 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.
8. 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.
9. 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]
10. 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]
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. Mabry LM, Ross MD, Tall MA, Kundu E. Neurologic decline following acute vertebral collapse in a patient with cervical osteomyelitis. *Open Journal of Clinical and Medical Case Reports*. 1113;2016.

17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. Thelen MD, Ross MD, Tall MA. Cervical myelopathy: diagnosing another great impostor. *US Army Medical Department Journal*. Apr-Jun:31-38;2014.
24. 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.
25. Mabry LM, Ross MD, Tall MA. Impaction fracture of the medial femoral condyle. *Journal of Orthopaedic and Sports Physical Therapy*. 43:512;2013.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. Tonarelli J, Mabry L, Ross MD. Diagnostic imaging of an Achilles tendon rupture. *Journal of Orthopaedic and Sports Physical Therapy*. 41:904;2011.
32. 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.
33. 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.
34. 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.
35. 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.
36. Ross MD, Boissonnault WG. Red flags: to screen or not to screen? *Journal of Orthopaedic and Sports Physical Therapy*. 40:682-684;2010.
37. Mabry LM, Ross MD, Tall MA. Insufficiency fracture of the pubic rami. *Journal of Orthopaedic and Sports Physical Therapy*. 40:666;2010.
38. Mabry LM, Ross MD, Tall MA. Diagnostic imaging following cervical spine injury. *Journal of Orthopaedic and Sports Physical Therapy*. 40:189;2010.
39. Young BA, Ross MD. Neck pain and headaches in a patient after a fall. *Journal of Orthopaedic and Sports Physical Therapy*. 39:418;2009.

40. Blake CG, Ross MD. Femoral neck fracture in a military trainee. *Journal of Orthopaedic and Sports Physical Therapy*. 38:578;2008.
41. 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.
42. Ross MD, Elliott RL. Thoracic spine compression fracture in a patient with back pain. *Journal of Orthopaedic and Sports Physical Therapy*. 38:214;2008.
43. 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.
44. 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.
45. 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.
46. Ross MD. Preventing low back pain with education and the prone press-up exercise. *Strength and Conditioning Journal*. 29(6):78-80;2007.
47. 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.
48. 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.
49. 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.
50. Ross M. 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.
51. Ross MD. Physical therapy and changes in disability for patients with low back pain. *Military Medicine*. 167:662-665;2002.
52. 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.
53. 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.
54. 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.
55. Ross MD. Gastrocnemius and soleus muscle stretching for athletes with plantar fasciitis. *Strength and Conditioning Journal*. 24(6):71-72;2002.
56. Ross MD. Addressing calf muscle weakness following anterior cruciate ligament reconstruction. *Strength and Conditioning Journal*. 24(1):71-72;2002.
57. 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.
58. Ross MD, Denegar CR. Effect of exercise on bone mineral density in postmenopausal women. *Strength and Conditioning Journal*. 23(4):30-35;2001.
59. Ross M, Southard T. Modifying quadriceps strengthening exercises in anterior cruciate ligament deficient athletes. *Strength and Conditioning Journal*. 23(4):58-60;2001.
60. 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.
61. Ross M, Fontenot E. Test-retest reliability of the standing heel-rise test. *Journal of Sport Rehabilitation*. 9(2):117-123;2000.

62. 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.
63. Ross M. Hamstring injury in a male collegiate sprinter. *Athletic Therapy Today*. 5(4):42-43;2000.
64. 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.
65. Ross M. Stretching the hip flexor muscles. *Strength and Conditioning Journal*. 21(3):71-72;1999.
66. Ross M. The treatment of low back pain in a middle-aged recreational athlete. *Athletic Therapy Today*. 4(2):22-23;1999.
67. 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.
68. Ross M. Delayed onset muscle soreness: Work out now, pay later? *The Physician and Sportsmedicine*. 27(1):107-108;1999.
69. Ross M. Effect of lower extremity position and stretching on hamstring muscle flexibility. *Journal of Strength and Conditioning Research*. 13(2):124-129;1999.
70. 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.
71. Ross M. The use of closed kinetic chain functional tests in determining functional performance levels. *Strength and Conditioning*. 19(5):66-69;1997.
72. Ross M. The efficacy of manipulation and back school in the treatment of low back pain. *Physiotherapy*. 83(4):181-183;1997.
73. 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.
74. Ross M. Strengthening the hip abductors. *The Physician and Sportsmedicine*. 24(1):109;1996.
75. Ross M. Stretching the hamstrings. *Strength and Conditioning*. 17(6):35-36;1995.

## INVITED/OTHER PUBLICATIONS

1. 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.
2. Saviola K, Coleman T, Ross M, Schenk R. Cervicogenic dizziness post-concussion: a case report. *Orthopaedic Physical Therapy Practice*. 28(4);238-243;2016.
3. Ross MD, Fink ML, Mabry LM, Tonarelli JM, Tall MA. "Diagnostic imaging in sports physical therapy." Sports Section of the American Physical Therapy Association's Home Study Course, 2016.
4. Ross MD, Greene KA. "Slipped capital femoral epiphysis" in *Physical Therapy Case Files: Orthopedics*, 2013.
5. Greene KA, Ross MD. Requested response to letter to the editor, *Journal of Orthopaedic and Sports Physical Therapy*, 38:161;2008, for "Slipped capital femoral epiphysis in a patient referred to physical therapy for knee pain." *Journal of Orthopaedic and Sports Physical Therapy*. 38:26;2008.
6. Ross MD. Using pain patterns. *The Physician and Sportsmedicine*. 30:46;2002.
7. Ross M, Chock K. Isometric hip muscle strength of subjects with residual symptoms following inversion ankle sprain. *Physical Therapy Products*. May/June:62-65;2001.
8. Ross M, Dahlke B. Lower extremity performance following hamstring injury in collegiate male track and field athletes. *Physical Therapy Products*. May/June:13-16;2000.
9. Ross M. Requested response to letter to the editor, *The Physician and Sportsmedicine*, 27(4):114;1999, for "Delayed onset muscle soreness: Work out now, pay later?"
10. Contributor for *Lower Extremity Functional Profile* by Gray G. Adrian MI, Wynn Marketing, Inc. 1995.

## PLATFORM AND POSTER PRESENTATIONS AT SCIENTIFIC MEETINGS

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. Szydlowski G, O'Neil J, Mrowczynski J, Ross MD (Szydlowski). Electroskip™ auditory biofeedback in a patient with Parkinson's disease: a case report. Poster presentation for the Combined Sections Meeting, Washington, DC, Jan 2019.
7. 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.
8. 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.
9. 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.
10. Bayer E, Elliott R, Bang M, Ross MD (Bayer). Atlantoaxial instability in a patient with neck pain and rheumatoid arthritis. Poster presentation at the Combined Sections Meeting, New Orleans, LA, Feb 18.
11. 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.
12. 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.
13. 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.
14. Szydlowski 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.
15. 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.
16. 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.

17. 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.
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 2017 New York State Physical Therapy Association Annual Meeting, Albany, NY, Oct 2017.
19. Ross MD, Adams K, Engle K, Enser T, Muehleman 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.
20. 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.
21. 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.
22. 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.
23. 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, Oct 2015.
24. 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. Poster presentation at the Combined Sections Meeting, Indianapolis IN, Feb 15.
25. 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. Poster presentation at the Combined Sections Meeting, Indianapolis IN, Feb 15.
26. 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. Platform presentation at the Combined Sections Meeting, Indianapolis, IN, Feb 15.
27. 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. Poster presentation at the Combined Sections Meeting, Indianapolis, IN, Feb 15.
28. 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. Poster presentation at the Combined Sections Meeting, Indianapolis, IN, Feb 15.
29. 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. Poster presentation at the Combined Sections Meeting, Indianapolis, IN, Feb 15.
30. 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. Poster presentation at the Combined Sections Meeting, Indianapolis IN, Feb 15.
31. 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. Poster presentation at the Combined Sections Meeting, Indianapolis, IN, Feb 15.
32. 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. Poster presentation at the Combined Sections Meeting, Indianapolis, IN, Feb 15.

33. 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, Apr 14.
34. 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, Feb 2014.
35. 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, Feb 2014.
36. 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, Feb 2014.
37. 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, Feb 2014.
38. 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. Poster presentation at the Combined Sections Meeting in Las Vegas, NV, Feb 2014.
39. 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, Oct 2013.
40. 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, Oct 2013.
41. 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, Oct 13.
42. Rodeghero JR, Denninger TR, Ross MD (Ross). 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, Jun 2013.
43. 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.
44. 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.
45. 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, Jan 2013.
46. 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, Jan 2013.
47. 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.
48. 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, Jan 2013.
49. 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, Oct 2012.
50. 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 Oct 2012.
51. 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 Oct 2012.
52. 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 Oct 2012.
53. 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, Feb 2012.
54. 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, Feb 2012.
55. 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, Nov 2011.
56. 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, Nov 2011.
57. 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, Oct 2011.
58. 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, Oct 2011.
59. 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, Oct 2011.
60. 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, Oct 2011.
61. Ross MD, Childs JD, Middel C, Kujawa J, Brown D, Corrigan M, Parsons N (Brown). 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, Sep 2011.
62. 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, Jun 2011.
63. 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, Jun 2011.
64. 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, Feb 2011.
  65. 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, Feb 2011.
  66. 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, Oct 2010.
  67. 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, Oct 2010.
  68. 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, Oct 10.
  69. 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, Oct 10.
  70. 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, Sep 10.
  71. Ross MD, Lyons CL, Elliott RL (Ross). 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, Feb 10.
  72. 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, Feb 10.
  73. 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, Oct 09.
  74. 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, Oct 08.
  75. Cotton R, Hoover D, Killian C, Ross M. The prediction of functional outcomes in patients with shoulder pathology. 2008 California Physical Therapy Association Annual Meeting, Oakland, CA, Sep 08.
  76. 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, Sep 08.
  77. 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, Feb 08.
  78. 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 08.
  79. 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, Feb 08.

80. Ross MD. 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, Jun 07.
81. 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, Feb 07.
82. 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, Oct 06.
83. 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, Oct 06.
84. 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, Oct 06.
85. 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, Oct 06.
86. 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, Feb 06.
87. 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, Feb 06.
88. 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, Jun 04.
89. Elliott RL, Ross MD, Greene KA, Bang MD (Elliott). Progressive cervical myelopathy: Three case reports describing differential diagnosis and management. Physical Therapy 2004: The Annual Conference and Exposition of the American Physical Therapy Association Chicago, IL, Jun 04.
90. 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, Oct 03.
91. 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, Oct 03.
92. 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, Oct 03.
93. 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, Oct 03.
94. 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, Oct 03.
95. 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, Jun 02.

96. 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, Apr 2001.
97. 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, Apr 2001.
98. 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.
99. 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, Feb 01.
100. Maher L, Ross M (Maher). 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, Apr 2000.
101. 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, Apr 2000.
102. 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, Jun 00.
103. 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, Jun 00.
104. Ross MD. Physical therapy and functional outcomes for patients with low back pain. American Physical Therapy Association's Combined Section Meeting, Seattle, WA, Feb 99.
105. 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, Feb 99.
106. Ross MD, Segner HA (Ross). Effects of physical therapy on functional capacities in individuals with low back pain. Physical Therapy '98 Scientific Meeting & Exposition of the American Physical Therapy Association, Orlando, FL.
107. 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, Feb 97.
108. Ross M, Worrell T (Ross). Thigh and calf girth following knee injury and surgery. American Physical Therapy Association's Combined Section Meeting, Dallas, TX, Feb 97.
109. Ross M. Effect of lower extremity position and stretching on hamstring muscle flexibility. American Physical Therapy Association's Combined Section Meeting, Atlanta, GA, Feb 96.
110. 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, Feb 96.

## **INVITED PROFESSIONAL PRESENTATIONS**

1. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (10 CEUs), Houston, TX, November 19.
2. Implementing Clinical Practice Guidelines in Physical Therapy Practice (4 CEUs), Scranton, PA, October 19.
3. Evidence Based Practice: Evaluating the Accuracy of Diagnostic Tests for Differential Diagnosis (6 CEUs), Scranton, PA, August 19.
4. Ross MD. Diagnostic Challenges Associated with Evaluating Patients with Dizziness and Balance Disorders (0.5 CEU), Buffalo, NY, April 19.

5. Ross MD. Medical Screening and Differential Diagnosis in Physical Therapy Practice (16 CEUs), Logan, UT, March 19.
6. Ross MD. Medical Screening and Referral In Older Adults with Balance Disorders (1 CEU), Buffalo, NY, March 19.
7. Ross MD. Are We Lowering the Red Flags Too Soon? Medical Screening in Physical Therapy Practice (16 CEUs), Vallejo, CA, January 19.
8. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (16 CEUs), Fargo, ND, Oct 18.
9. Implementing Clinical Practice Guidelines in Physical Therapy Practice (4 CEUs), Scranton, PA, Oct 18.
10. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (16 CEUs), Wichita, KS, Sep 18.
11. Evaluating the Accuracy of Diagnostic Tests for Differential Diagnosis (2 CEUs), Scranton, PA, Aug 18.
12. Examination and Intervention of Lumbopelvic Disorders (1 CEU), Buffalo, NY, Apr 18.
13. Differential Diagnosis of Orthopaedic Physical Therapy (16 CEUs), Indianapolis, IN, Apr 18.
14. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (3 CEUs), Asuza Pacific University, Asuza, CA, March 18.
15. Do's and Don'ts about Research from Novice to Expert. New York League for Nursing Spring Conference (1 CEU), Buffalo, NY, Mar 18.
16. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (10 CEUs), Pittsburgh, PA, Mar 18.
17. Acute Care Physical Therapist Practice: Current Trends and What's on the Horizon (2 CEUs). 2018 Combined Sections Meeting, New Orleans, LA, Feb 18.
18. Screening for Visceral Pathology in Patients with Low Back Pain: When is Medical Referral Necessary and Evidence-Based Concepts of Musculoskeletal Imaging for the Upper and Lower Extremity in Physical Therapy Practice (1.5 CEUs), Buffalo, NY, Nov 17.
19. Evaluating the Accuracy of Diagnostic Tests for Differential Diagnosis (2 CEUs), Scranton, PA, Aug 17.
20. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (3 CEUs), Asuza Pacific University, Asuza, CA, June 17.
21. Medical Screening and Pharmacology in Geriatric Physical Therapist Practice (1.0 CEUs), Buffalo, NY, Apr 17.
22. Differential Diagnosis of Orthopaedic Physical Therapy (16 CEUs), Indianapolis, IN, Apr 17.
23. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (16 CEUs), Vallejo, CA, Jan 17.
24. Pharmacology for Physical Therapists (8 CEUs), Bethlehem, PA, Oct 16.
25. Evidence-based Analysis of Interventions in Pediatric Physical Therapist Practice (8 CEUs), Provo, UT, Sep 16.
26. Evaluating the Accuracy of Diagnostic Tests (2 CEUs). Scranton, PA, Aug 16.
27. Pain: Differentiating Mechanical from Non-Mechanical Presentations (1 CEU). 2016 New York Physical Therapy Association Student Regional Conclave, D'Youville College, Buffalo, NY, Sep 16.
28. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (3 CEUs), Asuza Pacific University, Asuza, CA, June 16.
29. Differential Diagnosis and Screening for Medical Referral: The "Do Not Want to Miss List" of Serious Medical Conditions, (4 CEUs), Buffalo, NY, Apr 16.
30. Differential Diagnosis and Screening for Medical Referral: The "Do Not Want to Miss List" of Serious Medical Conditions, (4 CEUs), Scranton, PA, Apr 16.
31. Differential Diagnosis of Orthopaedic Physical Therapy (16 CEUs), Indianapolis, IN, Feb 16
32. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (15 CEUs). Knoxville, TN, Nov 15.

33. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (8 CEUs). Milwaukee, WI, Oct 15.
34. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (8 CEUs). Oconomowoc, WI, Oct 15.
35. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (5 CEUs). Asuza Pacific University, Asuza, CA, Aug 15.
36. Diagnostic Imaging for Physical Therapists (4 CEUs), Buffalo, NY, May 15.
37. Diagnostic Imaging for Physical Therapists (8 CEUs), Bethlehem, PA, Feb 15.
38. Cervicothoracic-Shoulder Contributions to Upper Extremity Symptoms (2 CEUs). 2015 Combined Sections Meeting, Indianapolis IN, Feb 15.
39. Early Intervention models: Successfully transform your practice (2 CEUs). 2015 Combined Sections Meeting, Indianapolis IN, Feb 15.
40. Transforming practice: prevention and health, wellness, and fitness programs (2 CEUs). 2015 Combined Sections Meeting, Indianapolis IN, Feb 15.
41. Essentials of Medical Screening and Differential Diagnosis in Physical Therapy Practice (16 CEUs), Palo Alto, CA, Jan 15.
42. Diagnostic Imaging Use in Differential Diagnosis for Common Rheumatic and Musculoskeletal Conditions (3 CEUs), American College of Rheumatology's Annual Meeting, Boston MA, Nov 14.
43. Diagnostic Imaging for Physical Therapists (8 CEUs), University of Scranton, Scranton, PA, Oct 14.
44. Medical screening for physical therapists (2 CEUs). Misericordia University, Dallas PA, Sep 14.
45. Clinical Pattern Recognition of Head, Neck, and Shoulder Red Flags: Perspectives from Major League Baseball, the U.S. Military, and Collegiate Athletics (0.2 CEUs). 2014 Combined Sections Meeting, Las Vegas, NV, Feb 14.
46. Diagnostic and Procedural Imaging in Physical Therapist Education (0.1 CEU). 2014 Combined Sections Meeting, Las Vegas, NV, Feb 14.
47. Diagnostic Imaging for Physical Therapists (0.4 CEUs), University of Scranton, Scranton, PA, Dec 13.
48. Defining Value in Physical Therapy - The Case for Early Physical Therapist Intervention: Matching the Evidence with Practice Integrity and Patient Expectations (0.1 CEU). American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Cincinnati, OH, Oct 13.
49. Diagnostic Imaging in Physical Therapist Practice (0.7 CEUs). Desert States Physical Therapy Network, Albuquerque, NM, Sep 13.
50. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (0.5 CEUs). Asuza Pacific University, Asuza, CA, Aug 13.
51. Diagnostic Imaging for Physical Therapists (0.1 CEU). Northeast Section of the Pennsylvania Physical Therapy Association, Scranton, PA, Apr 13.
52. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (0.5 CEUs). Asuza Pacific University, Asuza, CA, Aug 12.
53. Diagnostic imaging, medical screening, medical laboratory evaluation, and pharmacology for physical therapists (1.6 CEUs). The U.S. Air Force Advanced Physical Therapy Course. San Antonio, TX, Apr 12.
54. Effective Integration of Diagnostic Imaging into Physical Therapist Practice (0.2 CEUs). 2012 Combined Sections Meeting, Chicago, IL, Feb 12.
55. Integration of Diagnostic Imaging into Physical Therapist Practice (1.5 CEUs). Northern Arizona University, Flagstaff, AZ, Aug 2011.
56. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (0.5 CEUs). Asuza Pacific University, Asuza, CA, Aug 11.
57. Integration of Diagnostic Imaging into Physical Therapist Practice (1.2 CEUs). Georgetown University Medical Center, Washington, DC, Jul 2011.

58. Integration of Diagnostic Imaging into Physical Therapist Practice. Physical Therapy 2011: The Annual Conference and Exposition of the American Physical Therapy Association, National Harbor, MD, Jun 11.
59. The Relationship Between Functional Levels and Fear-Avoidance Beliefs Following Anterior Cruciate Ligament Reconstruction and Air Force Physical Medicine Training Program Update. U.S. Air Force Physical and Occupational Therapy Management Symposium, Washington, DC, Jun 11.
60. Diagnostic imaging, medical screening, medical laboratory evaluation, and pharmacology for physical therapists (2.0 CEUs). The U.S. Air Force Advanced Physical Therapy Course. Lackland AFB, TX, Apr 11.
61. Integrating the American College of Radiology Appropriateness Criteria® for Musculoskeletal Conditions in Physical Therapy Practice (0.1 CEUs). 2011 Combined Sections Meeting, New Orleans, LA, Feb 11.
62. Screening for Medical Conditions that May Present as Acute Low Back Pain: Are We Lowering the Red Flags Too Soon (0.1 CEUs)? American Academy of Orthopedic Manual Physical Therapists Annual Meeting, San Antonio, TX, Oct 10.
63. Medical screening for physical therapists. Col Douglas A. Kersey U.S. Army Advanced Clinical and Operational Physical Therapy Practice Course (1.2 CEUs). Fort Sam Houston, TX, Oct 10.
64. Diagnostic Imaging in Orthopedic Physical Therapy (0.8 CEUs). Oakland, CA, Oct 10.
65. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (0.5 CEUs). Asuza Pacific University, Asuza, CA, Aug 10.
66. Diagnostic imaging, medical screening, medical laboratory evaluation, and pharmacology for physical therapists (2.0 CEUs). The U.S. Air Force Advanced Physical Therapy Course. Lackland AFB, TX, Apr 10.
67. Medical Legal Review and Advanced Educational Opportunities for Air Force Physical Therapists (0.1 CEUs). U.S. Air Force Physical and Occupational Therapy Management Symposium, San Diego, CA, Feb 10.
68. Diagnostic imaging and medical screening for physical therapists. Col Douglas A. Kersey U.S. Army Advanced Clinical and Operational Physical Therapy Practice Course (1.6 CEUs). Fort Sam Houston, TX, Oct 09.
69. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (0.5 CEUs). Asuza Pacific University, Asuza, CA, Jul 09.
70. Diagnostic Imaging Focusing on the Lower Extremities (webinar) (0.1 CEUs). U.S. Air Force, Sheppard AFB, TX, Jun 09.
71. Diagnostic Imaging in Orthopedic Physical Therapy (.7 CEUs). Spring Meeting for the Arkansas Physical Therapy Association, Little Rock, AK, Apr 09.
72. Diagnostic imaging, medical screening, medical laboratory evaluation, and pharmacology for physical therapists (2.0 CEUs). The U.S. Air Force Advanced Physical Therapy Course. Lackland AFB, TX, Apr 09.
73. Diagnostic Imaging Focusing on the Nervous System (webinar) (0.2 CEUs). California Physical Therapy Association, Mar 09.
74. Diagnostic Imaging Focusing on the Spine (webinar) (0.1 CEUs). U.S. Air Force, Sheppard AFB, TX, Apr 09.
75. Medical Legal Review and Advanced Educational Opportunities for Air Force Physical Therapists (0.1 CEUs). U.S. Air Force Physical and Occupational Therapy Management Symposium, Nellis AFB, NV, Feb 09.
76. Incorporating Musculoskeletal Imaging to Enhance Your Physical Therapy Practice (0.1 CEUs). American Physical Therapy Association's Combined Section Meeting, Las Vegas, NV, Feb 09.
77. Screening for Medical Conditions that May Present as Musculoskeletal Conditions in Physical Therapy Practice (0.15 CEUs). American Physical Therapy Association's Combined Section Meeting, Las Vegas, NV, Feb 09.
78. You Don't Know What You Don't Know! How to Utilize Evidence Based Patient

- Reported Outcome Measures to Improve Care and Market Your Practice (0.1 CEUs). American Physical Therapy Association's Combined Section Meeting, Las Vegas, NV, Feb 09.
79. Diagnostic Imaging Focusing on the Upper Extremities (webinar) (0.1 CEUs). U.S. Air Force, Sheppard AFB, TX, Jan 09.
  80. Diagnostic imaging and medical screening for physical therapists. Col Douglas A. Kersey U.S. Army Advanced Clinical and Operational Physical Therapy Practice Course (1.2 CEUs). Fort Sam Houston, TX, Oct 08.
  81. Essentials of Medical Screening in Physical Therapy Practice (1.5 CEUs). Greenville, SC, Sep 08.
  82. Diagnostic Imaging in Orthopedic Physical Therapy (webinar) (0.5 CEUs). Asuza Pacific University, Asuza, CA, Jul 08.
  83. Diagnostic Imaging Focusing on the Spine (webinar) (0.2 CEUs). California Physical Therapy Association, Jul 08.
  84. Medical Legal Review, Diagnostic Imaging and Medical Screening for Physical Therapists (0.3 CEUs). U.S. Air Force Physical and Occupational Therapy Management Symposium, San Antonio, TX, Jun 08.
  85. Diagnostic Imaging Focusing on the Extremities (webinar) (0.2 CEUs). California Physical Therapy Association, Jun 08.
  86. Diagnostic Imaging in Orthopedic Physical Therapy (0.75 CEUs). Samuel Merritt College, Oakland, CA, Apr 08.
  87. Diagnostic imaging and medical screening for physical therapists (1.2 CEUs). The U.S. Air Force Advanced Physical Therapy Course. Lackland AFB, TX, Mar 08.
  88. Diagnostic imaging and medical screening for physical therapists. Col Douglas A. Kersey U.S. Army Advanced Clinical and Operational Physical Therapy Practice Course (1.2 CEUs). Fort Sam Houston, TX, Sep 07.
  89. Serious underlying medical conditions causing neck pain: clinical presentation, differential diagnosis, and management. Physical Therapy 2007: The Annual Conference and Exposition of the American Physical Therapy Association, Denver CO, Jun 07.
  90. Diagnostic imaging for physical therapists (0.6 CEUs). California State University, Sacramento. Sacramento, CA, May 07.
  91. Differential diagnosis for the physical therapist (1.2 CEUs). The U.S. Air Force Advanced Physical Therapy Course. Lackland AFB, TX, Mar 07.
  92. Conventional radiography and medical screening for physical therapists. Col Douglas A. Kersey U.S. Army Advanced Clinical and Operational Physical Therapy Practice Course (1.1 CEUs). Fort Sam Houston, TX, Sep 06.
  93. Diagnostic imaging for physical therapists (0.6 CEUs). California State University, Sacramento. Sacramento, CA, Apr 06.
  94. Differential diagnosis for the physical therapist (1.2 CEUs). The U.S. Air Force Advanced Physical Therapy Course. Lackland AFB, TX, Feb 06.
  95. Conventional radiography and medical screening for physical therapists. Col Douglas A. Kersey U.S. Army Advanced Clinical and Operational Physical Therapy Practice Course (1.2 CEUs). Fort Sam Houston, TX, Oct 05.
  96. Foundations of Radiology for Physical Therapists, Santa Clara, CA, Aug 05, 0.6 CEUs
  97. Developing and implementing a physical therapy fellowship in orthopedic manual therapy and musculoskeletal primary care. U.S. Air Force Physical and Occupational Therapy Management Symposium. Sheppard AFB, TX, May 05.
  98. Progressive cervical myelopathy: Two case reports describing clinical history, differential diagnosis, and management. U.S. Air Force Physical and Occupational Therapy Management Symposium. Sheppard AFB, TX, May 05.
  99. Differential diagnosis for the physical therapist (1.4 CEUs). The U.S. Air Force Advanced Physical Therapy Course. Lackland AFB, TX, May 05.

100. Diagnostic imaging for physical therapists (0.6 CEUs). California State University, Sacramento. Sacramento, CA, Dec 04.
101. Conventional radiography and medical screening for physical therapists. Col Douglas A. Kersey U.S. Army Advanced Clinical and Operational Physical Therapy Practice Course (1.2 CEUs). Fort Sam Houston, TX, Oct 04.
102. Cervical spondylotic myelopathy: pathophysiology, clinical presentation, differential diagnosis, and management (0.3 CEUs). Physical Therapy 2004: The Annual Conference and Exposition of the American Physical Therapy Association, Chicago, IL, Jun 04.
103. Cervical spine: differential diagnosis. Knowledge network at Physical Therapy 2004: The Annual Conference and Exposition of the American Physical Therapy Association, Chicago, IL, Jun 04.
104. Effects of physical therapy on functional capacities in individuals with low back pain. Physical and Occupational Therapy Management Symposium by 882d Training Group, Sheppard AFB, TX, Jun 98.
105. Biomechanics of the musculoskeletal system. United States Air Force Academy, CO, Feb 98.
106. Clinical evaluation and treatment of the lower extremity kinetic chain prior to and following ACL reconstruction (0.13 CEUs). Physical Therapy '97 Scientific Meeting & Exposition of the American Physical Therapy Association, San Diego, CA, May 97.
107. Thigh and calf girth following knee injury and surgery. Physical and Occupational Therapy Management Symposium by 882d Training Group, Sheppard AFB, TX, Apr 97.
108. The clinical evaluation and treatment of anterior cruciate ligament injuries. Physical and Occupational Therapy Management Symposium by 882d Training Group, Sheppard AFB, TX, Apr 95.
109. Ankle '94: Sports Medicine Seminar, Wright-Patterson AFB, OH, Feb 94.
110. Knee '93: Sports Medicine Seminar, Wright-Patterson AFB, OH, May 93.

## **CONTINUING MEDICAL EDUCATION**

1. Pain Neuroscience Education: An Anecdotal & Evidence Based Clinical Approach, Buffalo, NY, Sep 19, 0.3 CEUs.
2. American Physical Therapy Association's Combined Section Meeting, Washington, DC, Jan 19, 2.0 CEUs.
3. Evidence-Based Practice Clinical Symposium, Buffalo, NY, Dec 18, 0.6 CEUs.
4. An Update on TMJ Dysfunction, Buffalo, NY, Nov 18, 0.2 CEUs.
5. Pharmacology for Physical Therapists, Buffalo, NY, Oct 18, 0.8 CEUs.
6. American Physical Therapy Association's Combined Section Meeting, New Orleans, LA, Feb 18, 2.0 CEUs.
7. Evidence-Based Practice Clinical Symposium, Buffalo, NY, Dec 17, 0.4 CEUs.
8. New York Physical Therapy Association Annual Meeting, Albany, NY, Oct 2017, 1.4 CEUs.
9. Cardiac Health: Plant-Based Nutrition For The Prevention and Reversal of Cardiac Disease, Buffalo, NY, Mar 17, 0.3 CEUs
10. Neuroplasticity: Retraining the Brain from Stroke to Concussion & Beyond, Buffalo, NY, Mar 17, 0.15 CEUs
11. The Link Between the Physical Therapist and the Registered Dietician, Buffalo, NY, Mar 17, 0.15 CEUs
12. American Physical Therapy Association's Combined Section Meeting, San Antonio, TX, Feb 17, 2.0 CEUs.
13. Evidence-Based Practice Clinical Symposium, Buffalo, NY, Dec 16, 0.4 CEUs.
14. Fall Prevention Update, Buffalo, NY, Nov 15, 0.2 CEUs
15. An Update on Concussion, Buffalo, NY, Mar 16, 0.35 CEUs.
16. Evidence-Based Practice Clinical Symposium, Buffalo, NY, Dec 15, 0.4 CEUs.
17. Living Wills and Health Care Proxies: the Law in NY State Today, Buffalo, NY, Nov 15, 0.2 CEUs.
18. Pharmacology for Physical Therapists, Buffalo, NY, Oct 15, 0.8 CEUs.

19. Commission on Accreditation in Physical Therapy Education Workshop, Baltimore, MD, Oct 15.
20. American Physical Therapy Association's Combined Section Meeting, Indianapolis, IN, Feb 15, 2.0 CEUs.
21. Catholic Health Sports Medicine Update, Buffalo, NY, Aug 14, 0.35 CEUs.
22. American Physical Therapy Association's Combined Section Meeting, Las Vegas, NV, Feb 14, 2.0 CEUs.
23. Pennsylvania Physical Therapy Association Annual Meeting, Seven Springs, PA, Oct 2013, 1.4 CEUs.
24. American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Cincinnati, OH, Oct 12, 1.7 CEUs.
25. Physical Therapy 2013: The Annual Conference and Exposition of the American Physical Therapy Association, Salt Lake City, UT, Jun 13, 2.0 CEUs.
26. American Physical Therapy Association's Combined Section Meeting, San Diego, CA, Feb 13, 2.0 CEUs.
27. Pennsylvania Physical Therapy Association Annual Meeting, Lancaster, PA, Oct 2012.
28. American Physical Therapy Association's Combined Section Meeting, Chicago, IL, Feb 12, 2.0 CEUs.
29. U.S. Air Force Physical and Occupational Therapy Management Symposium, San Antonio, TX Feb 12, 1.7 CEUs
30. Physical Therapy 2011: The Annual Conference and Exposition of the American Physical Therapy Association, National Harbor, Jun 11, 2.0 CEUs
31. U.S. Air Force Physical and Occupational Therapy Management Symposium, Washington, DC, Jun 11, 1.7 CEUs
32. Patient Access to Care Management Seminar, Washington, DC, Jun 11, 0.6 CEUs
33. U.S. Air Force Advanced Physical Therapy Course, Lackland AFB, TX, Apr 11, 6.5 CEUs
34. American Physical Therapy Association's Combined Section Meeting, New Orleans, LA, Feb 11, 2.1 CEUs
35. American Academy of Orthopedic Manual Physical Therapists Annual Meeting, San Antonio, TX, Oct 2010, 1.7 CEUs
36. California Physical Therapy Association Annual Meeting, Oakland, CA, Oct 10, 0.8 CEUs
37. Screening for Depression and Suicide. Wichita Falls, TX, May 10, 0.8 CEUs
38. U.S. Air Force Advanced Physical Therapy Course, Lackland AFB, TX, Apr 10, 6.5 CEUs
39. U.S. Air Force Physical and Occupational Therapy Management Symposium, San Diego, CA, Feb 10, 1.7 CEUs
40. American Physical Therapy Association's Combined Section Meeting, San Diego, CA, Feb 10, 2.1 CEUs
41. Examination and Conservative Management of Chronic Foot Disorders, Ft Sam Houston, TX, Oct 09, 1.2 CEUs
42. American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Washington, DC, Oct 09, 1.7 CEUs
43. Physical Medicine Teaching Internship Course (180 hrs), Sheppard AFB, TX, Oct 09
44. U.S. Air Force Advanced Physical Therapy Course, Lackland AFB, TX, Apr 09, 6.5 CEUs
45. Diagnostic Imaging in Physical Therapy, American Physical Therapy Association Home Study Course, Mar 09, 1.5 CEUs
46. U.S. Air Force Physical and Occupational Therapy Management Symposium, Nellis AFB, NV, Feb 09, 1.7 CEUs
47. American Physical Therapy Association's Combined Section Meeting, Las Vegas NV, Feb 09, 2.1 CEUs
48. Air Education and Training Command's Basic Instructor Course (5 wks), Sheppard AFB, TX, Oct 08
49. U.S. Air Force Physical and Occupational Therapy Management Symposium, San Antonio TX, Jun 08, 1.7 CEUs

50. American Physical Therapy Association's Combined Section Meeting, Nashville, TN, Feb 08, 2.1 CEUs
51. Item-Writers Workshop for the American Board of Physical Therapy Specialties, Nashville, TN, 5 Feb 08, 0.55 CEUs.
52. The Management of Knee Osteoarthritis/Osteoporosis Update/Fall Prevention Among the Elderly, Bala Cynwyd, PA, Jan 08, 0.3 CEUs
53. Walnut Creek Sports Medicine Update, Walnut Creek, CA, Oct 07, 1.2 CEUs
54. Examining the Applications and Benefits of Botulinum Neurotoxins in an Occupational and Physical Therapy Environment, Sacramento, CA, Sep 07, 0.2 CEUs
55. Evidence-Based Introduction to Rehabilitative Ultrasound Imaging of the Lumbopelvic Region as an Adjunct to Treatment of Those with Lumbopelvic Disorders, Travis AFB, CA, Jul 07, 1.5 CEUs
56. The Annual Conference and Exposition of the American Physical Therapy Association, Denver CO, Jun 07, 2.4 CEUs
57. U.S. Air Force Advanced Physical Therapy Course, Lackland AFB, TX, Mar 07, 6.5 CEUs
58. The Spine: Mechanical Diagnosis and Treatment – Part A: Lumbar, Sacramento, CA, Mar 07, 2.8 CEUs
59. Mid-Season Knee Symposium, Walnut Creek, CA, Nov 06, 0.6 CEUs
60. California Physical Therapy Association Annual Meeting, San Jose, CA, Oct 03, 0.8 CEUs
61. U.S. Air Force Medical Service Access Improvement Seminar, Travis AFB, CA, Aug 06, 1.7 CEUs
62. Spring Training Shoulder Symposium, Walnut Creek, CA, Apr 06, 0.6 CEUs
63. U.S. Air Force Physical Therapy Spine Course, Travis AFB, CA, Mar 06, 1.8 CEUs
64. U.S. Air Force Advanced Physical Therapy Course, Lackland AFB, TX, Feb 06, 7.0 CEUs
65. American Physical Therapy Association's Combined Section Meeting, San Diego, CA, Feb 06, 2.1 CEUs
66. Foundations of Pharmacology for Physical Therapists, Santa Clara, CA, Aug 05, 0.6 CEUs
67. The Spine: Mechanical Diagnosis and Treatment – Part B: Cervical, Bloomington, IL, Jun 05, 2.8 CEUs
68. U.S. Air Force Physical and Occupational Therapy Management Symposium, Sheppard AFB, TX, May 05, 2.3 CEUs
69. U.S. Air Force Advanced Physical Therapy Course, Lackland AFB, TX, May 05, 7.0 CEUs
70. Examination and Selected Interventions for the Cervical Spine and Shoulder, Fairfield, CA, Apr 05, 1.6 CEUs
71. Assessment of the Lower Quarter: Planning Interventions Using Foot Orthotics and Shoeware, Sacramento, CA, Mar 05, 0.6 CEUs
72. Medical Screening for the Physical Therapist, American Physical Therapy Association Home Study Course, Dec 04, 3.0 CEUs
73. Essential Wound Care Concepts, Fairfield, CA, Oct 04, 0.5 CEUs
74. The Annual Conference and Exposition of the American Physical Therapy Association, Chicago, IL, Jun 04, 2.6 CEUs
75. Radiology for Physical Therapists, Vacaville, CA, Mar 04, 1.2 CEUs
76. California Physical Therapy Association Annual Meeting, Sacramento, CA, Oct 03, 1.6 CEUs
77. A Biomechanical Model for Evaluation and Treatment of the Lumbar Spine and Pelvis, Vallejo, CA, Oct 03, 2.2 CEUs
78. American Academy of Orthopedic Manual Physical Therapists Annual Meeting, Reno, NV, Oct 03, 2.3 CEUs
79. Back Education and Training, San Jose, CA, Jul 03, 2.0 CEUs
80. Patients at Risk for Falls – Quantifying Behaviors and Planning Functional Interventions, Sacramento, CA, Jun 03, 0.7 CEUs
81. Advances in Examination and Treatment of the Knee, Sacramento, CA, Feb 03, 1.4 CEUs
82. Lumbo-pelvic Instability – Diagnosis and Physiotherapy Management from a Motor Learning Perspective, Grass Valley, CA, Sep 02, 2.1 CEUs

83. The Annual Conference and Exposition of the American Physical Therapy Association, Cincinnati, OH, Jun 02, 2.7 CEUs
84. CPT E/M and ICD-9-CM Coding Workshop, Cannon AFB, NM, Oct 01, 0.35 CEUs
85. Assessment and Management of the Post Surgical Shoulder/Management of Athletic Injuries to the Knee/Osteoarthritis and Osteoarthrosis/Back Pain Intervention/Myoskeletal Realignment/ Psychosocial Aspects of Chronic Illness and Disability, Lubbock, TX, Oct 01, 0.6 CEUs
86. An Evidence Based Approach to Lumbopelvic Disorders, Pueblo, CO, Apr 01, 0.7 CEUs
87. American Physical Therapy Association's Combined Section Meeting, San Antonio, TX, Feb 01, 2.4 CEUs
88. Evidence-Based Practice: Application to the Orthopaedic Patient with Low Back Pain, San Antonio, TX, Feb 01, 1.6 CEUs
89. The Annual Conference and Exposition of the American Physical Therapy Association, Indianapolis, IN, Jun 00, 2.6 CEUs
90. American Physical Therapy Association's Combined Section Meeting, Seattle, WA, Feb 99, 2.6 CEUs
91. U.S. Air Force Physical and Occupational Therapy Management Symposium by 882d Training Group, Sheppard AFB, TX, Jun 98, 2.4 CEUs
92. PT '97 Scientific Meeting & Exposition of the American Physical Therapy Association, Orlando, FL, Jun 98, 2.8 CEUs
93. The Spine: Mechanical Diagnosis and Treatment – Part A: Lumbar, Atlanta, GA, Oct 97, 2.8 CEUs
94. Topics in Orthopaedic Physical Therapy Assessment, American Physical Therapy Association Home Study Course, Sep 97, 3.0 CEUs
95. PT '97 Scientific Meeting & Exposition of the American Physical Therapy Association, San Diego, CA, May 97, 2.8 CEU
96. Maitland Lumbar-Pelvic Differentiation, Fort Walton Beach, FL, May 97, 2.25 CEUs
97. U.S. Air Force Physical and Occupational Therapy Management by 882d Training Group, Sheppard AFB, TX, Apr 97, 4.0 CEUs
98. American Physical Therapy Association's Combined Section Meeting, Dallas, TX, Feb 97, 2.8 CEUs
99. American Physical Therapy Association's Combined Section Meeting, Atlanta, GA, Feb 96, 2.5 CEUs
100. Pharmacology, Radiology and Laboratory Values for the Physical Therapist, Atlanta GA, Feb 96, 1.2 CEUs
101. Principles of Ergonomics, Ramstein AB, Germany, Sep 95, 4.0 CEUs
102. Physical and Occupational Therapy Management Symposium by 882d Training Group, Sheppard AFB, TX, Apr 95, 3.75 CEUs
103. Advanced Ergonomics, Columbus OH, Dec 94, 1.8 CEUs
104. The Testing and Rehabilitation of the Lower Extremity Through Exercise, Columbus, OH, Nov 94, 0.8 CEUs
105. Biodex Clinical Workshop: ACL and Shoulder Impingement Rehabilitation, Cincinnati, OH, Oct 94, 0.8 CEUs
106. Shaping the Future of Exercise, Indianapolis, IN, Oct 94, 0.6 CEUs
107. Scapular Reaction, San Antonio, TX, Oct 94, 1.8 CEUs
108. Chain Reaction Plus, Chicago, IL, Sep 94, 2.0 CEUs
109. Ergonomics III: Office Ergonomics and VDT's, Columbus OH, May 94, 0.6 CEUs
110. Ankle '94: Sports Medicine Seminar, Wright-Patterson AFB, OH, Feb 94, 0.4 CEUs
111. Team Reaction, Phoenix, AZ, Nov 93, 2.4 CEUs
112. Medical Exercise Therapy for the Thoracic, Lumbar and Lower Extremity Patient, Lansing, MI, Aug 93, 1.6 CEUs
113. Knee '93: Sports Medicine Seminar, Wright-Patterson AFB, OH, May 93, 0.65 CEUs
114. Chain Reaction, Chicago, IL, Apr 93, 2.0 CEUs
115. Sports Rehabilitation Update, Pittsburgh, PA, Mar 93, 1.4 CEUs

116. Biodex Clinical Workshop: ACL and Shoulder Impingement Rehabilitation, Cincinnati, OH, Feb 93, 0.8 CEUs
117. U.S. Air Force Physical and Occupational Therapy Management Symposium, San Antonio, TX, Oct 92, 3.75 CEUs
118. Ilizarov Method, Dayton, OH, Oct 92, 0.3 CEUs
119. Current Concepts in Wound Care, Dayton, OH, Jun 92, 0.3 CEUs