Paul Mintken, PT, DPT, OCS, FAAOMPT

Mailstop C244, 13121 East 17th Avenue, Aurora, CO 80045

303-724-9101

Doctor of Physical Therapy Program, University of Colorado, Anschutz Medical Campus

**Education**

Regis University Fellowship in Manual Therapy 2006 – 2008

University of Colorado Doctor of Physical Therapy 2003 - 2004

University of Colorado MS in Physical Therapy 1992 - 1994

University of Northern Colorado BA in Kinesiology 1987 - 1991

**Licensure Information/Registration Number**

Colorado #PTL.0004788

**Certification**

[Orthopaedic Clinical Specialist American Board of Physical Therapy Specialists](http://www.abpts.org/Certification/Orthopaedics/), 2004 - Present

**Employment and Positions Held**

University of Colorado Professor 2017 - Present

University of Colorado Associate Professor 2011 - 2017

Regis University Adjunct Faculty 2011 - Present

Fellowship in Manual Therapy

University of Colorado Assistant Professor 2007 - 2011

Evidence in Motion Fellowship Adjunct Faculty 2007 - Present

Program in Manual Therapy

University of Colorado Senior Instructor 2005 - 2007

University of Colorado Assistant Clinical Professor 2001 - 2005

University of Colorado Adjunct Faculty 1997 - 2001

[Wardenburg Health Center](http://www.colorado.edu/health/) , Physical Therapist III and Lead Clinician 1994 - Present

University of Colorado Boulder

Owner, Ground Works Physical Therapy, 1999 - 2007

Private Physical Therapy Practice

Contract Therapist Select Physical Therapy, Denver, CO 1994 - 1996

Scholarly Agenda:  My primary academic interests are developing novel treatment approaches to the conservative management of musculoskeletal conditions, and to use the approaches to improve outcomes and decrease healthcare costs.  My primary research focus has been in the area of manual (hands-on) therapy and direct access to physical therapy services.

**Honors and Awards**

James A. Gould Excellence in Teaching Orthopaedic Physical Therapy Award from the Academy of Orthopedic Physical Therapy and the American Physical Therapy Association 2019.

Keynote Speaker. Middle East Manual Therapy Conference. Cairo, Egypt, 2019

Keynote Speaker. Congreso Fisioterapia. Mexico City, Mexico, 2019

Dick Erhard Outstanding Research Platform Presentation Award from the American Academy of Orthopaedic Manual Physical Therapists Annual Conference, 2018

Regis University School of Physical Therapy’s Professional Achievement Award 2018

D.L. Hart Memorial International Research Award from Focus on Therapeutic Outcomes (FOTO) Inc. 2018

Outstanding Physical Therapist Award for the state of Colorado from the Colorado Chapter of the American Physical Therapy Association 2017

Keynote Speaker. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). 2017.

Fellow in the American Academy of Orthopaedic Manual Physical Therapists, 2008-present

Selected as a member of the [Academy of Medical Educators](http://www.ucdenver.edu/academics/colleges/medicalschool/education/academy/membership/Pages/membership.aspx) 2016 cohort

Outstanding Research Platform Presentation: “Educational Topics.” American Academy of Orthopaedic Manual Physical Therapists Annual Conference, 2016

Outstanding Research Platform Presentation: “Upper Extremity.” American Academy of Orthopaedic Manual Physical Therapists Annual Conference, 2016

[Dorothy Baethke-Eleanor J. Carlin Award for Excellence in Academic Teaching](http://www.apta.org/HonorsAwards/Awards/AcademicTeaching/) from the American Physical Therapy Association (APTA), 2015

[Rose Excellence in Research Award](https://www.orthopt.org/uploads/content_files/Awards/Rose_Excellence_in_Research_Award_2015_criteria.pdf) for the Best Research Article in Orthopaedic Physical Therapy (out of 7 peer reviewed journals), 2014

[Robert L. Stearns Award for Extraordinary Service](http://www.colorado.edu/alumni/events/annual-alumni-awards/robert-l-stearns-award) University of Colorado Boulder Alumni Association, 2014

[Rose Excellence in Research Award](https://www.orthopt.org/uploads/content_files/Awards/Rose_Excellence_in_Research_Award_2015_criteria.pdf) for the Best Research Article in Orthopaedic Physical Therapy (out of 7 peer reviewed journals), 2013

Journal of Orthopaedic and Sports Physical Therapy (JOSPT) Excellence in Research Award for the best research article in *JOSPT* in 2013

Outstanding Research Platform Presentation American Academy of Orthopaedic Manual Physical Therapists Annual Conference, 2013

[Feitelberg Journal Founders' Award](https://aptaeducation.org/awards/index.cfm#8) from the Journal of Physical Therapy Education (co-author), 2012

[Chattanooga Research Award](http://www.apta.org/HonorsAwards/Awards/ChattanoogaResearch/) for best clinical research article published in *Physical Therapy* in 2010, 2011

Bob Doctor Service Award from the Colorado Chapter of the American Physical Therapy Association 2010

Dick Erhard Outstanding Research Platform Presentation American, Academy of Orthopaedic Manual Physical Therapists Annual Conference, 2010

Outstanding Poster Presentation American Academy of Orthopaedic Manual Physical Therapists Annual Conference, 2007

Outstanding Clinical Instructor Award, University of Colorado School of Medicine, 2000

Graduated Magna Cum Laude, University of Colorado Health Sciences Center, 1994

Herbert Levy Humanitarian Award, Physical Therapy Program, University of Colorado School of Medicine, 1994

Peer Academic Achievement Award, University of Northern Colorado, 1991

Graduated Magna Cum Laude, University of Northern Colorado, 1991

Dean’s List University of Northern Colorado, 1987-1991

Departmental Scholar in Kinesiology, University of Northern Colorado, 1990

**Peer Reviewed Publications**

1. Nijs J, Wijma AJ, Willaert W, Huysmans E, Mintken P, Smeets R, Goossens M, van Wilgen CP, Van Bogaert W, Louw A, Cleland JA, Donaldson M. Integrating Motivational Interviewing in Pain Neuroscience Education for People With Chronic Pain: A Practical Guide for Clinicians. *Phys Ther.* 2020;100(5):846-859.
2. McDevitt AW, Snodgrass SJ, Cleland JA, Leibold MBR, Krause LA, Mintken PE. Treatment of individuals with chronic bicipital tendinopathy using dry needling, eccentric-concentric exercise and stretching; a case series. *Physiother Theory Pract.* 2020;36(3):397-407.

1. Hammerich A, Whitman J, Mintken PE, Denninger T, Akuthota V, Sawyer EE, Hofmann M, Childs JD, Cleland JA. Effectiveness of Physical Therapy Combined with Epidural Steroid Injection for Patients with Lumbar Spinal Stenosis: A Randomized Parallel-Group Trial. Epub ahead of print. *Arch Phys Med Rehabil*. 2019;100.
2. Bishop MD, Mintken P, Bialosky JE, Cleland JA. Factors shaping expectations for complete relief from symptoms during rehabilitation for patients with spine pain. *Physiother Theory Pract.* 2019;35(1):70-79.
3. Cook, C, Cleland JA, Mintken PE. Manual Therapy Cures Death: I Think I Read That Somewhere. Editorial. *J Orthop Sports Phys Ther* 2018;48(11).
4. McDevitt AW, Mintken PE, Cleland JA, Bishop MD. Impact of expectations on functional recovery in individuals with chronic shoulder pain. *J Man Manip Ther.* 2018;26(3):136-146.
5. McDevitt AW, Snodgrass SJ, Cleland JA, Leibold MBR, Krause LA, Mintken PE. Treatment of individuals with chronic bicipital tendinopathy using dry needling, eccentric-concentric exercise and stretching; a case series. *Physiother Theory Pract.* 2018:1-11.
6. Mintken PE, Moore J, Flynn TW. Physical Therapists’ Role in Solving the Opioid Epidemic. *J Orthop Sports Phys Ther* 2018;48(5):349–353
7. Mintken PE, Rodeghero J, Cleland JA. Manual therapists - Have you lost that loving feeling?! *J Man Manip Ther.* 2018;26(2):53-54.
8. Karas S, Mintken PE, Brismee JM. We need to debate the value of manipulative therapy and recognize that we do not always understand from what to attribute our success. *J Man Manip Ther.* 2018;26(1):1–2.
9. McDevitt A, Mintken PE, Cleland JA, Bishop M. Impact of Expectations on Functional Recovery in Individuals with Chronic Shoulder Pain. *J Man Manip Ther.* In Press 2018.
10. Sawyer E, McDevitt A, Louw A, Puentedura EJ, Mintken PE. Use of Pain Neuroscience Education, Tactile Discrimination, and Graded Motor Imagery in an Individual with Frozen Shoulder. In Press. *J Orthop Sports Phys Ther*. 2018;48(3):174-184.
11. Bishop MD, Mintken P, Bialosky JE, Cleland JA. Factors shaping expectations for complete relief from symptoms during rehabilitation for patients with spine pain. *Physiother Theory Pract.* 2018:1-10.
12. Mitchell UH, Helgeson K, Mintken P. Physiological effects of physical therapy interventions on lumbar intervertebral discs: A systematic review. *Physiother Theory Pract*. 2017;33:695-705.
13. Louw A, Puentedura EJ, Reese D, Parker P, Miller T, Mintken PE. Immediate Effects of Mirror Therapy in Patients With Shoulder Pain and Decreased Range of Motion. *Arch Phys Med Rehabil*. 2017;98:1941-1947.
14. Mintken PE, McDevitt AW, Michener LA, et al. Examination of the Validity of a Clinical Prediction Rule to Identify Patients With Shoulder Pain Likely to Benefit From Cervicothoracic Manipulation. *J Orthop Sports Phys Ther*. 2017;47:252-260.
15. Akuthota V, Marshall B, Mintken PE, Schenkman M, Kumbhare D. Second-Order Peer Reviews of Clinically Relevant Articles for the Physiatrist: "Early Physical Therapy Vs Usual Care in Patients with Recent-Onset Low Back Pain" (Fritz JM, Magel JS, McFadden M, et al, JAMA 2015): "Physical Therapy May Not Help Acute Lower Back Pain Sufferers". *Am J Phys Med Rehabil*. 2017;96:682-685.
16. Salamh PA, Reiman M, Cleland J, Mintken P, Rodeghero J, Cook CE. Risk Stratification for 4,837 Individuals with Knee Pain Who Receive Physical Therapy Treatment. *Musculoskeletal Care*. 2017;15:122-130.
17. Rodeghero JR, Cleland JA, Mintken PE, Cook CE. Risk stratification of patients with shoulder pain seen in physical therapy practice. *J Eval Clin Pract*. 2017;23:257-263.
18. Mintken PE. Use of Taping to Maintain Centralization in a Patient with Low Back Pain with

Sciatica. *J Spine Care.* 2016;1(1):16-25

1. Canham L, Mintken PE. Large Popliteal Cyst in a Patient with a Complaint of Posteromedial

Knee Pain. *Int J Phys Med Rehabil.* 2016, 4: 356

1. Milligan M, Strickland C, Mintken PE. Rupture of the Common Extensor Origin and Radial

Collateral Ligament. *J Orthop Sports Phys Ther.* 2016;46(1):34.

1. Burns SA, Cleland JA, Mintken PE. Inter-Rater Reliability of the Cervicothoracic and Shoulder Physical Examination in Patients with a Primary Complaint of Shoulder Pain. *Phys Ther in Sport.* 2016 March; 18:46-55.
2. Mintken PE, McDevitt AW, Cleland JA, Boyles RE, Beardslee, AR, Burns SA, Haberl MD,

Binder LA, Michener LA. Cervicothoracic Manual Therapy Plus Exercise Therapy versus

Exercise Therapy Alone in the Management of Individuals with Shoulder Pain: A Multi-Center Randomized Controlled Trial. *J Orthop Sports Phys Ther.* 2016;46(8):617-628. Cook CE,

1. Rodeghero JR, Cleland JA, Mintken PE. A Preliminary Risk Stratification Model for Individuals with Neck Pain. *Musculoskeletal Care.* 2015 March 2. doi: 10.1002/msc.1098. [Epub ahead of print]
2. Rodeghero JR, Cook CE, Cleland JA, Mintken PE. Risk Stratification of Patients with Low Back Pain Seen in Physiotherapy Practice. *Man Ther.* 2015; 20(6):855-60.
3. Mintken PE, Pascoe SC, Barsch AK, Cleland JA. Direct Access to Physical Therapy Services is Safe in a University Student Health Center Setting. *J Allied Health.* 2015; 44(3): 155-159.
4. McDevitt AM, Young J, Mintken PE, Cleland JA. Regional Interdependence and Manual

Therapy Directed at the Thoracic Spine. Invited commentary. *J Man Manip Ther.* 2015

July 23(3):139-46.

1. Mintken P (2014) Shoulder Pain and Regional Interdependence: Contributions of the

Cervicothoracic Spine. *J Yoga Phys Ther.* 2014; 4(5):179-180.

1. Cleland JA, Mintken PE, McDevitt A, Bieniek M, Carpenter K, Kulp K, Whitman JW. Manual

Physical Therapy and Exercise versus Supervised Home Exercise in the Management of

Patients Status Post Inversion Ankle Sprain: A Multi-Center Randomized Clinical Trial. *J Orthop Sports Phys Ther. 2013*;43(7):443-455.

* **Winner of the Rose Excellence in Research Award for the best research article in Orthopaedic Physical Therapy 2014.**

1. Bishop M, Mintken PE, Bialosky JE, Cleland JA. Patient expectations of benefit from

interventions for neck pain and resulting influence on outcomes. *J Orthop Sports Phys Ther.* 2013; 43(7):457-465.

* **Winner of the 2013 Journal of Orthopaedic and Sports Physical Therapy (JOSPT) Excellence in Research Award for the best research article in JOSPT in 2013.**

1. Louw A, Puentedura EJ, Mintken P. Use of an abbreviated Neuroscience Education approach in the treatment of Chronic Low Back Pain: A case report. *Physiotherapy Theory and Practice.* 2012 January; 28(1):50-62.
2. Mintken P, Cleland JA. LEAP: Linking Evidence And Practice: In a 32 Year Old Woman with Chronic Neck Pain and Headaches, Will an Exercise Regimen Be Beneficial for Reducing Her Reports of Neck Pain and Headaches? *Phys Ther.* 2012; 92(5):645-651.
3. Struessel T, Carpenter KJ, May J, Sampey E, and Mintken P. Student Perception of Applying Joint Manipulation Skills During Clinical Education: Identification of Barriers. *J of Phys Ther Educ.* 2012: 26(2): 19-30.

* **Winner of the Feitelberg Journal Founders' Award from the Journal of Physical Therapy Education 2012**

1. Mintken P. Thoracic Impairments and Shoulder Pain: Which came first? Invited commentary. *Phys Ther Reviews.* 2012; 17(4): 254-256.
2. Puentedura EJ, Cleland JA, Landers MR, Mintken PE, Louw A, Fernández-de-Las-Peñas C.

Development of a Clinical Prediction Rule to Identify Patients With Neck Pain Likely to Benefit From Thrust Joint Manipulation to the Cervical Spine. *J Orthop Sports Phys Ther.* 2012; 42(7): 577-592.

* **Winner of the Rose Excellence in Research Award for the best research article in Orthopaedic Physical Therapy 2013.**

1. Burns SA, Foresman E, Means SJ, Egan W, Glynn P, Mintken P, Cleland JA. A Treatment

Based Classification Approach to Examination and Intervention of Lumbar Disorders. *Sports Health: A Multidisciplinary Approach.* 2011; 3:362-372.

1. Burns SA, Mintken P, Austin GP. Clinical decision making in a patient with secondary hip-spine syndrome. *Physiother Theory Pract*. 2011; 27(5): 384-397.
2. MacDonald C, Mintken P. Femoral acetabular impingement and osteoarthrosis in a patient with hip pain. *J Orthop Sports Phys Ther.* 2011:41(3): 201.
3. Puentedura EJ, Landers M, Cleland JA, Mintken P, Huijbregts P, Fernandez-de-las-Peñas C. Thoracic spine manipulation versus cervical spine manipulation in patients with acute neck pain: A randomized clinical trial. *J Orthop Sports Phys Ther.* 2011 Apr;41(4):208-20.
4. Burns SA, Mintken P, Austin GP, Cleland JA. Short-term response of hip mobilizations and

exercise in individuals with chronic low back pain: a case series. *J Man Manip Ther.* 2011;19(2): 100-108.

1. Mintken P, Cleland JA, Carpenter KJ, Bieniek ML, Keirns M, Whitman JM. Some factors predict successful short-term outcomes in individuals with shoulder pain receiving cervicothoracic manipulation: a single-arm trial. *Phys Ther.* 2010;90(1): 26-42.
2. Mintken P, DeRosa C, Little T, Smith B. Guest Editorial: Moving past sleight of hand. *J Orthop Sports Phys Ther. 2010*;40(5). 253-255.
3. Burns SA, Mintken P. Sign of the Buttock in a Patient Status Post Total Hip Arthroplasty. *J*

*Orthop Sports Phys Ther.* 2010;40(6). 377.

1. Mintken P, DeRosa C, Little T, Smith B. Manual Magic: The Method Is Not the Trick. *J Orthop Sports Phys Ther.* 2010;40(8). 536-538.
2. Mintken P, Cleland JA, Whitman JM, George SZ. Psychometric Properties of the Fear-

Avoidance Beliefs Questionnaire and Tampa Scale of Kinesiophobia in Patients with Shoulder Pain. *Arch Phys Med Rehabil.* 2010; 91(7). 1128-1136.

1. Cleland JA, Mintken P, Carpenter K, Fritz JM, Glynn P, Whitman JM, Childs JD. Examination of a Clinical Prediction Rule to Identify Patients with Neck Pain Likely to Benefit from Thoracic Spine Thrust Manipulation and a General Cervical Range of Motion Exercise: A Multi-Center Randomized Clinical Trial. *Phys Ther.* 2010 Sep;90(9):1239-50.

* **Chattanooga Research Award for the best research article in the Journal of Physical Therapy (2010)**

1. Whitman JM, Cleland JA, Mintken P, et al. Predicting short-term response to thrust and non-thrust manipulation and exercise in patients post inversion ankle sprain. *J Orthop Sports Phys Ther.* 2009;39(3):188-200.
2. Whitman JM, Cleland JA, Mintken P. Clinical prediction rules in physical therapy: coming of age? *J Orthop Sports Phys Ther.* 2009;39(3):231-233.
3. Carpenter KJ, Mintken P, Cleland JA. Evaluation of outcomes in patients with neck pain treated with thoracic spine manipulation and exercise: a case series. New Zealand Journal of Physiotherapy. 2009;37(2):71-80.
4. Mintken P, Glynn P, Cleland JA. Psychometric properties of the shortened disabilities of the Arm, Shoulder and Hand Questionnaire (QuickDASH) and Numeric Pain Rating Scale in

patients with shoulder pain. *J Shoulder Elbow Surg.* 2009; Nov-Dec 18(6):920-926.

1. Mintken P, DeRosa C, Little T, Smith B. AAOMPT clinical guidelines: A model for standardizing manipulation terminology in physical therapy practice. *J Orthop Sports Phys Ther.* 2008;38(3):A1-6.
2. Mintken P, Metrick L, Flynn T. Upper cervical ligament testing in a patient with Os Odontoideum presenting with headaches. *J Orthop Sports Phys Ther.* 2008;38(8):465-475.
3. Mintken P, DeRosa C, Little T, Smith B. A model for standardizing manipulation terminology in physical therapy practice. *J Man Manip Ther.* 2008;16(1):50-56.
4. Mintken P, Boyles R. Tarsometatarsal joint injury in a patient seen in a direct access physical therapy setting. *J Orthop Sports Phys Ther.* 2009;39(1):28.
5. Mintken PE, Carpenter KJ, Kohrt WM, Eckhoff D, Stevens JE. Early neuromuscular electrical stimulation to optimize quadriceps muscle function following total knee arthroplasty: a case report. *J Orthop Sports Phys Ther.* 2007;37(7):364-371.

**Book Chapters**

1. Puentedura E, Mintken P, Louw A. Clinical neurodynamics of the Upper and Lower Quadrants In: Fernández de las Peñas C, Cleland JA, Dommerholt J, eds. [*Manual Therapy For Musculoskeletal Pain Syndromes Of The Upper And Lower Quadrants – An Evidence And Clinical-Informed Approach*](http://www.amazon.com/Manual-Therapy-Musculoskeletal-Syndromes-clinical-informed/dp/070205576X/ref=sr_1_fkmr0_1?s=books&ie=UTF8&qid=1462845748&sr=1-1-fkmr0&keywords=Manual+Therapy+For+Musculoskeletal+Pain+Syndromes+Of+The+Upper+And+Lower+Quadrants+%E2%80%93+An+Evidence+And+Clinical-Informed+Approach)*.*  *1st edition.* London: Elsevier; 2015.
2. Mintken P, Bishop M. A treatment based classification approach to low back pain. In: Chevan J, Clapis P. [*Physical Therapy Management of Low Back Pain: A Case-Based Approach.*](http://www.amazon.com/Physical-Therapy-Management-Back-Pain/dp/0763779458/ref=sr_1_1?s=books&ie=UTF8&qid=1462845686&sr=1-1&keywords=chevan+clapis) Sudbury, MA: Jones and Bartlett; 2012.
3. Mintken P, Puentedura E, Louw, A. [Neurodynamic interventions and physiological effects: clinical neurodynamics in neck and upper extremity pain.](https://www.dropbox.com/s/tg1k8xpid1nqemq/Mintken%20Chapter%20Fernandez%20Neck%20Arm%20Pain%20Book-Ch38LP.pdf?dl=0) In: Fernández de las Peñas C, Cleland JA, Huijbregts P, eds. [*Neck and Arm Pain Syndromes: Evidence-Informed Screening, Diagnosis, and Management in Manual Therapy*.](http://www.amazon.com/Neck-Arm-Pain-Syndromes-Evidence-informed/dp/0702035289/ref=pd_bxgy_14_img_2?ie=UTF8&refRID=1NC4C12223XJEQB17SJD) London: Elsevier; 2011.
4. Puentedura E, Mintken P, Diener I, Louw A. Neurodynamic Approach for Migraines. In: Fernández de las Peñas C, Chaitow L, Schoenen J, eds. [*Multidisciplinary Management of Migraine: Pharmacological, Manual, and Other Therapies.*](http://www.amazon.com/Multidisciplinary-Management-Migraine-Pharmacological-Rehabilitation/dp/1449600506/ref=sr_1_1?s=books&ie=UTF8&qid=1462845601&sr=1-1&keywords=Manual+Therapy+Interventions+for+Migraine) London: Elsevier; 2011.
5. Louw A, Mintken P, Puentedura L. [Neuro-physiological effects of neural mobilization maneuvers.](https://www.dropbox.com/s/521p5at020c6g9u/Mintken%20chapter%2020%20Neurophysiologic%20Effects%20of%20Neural%20Mobilization%20Maneuvers.pdf?dl=0) In: Fernández de las Peñas C, Arendt-Nielsen L, Gerwin R, Eds. [*Tension-Type And Cervicogenic Headache: Pathophysiology, Diagnosis, And Management.*](http://www.amazon.com/Tension-Type-Cervicogenic-Headache-Pathophysiology-Rehabilitation/dp/0763752835/ref=sr_1_fkmr0_1?ie=UTF8&qid=1462845394&sr=8-1-fkmr0&keywords=Physical+Therapy+for+Tension+Type+and+Cervicogenic+Headache%3A+Physical+Examination%2C+Muscle+and+Joint+Management)Sudbury, MA: Jones and Bartlett; 2009.
6. Mintken P, Cleland JA. Thoracic spine clinical decision making. In: Sueki D, Brechter J, Eds. [*Orthopedic Rehabilitation Clinical Advisor*](http://www.amazon.com/Orthopedic-Rehabilitation-Clinical-Advisor-1e/dp/0323057101/ref=sr_1_1?ie=UTF8&qid=1462845326&sr=8-1&keywords=Orthopedic+Rehabilitation+Clinical+Advisor). Elsevier; 2009.
7. Puentedura E, Louw A, Mintken P. [Neurodynamic interventions for the management of patients with headache.](https://www.dropbox.com/s/ogqpc4b75jhr6er/Mintken%20Chapter%2030%20Neurodynamic%20Interventions%20for%20the%20Management%20of%20Patients%20with%20Headache.pdf?dl=0) In: Fernández de las Peñas C, Arendt-Nielsen L, Gerwin R, Eds. [*Tension-Type And Cervicogenic Headache: Pathophysiology, Diagnosis, And Management.*](http://www.amazon.com/Tension-Type-Cervicogenic-Headache-Pathophysiology-Rehabilitation/dp/0763752835/ref=sr_1_fkmr0_1?ie=UTF8&qid=1462845394&sr=8-1-fkmr0&keywords=Physical+Therapy+for+Tension+Type+and+Cervicogenic+Headache%3A+Physical+Examination%2C+Muscle+and+Joint+Management) Sudbury, MA: Jones and Bartlett; 2009.

**E-Books**

1. Boyles R, Flynn TW, Whitman JM, Wainner RS, Mintken PE. [Spinal & Extremity Manipulation: The Basic Skill Set (2nd Edition).](http://www.eimqa.com/content/ebooks/EIM-SpinalandExtremityManip.pdf)  E-Book. Louisville, KY: Evidence in Motion; 2012. ISBN #978-0-9714792-5-8.
2. Boyles R, Flynn TW, Whitman JM, Wainner RS, Mintken PE. [Orthopaedic Manual Physical Therapy Management of Mechanical Neck Pain.](http://www.eimqa.com/content/ebooks/EIM-OMPT_Management_Neck_Pain.pdf)  E-Book. Louisville, KY: Evidence in Motion; 2012. ISBN #978-0-9714792-4-1.
3. Boyles R, Flynn TW, Whitman JM, Wainner RS, Mintken PE. [Orthopaedic Manual Physical Therapy Management of Low Back Pain.](http://www.eimqa.com/content/ebooks/EIM-LP-Techniques.pdf)  E-Book. Louisville, KY: Evidence in Motion; 2014. ISBN #978-0-9714792-7-2

**Letters to the Editor**

1. Mintken PE, Cleland JA, Carpenter KJ, et al. [On "Some factors predict successful short-term outcomes..."](http://dy3uq8jh2v.search.serialssolutions.com/?sid=Entrez:PubMed&id=pmid:20360056) Phys Ther. 2010;90:26-42. Cibulka MT, Harrell FE Jr. [Letter to the editor in chief]. *Phys Ther.* 2010 Apr;90(4):643-4; author reply 644.
2. Dorko BL, Silvernail JL, Maher CG, Hancock MJ, Wilk BR, Stenback JT, Gonzalez C, Jagessar C, Nau S, Muniz A, Mintken PE, Derosa C, Little T, Smith B, Escamilla RF, Lewis C, Bell D, Bramblet G, Daffron J, Lambert S, Pecson A, Paulos L, Andrews JR. [Letter to the editor in chief]. *J Orthop Sports Phys Ther.* 2010 Aug;40(8):535-41.
3. Whitman JM, Cleland JA, Mintken P. Clinical prediction rules in physical therapy: coming of age? *J Orthop Sports Phys Ther.* 2009;39(3):231-233*.*

**Peer Reviewed Published Abstracts (last 5 years)**

1. McDevitt A, Cleland J, Williams P, Courtney D, Glynn P, Mintken P. Thoracic Spine Thrust Manipulation for Cervicogenic Headaches: A Randomized Clinical Trial. *J Orthop Sports Phys Ther. January, 2018.*
2. Mintken PE, McDevitt AW, Michener LA, Boyles R, Cleland JA. Examination of Prognostic Variables To Identify Patients With Shoulder Pain Likely To Benefit From Cervicothoracic Manipulation: A Multicenter Randomized Clinical Trial. *J Orthop Sports Phys Ther.* 2016;46(1):A17-18.
3. Mintken PE, McDevitt AW, Puentedura EJ, Louw A. Use of Graded Motor Imagery during the Freezing Stage of Frozen Shoulder: A Case Report. *J Orthop Sports Phys Ther.* 2016;46(1):A117-118.
4. Mintken P , McDevitt A, Michener L, Burns S, Boyles R, Cleland J . Examination of a clinical prediction rule to identify patients with shoulder pain likely to benefit from cervicothoracic manipulation: A multi-center randomized clinical trial. Manual Therapy, Volume 25, September 2016, Page e50-51. Presented at the International Federation of Orthopaedic Manipulative Physical Therapists (IFOMPT) Glasgow Scotland and the American Academy of Orthopaedic Manual Physical Therapists Annual Conference St. Louis Missouri.
5. Mintken P, McDevitt A, Puentedura E. Louw A. Use of Neuroscience education, tactile discrimination, limb laterality and graded motor imagery in a patient with frozen shoulder. Manual Therapy, Volume 25, September 2016, Page e74. Presented at the International Federation of Orthopaedic Manipulative Physical Therapists (IFOMPT) Glasgow Scotland and the American Academy of Orthopaedic Manual Physical Therapists Annual Conference St. Louis Missouri.

* **Winner of the best Educational Topics Platform Presentation American Academy of Orthopaedic Manual Physical Therapists Annual Conference 2016.**

1. McDevitt A, Krause L, Leibold B, Mintken P. A novel treatment of dry needling and eccentric exercise for patients with chronic bicipital tendinopathy: A case series. Manual Therapy, Volume 25, September 2016, Page e61. Presented at the International Federation of Orthopaedic Manipulative Physical Therapists (IFOMPT) Glasgow Scotland and the American Academy of Orthopaedic Manual Physical Therapists Annual Conference St. Louis Missouri.

* **Winner of the best Upper Extremity Platform Presentation American Academy of Orthopaedic Manual Physical Therapists Annual Conference 2016.**

1. McDevitt A, McDevitt M, Mintken P. Spontaneous vertebral artery dissection resulting from a benign mechanism of injury; A medical case description. Manual Therapy, Volume 25, September 2016, Page e117. Presented at the International Federation of Orthopaedic Manipulative Physical Therapists (IFOMPT) Glasgow Scotland and the American Academy of Orthopaedic Manual Physical Therapists Annual Conference St. Louis Missouri.
2. Mintken PE, McDevitt AW, Puentedura EJ, Louw A. Use Of Graded Motor Imagery During The Freezing Stage Of Frozen Shoulder: A Case Report [poster presentation]. J Orthop Sports Phys Ther. 2016;46(1):A117-118.
3. Mintken PE, McDevitt AW, Michener LA, Boyles R, Cleland JA. Examination Of Prognostic Variables To Identify Patients With Shoulder Pain Likely To Benefit From Cervicothoracic Manipulation: A Multicenter Randomized Clinical Trial [oral presentation]. J Orthop Sports Phys Ther. 2016;46(1):A17-18.
4. Mintken PE, McDevitt A: Treatment of Patients with Chronic Bicipital Tendinopathy with Dry Needling and Eccentric Exercise: A Case Series [oral presentation]. J Man Manip Ther. 2014;21(4):269.
5. McPoil T, Mintken PE. A Practical Method to Instruct Entry-Level and Experienced Physical Therapists to Perform the Foot Posture Index [poster presentation]. J Orthop Sports Phys Ther. 2014;44(1):A91.
6. Mintken PE, Pascoe S, Barsch A, Cleland JA. Direct access to physical therapy services is safe in a university student health center setting [oral presentation]. J Orthop Sports Phys Ther. 2013;43(1):A63.
7. Akuthota V, Hammerich AS, Mintken PE, Cleland JA, Whitman JM, Singh JR, Knight E, Santo KJ. Effectiveness of Physical Therapy as an Adjunct to Epidural Steroid Injections in the Treatment of Lumbar Spinal Stenosis: A Pilot Randomized Controlled Trial. The Spine Journal. 2012; 12;(9): S146.

**Peer Reviewed Scientific and Professional Presentations (last 5 years)**

1. McDevitt A, Akuthota V, Friedrich J, McCann E, Mintken P. Fostering Early Interprofessional Collaboration in the Management of Low Back Pain; [accepted poster presentation] Combined Sections Meeting American Physical Therapy Association. Denver, CO, February 2020.
2. McDevitt A, Akuthota V, Friedrich J, McCann E, Mintken P. Fostering Early Interprofessional Collaboration in the Management of Low Back Pain; [accepted poster presentation] Educational Scholarship and Innovation Symposium, Anschutz Medical Campus, Aurora, Colorado; March 2019.
3. McDevitt A. Cleland J, Strickland C, Mintken P, Kretschmer R, Leibold M, Borg M, Snodgrass S. The Accuracy of Biceps Tendon Palpation by Physical Therapists; [platform presentation] American Academy of Orthopaedic Manual Physical Therapists Conference, Reno, Nevada; November 2018. (Winner of the Dick Erhard First Place Overall Platform Presentation)
4. McDevitt A. Cleland J, Mintken P, Strickland C, Borg M, Krause L,  Leibold B, Courtney D, Kretschmer R, Snodgrass S. An Interdisciplinary Approach to Accuracy Research: Palpation of the Biceps Tendon by Physical Therapists. University of Colorado Hospital Annual Rehab Symposium. Anschutz Medical Campus, Aurora, CO. September 24, 2018.
5. McDevitt A, Cleland J, Williams P, Courtney D, Glynn P, Mintken P. Thoracic Spine Thrust Manipulation for Cervicogenic Headaches: A Randomized Clinical Trial [platform presentation] Combined Sections Meeting American Physical Therapy Association. New Orleans, LA; February 2018.
6. McDevitt A, Snodgrass S, Cleland J, Krause L, Leibold M, Borg M, Mintken P. A Novel Treatment of Dry Needling and Eccentric Exercise for Patients with Chronic Bicipital Tendinopathy: A Case Series. [poster presentation] Combined Sections Meeting American Physical Therapy Association. New Orleans, LA; February 2018.
7. McDevitt A, Cleland J, Williams P, Courtney D, Glynn P, Mintken P. Thoracic Spine Thrust Manipulation for Cervicogenic Headaches: A Randomized Clinical Trial [platform presentation] University of Colorado Health Rehabilitation Symposium*.* Aurora, CO; September 19, 2017*.*
8. Mintken P, McDevitt A, Michener L, Boyles B, Cleland J. Cervicothoracic Manual Therapy Plus Exercise versus Exercise Alone in the Management of Individuals with Shoulder Pain: A Multi-Center Randomized Controlled Trial [platform presentation] American Academy of Orthopaedic Manual Physical Therapists Conference. St. Louis, MO; October 2016.
9. McDevitt A, McDevitt M, Mintken P. Spontaneous Vertebral Artery Dissection Resulting from a Benign Mechanism of Injury: A Medical Case Description. [poster presentation] American Academy of Orthopaedic Manual Physical Therapists Conference. St. Louis, MO; October 2016
10. McDevitt A, Krause L, Leibold M, Borg M, Mintken P. A Novel Treatment of Dry Needling and Eccentric Exercise for Patients with Chronic Bicipital Tendinopathy: A Case Series. [platform presentation] American Academy of Orthopaedic Manual Physical Therapists Conference. St. Louis, MO; (Winner of the First Place Platform Presentation in category Best 5X5 Upper Extremity, October 2016).
11. Mintken P, McDevitt A, Puentedura E, Louw, A. Use of Neuroscience Education, Limb Laterality, Tactile Discrimination and Graded Motor Imagery During The Freezing Stage of Frozen Shoulder: A Case Report. [platform presentation] American Academy of Orthopaedic Manual Physical Therapists Conference. St. Louis, MO; (Winner of the First Place Platform Presentation in category Best 5X5 Educational Topics, October 2016).
12. Mintken P, McDevitt A, Michener L, Boyles B, Cleland J. Cervicothoracic Manual Therapy Plus Exercise versus Exercise Alone in the Management of Individuals with Shoulder Pain: A Multi-Center Randomized Controlled Trial [platform presentation] International Federation of Orthopaedic Manual Physical Therapy Conference. Glasgow, Scotland; July 2016.
13. McDevitt A, Krause L, Leibold M, Borg M, Mintken P. A Novel Treatment of Dry Needling and Eccentric Exercise for Patients with Chronic Bicipital Tendinopathy: A Case Series. [poster presentation] International Federation of Orthopaedic Manual Physical Therapy Conference. Glasgow, Scotland; July 2016.
14. McDevitt A, McDevitt M, Mintken P. Spontaneous Vertebral Artery Dissection Resulting from a Benign Mechanism of Injury: A Medical Case Description. [poster presentation] International Federation of Orthopaedic Manual Physical Therapy Conference. Glasgow, Scotland; July 2016
15. Mintken P, McDevitt A, Puentedura E, Louw, A. Use of Neuroscience Education, Limb Laterality, Tactile Discrimination and Graded Mortor Imagery During The Freezing Stage of Frozen Shoulder: A Case Report. [poster presentation] International Federation of Orthopaedic Manual Physical Therapy Conference. Glasgow, Scotland; July 2016.
16. Mintken P, McDevitt A, Michener L, Boyles B, Cleland J. Examination of a Prognostic Variables to Identify Patients with Shoulder Pain Likely to Benefit from Cervicothoracic Manipulation: A Multi-Center Randomized Clinical Trial. [platform presentation] Combined Sections Meeting American Physical Therapy Association. Anaheim, CA; February 2016.
17. Mintken P, McDevitt A, Puentedura E, Louw, A. Use of Neuroscience Education, Limb Laterality, Tactile Discrimination and Graded Motor Imagery During The Freezing Stage of Frozen Shoulder: A Case Report. [poster presentation] Combined Sections Meeting American Physical Therapy Association. Anaheim, CA; February 2016.
18. May 2016, Low Back Pain: Conservative and Post-Operative Management. St. Mary’s Hospital. Grand Junction, CO
19. April 2016 Physical Therapy and Integrative Care Panel. Grand Rounds, Wardenburg Health Center, University of Colorado, Boulder, CO.
20. April 2016, Manual Physical Therapy and Exercise for Shoulder Disorders. UC Health Annual Rehabilitation Symposium, Aurora, CO.
21. April 2015, Dry Needling and Eccentric Exercise for Chronic Long Head of the Biceps Tendinopathy. UC Health Annual Rehabilitation Symposium, Aurora, CO.
22. O'Sullivan P, Van Dillen L, Cook C, Mintken P, Childs J, Brismee JM, Donaldson M. Clinical Research: New Directions to Explore. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Louisville, KY; 2015.
23. Mintken PE, Cook C, Childs JD, Rivett D, Woodhouse L, Hartman L, Shacklock M, Cleland JA, Whitman JM. Clinical Research-Pearls, Pitfalls, and Perils. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2014.
24. Mintken PE, McDevitt A, Carpenter K. When Clinical Decision Making Overrules the Evidence. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2014.
25. Mintken PE, Cook C, Childs JD, Rivett D, Woodhouse L, Hartman L, Shacklock M. Thrust vs. Non-Thrust Manipulation: What Does the Evidence Tell Us? Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2014.
26. Mintken PE, McDevitt A: Treatment of Patients with Chronic Bicipital Tendinopathy With Dry Needling And Eccentric Exercise: A Case Series. [oral presentation] Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2014.
27. Gattie E, Cleland JA, Mintken PE. In Patients with Mechanical Neck Pain do Fear Avoidance Beliefs Questionnaire Scores Improve with Thoracic Spine Manipulation and Exercise to a Greater Extent than Exercise Alone? Secondary Analysis of a Randomized Clinical Trial. [oral presentation]. American Physical Therapy Association Annual Meeting. Charlotte, North Carolina, June 2014.
28. McPoil T, Mintken PE. A Practical Method to Instruct Entry-Level and Experienced Physical Therapists to Perform The Foot Posture Index. [poster presentation]. Combined Sections Meeting American Physical Therapy Association. Las Vegas, NV; February 2014.
29. Mintken P, Pascoe S, Barsch A, Cleland JA. Direct access to physical therapy services is safe in a university student health center setting. [oral presentation]. Combined Sections Meeting American Physical Therapy Association. San Diego, CA; January 2013.
30. Cleland JA, Mintken PE, McDevitt A, Bieniek M, Carpenter K, Kulp K, Whitman JW. Manual Physical Therapy and Exercise versus Supervised Home Exercise in the Management of Patients Status Post Inversion Ankle Sprain: A Multi-Center Randomized Clinical Trial. [oral presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Cincinnati, OH; 2013.

* Winner of the Dick Erhard Outstanding Research Platform Presentation American Academy of Orthopaedic Manual Physical Therapists Annual Conference 2013

1. May 2014 Knee Examination. Grand Rounds, Wardenburg Health Center, University of Colorado, Boulder, CO
2. April 2014 Thoracic manipulation for Neck Pain. UC Health Annual Rehabilitation Symposium, Aurora, CO.
3. April 2013 Manual Therapy Following Ankle Sprains. UC Health Annual Rehabilitation Symposium, Aurora, CO.
4. November 2014 Evidence Based Manipulation. Heart of the Rockies Regional Medical Center. Salida, CO
5. October 2013 Conservative management of Headache. CME. University of Colorado Boulder, Wardenburg Health Center Sports Medicine Department. Boulder, CO.
6. November 2013 Spinal and Extremity Manipulation Techniques you should be using! APTA/Colorado Chapter 23rd Annual Symposium. Arvada, CO.
7. December 2013 When should manual therapy and foot orthotics be added to the physical therapy plan of care? APTA Combined Sections Meeting. San Diego, CA.
8. January 2013 Cervical Spine Examination. Grand Rounds, Wardenburg Health Center, University of Colorado, Boulder, CO.
9. Flynn T, Mintken P, Boyles R, Wainner R. Cervical Manipulation- What Skill Level is Necessary for the 1st Professional Level PT Students. International Federation Orthopaedic Manual Physical Therapists Teachers Meeting – Quebec City, Canada. September, 2012.
10. Mintken P, Austin G, Cleland J. The Role of Manual Therapy to the Hip Joints in Patients with Chronic Low Back Pain: A Case Series. [oral presentation]. International Federation Orthopaedic Manual Physical Therapists Conference. Quebec City, Canada. September 2012.
11. December 2012 Hip Examination. Grand Rounds, Wardenburg Health Center, University of Colorado, Boulder, CO.
12. November 2012 Hip Disorders. In-service. University of Colorado Boulder, Wardenburg Health Center Sports Medicine Department. Boulder, CO.
13. October 2012 Exercise for Shoulder Disorders. In-service. University of Colorado Boulder, Wardenburg Health Center Sports Medicine Department. Boulder, CO.
14. October 2012 Advances in Rehabilitation and Exercise-Based Therapies for the Operative and Non-operative Spine Patient. 9th Annual Symposium Current Techniques in the Treatment of Cranial and Spinal Disorders. Broomfield, Colorado.
15. September 2012 Cervical Spine Manipulation Risk vs. Benefit. In-service. University of Colorado Boulder, Wardenburg Health Center Sports Medicine Department. Boulder, CO.
16. April 2012 Lumbar Spine Examination. Grand Rounds, Wardenburg Health Center, University of Colorado, Boulder, CO.

*National*

1. May 2016 Treating the Cervical and Lumbar Spine: Can Art, Science, and Practice Guidelines All Get Along? Orthopedic Section of the American Physical Therapy Association (APTA) Annual Meeting. Atlanta, GA.
2. May 2016 Examination and Treatment of Neck Pain with Movement Coordination Impairments. Orthopedic Section of the American Physical Therapy Association (APTA) Annual Meeting. Atlanta, GA.
3. October 2015 Clinical Research: New Directions to Explore. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Louisville, KY.
4. January 2014 Rose Award acceptance speech. American Physical Therapy Association (APTA) Combined Sections Meeting. Las Vegas, NV.
5. October 2014 Clinical Research-Pearls, Pitfalls, and Perils. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX.
6. October 2014 Thrust vs. Non-Thrust Manipulation: What Does the Evidence Tell Us? Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX.
7. October 2014 When Clinical Decision Making Overrules the Evidence. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX.
8. January 2013 When Should Manual Therapy and Foot Orthotics be added to the Physical Therapy Plan of Care? American Physical Therapy Association (APTA) Combined Sections Meeting. San Diego, CA.
9. January 2013 PTNow: Evidence Based Physical Therapy. American Physical Therapy Association (APTA) Combined Sections Meeting. San Diego, CA.
10. October 2013 Integrated Manual Therapy and Exercise for Patients with Upper Quarter

Dysfunction. American Academy of Orthopaedic Manual Physical Therapists Annual Meeting. Cincinnati, OH.

1. October 2013 Evidence Based Manual Therapy and Exercise for Patients with Upper Quarter Dysfunction. Breakout session at the American Academy of Orthopaedic Manual Physical Therapists Annual Meeting. Cincinnati, OH.
2. January 2012 Neurodynamic Examination and Intervention for Individuals with Upper Extremity Dysfunction. American Physical Therapy Association (APTA) Combined Sections Meeting. Chicago, IL.

*International*

1. July 2016 Examination of a clinical prediction rule to identify patients with shoulder pain likely to benefit from cervicothoracic manipulation: A multi-center randomized clinical trial. International Federation Orthopaedic Manual Physical Therapists Conference. Glasgow, Scotland.
2. July 2016 Spontaneous vertebral artery dissection resulting from a benign mechanism of injury; A medical case description. International Federation Orthopaedic Manual Physical Therapists Conference. Glasgow, Scotland.
3. July 2016 Use of Neuroscience education, tactile discrimination, limb laterality and graded motor imagery in a patient with frozen shoulder. International Federation Orthopaedic Manual Physical Therapists Conference. Glasgow, Scotland.
4. July 2016 A novel treatment of dry needling and eccentric exercise for patients with chronic bicipital tendinopathy: A case series. International Federation Orthopaedic Manual Physical Therapists Conference. Glasgow, Scotland.
5. September 2014 Integrating Manual Therapy and Exercise in the Management of Musculoskeletal Disorders. Buenos Aires, Argentina.
6. September 2012 The Role of Manual Therapy to the Hip Joints in Patients with Chronic Low Back Pain. International Federation Orthopaedic Manual Physical Therapists Conference. Quebec City, Canada.
7. March 2012 Visiting Professor Yamagata Prefectural University Yamagata, Japan.
8. March 2012 Physical Therapy Education in the United States. Yamagata Prefectural University Japan.
9. March 2012 Manipulation in the Management of Musculoskeletal Disorders. Yamagata Prefectural University Japan.
10. March 2012 Neuromuscular Electrical Stimulation following TKA. Yamagata Hospital, Japan.
11. March 2012 Spinal Manipulation Laboratory. Yamagata Prefectural University Japan.
12. September 2012 Cervical Manipulation- What Skill Level is Necessary for the 1st Professional Level PT Students. International Federation Orthopaedic Manual Physical Therapists Teachers Meeting. Quebec City, Canada.

**Non-Peer Reviewed Publications**

1. Mintken P. Grandma. *Fetishes* (a literary journal of the University of Colorado Health Sciences Center). 1996;(2):19.

[*ELearning Modules*](http://www.evidenceinmotion.com/learning-academy/)

1. “Flipped” Classroom Modules including learning objectives, online video lecture, facilitated in-

class discussion, and test questions for a Universal Musculoskeletal Curriculum used by 18

entry-level physical therapy programs. Clicking on the links below will take you to a dropbox

folder with the powerpoints, recorded lecture, handouts, student and faculty prep sheets.

1. Mintken PE. [Treatment Based Classification for Neck Pain](https://www.dropbox.com/sh/59l0cza208m32gv/AAC25oasP2AVmDe3xQUmA6Vja?dl=0); e-Learning Module, *Universal Musculoskeletal Curriculum: EIM Learning Academy*, Evidence in Motion, Louisville, KY, 2012.
2. Mintken PE. [Cervicogenic Headaches](https://www.dropbox.com/sh/5989bomqi47yp4i/AAA0CZMqsyfs5-P8dscP4CMDa?dl=0); e-Learning Module, *Universal Musculoskeletal Curriculum: EIM Learning Academy*, Evidence in Motion, Louisville, KY, 2012.
3. Mintken PE. [Manual Therapy for Elbow, Wrist and Hand Conditions](https://www.dropbox.com/sh/pnf9nzq74mrl125/AACV-FvxBRh0PdTsNbwGvRwva?dl=0); e-Learning Module, *Universal Musculoskeletal Curriculum: EIM Learning Academy*, Evidence in Motion, Louisville, KY, 2012.
4. Mintken PE. [Exercise for Shoulder Disorders](https://www.dropbox.com/sh/w4j9a3v9hkl95rb/AAAiaasR_uMDUPEguX3tilU4a?dl=0); e-Learning Module, *Universal Musculoskeletal Curriculum: EIM Learning Academy*, Evidence in Motion, Louisville, KY, 2012.
5. Mintken PE. [Knee Fractures](https://www.dropbox.com/sh/5r16wyi3dntshdc/AAB1_Rw6rfEOxCHAhBzjrIDaa?dl=0); e-Learning Module, *Universal Musculoskeletal Curriculum: EIM Learning Academy*, Evidence in Motion, Louisville, KY, 2012.
6. Mintken PE. [Total Knee and Total Hip Arthroplasty](https://www.dropbox.com/sh/6rh8cdk1j5bmsso/AADvzDEoOhoX7CfDcyqM-jpAa?dl=0); e-Learning Module, Universal Musculoskeletal Curriculum, Evidence in Motion, Louisville, KY, 2012.
7. Mintken PE. [Pain Generators in the Lumbar Spine](https://www.dropbox.com/sh/fxbatdk5s5vj2v5/AAAICJwaBGQWyEPcyE2j1SFUa?dl=0); e-Learning Module, *Universal Musculoskeletal Curriculum: EIM Learning Academy*, Evidence in Motion, Louisville, KY, 2012.
8. Mintken PE. [Soft Tissue Disorders of the Hip](https://www.dropbox.com/sh/a5x2cxp30050lkv/AABRnKtmZ0cNjWD4yvY2BF4Ia?dl=0); e-Learning Module, *Universal Musculoskeletal Curriculum: EIM Learning Academy*, Evidence in Motion, Louisville, KY, 2012.
9. Mintken PE. [Manual Therapy for Foot and Ankle Disorders](https://www.dropbox.com/sh/t0jlz8c90oou44w/AADYbcKjdrAKLQSUVRvJF1lna?dl=0); e-Learning Module, *Universal Musculoskeletal Curriculum: EIM Learning Academy*, Evidence in Motion, Louisville, KY, 2012.

**Non-Peer Reviewed Abstracts**

None

**Non-Peer Reviewed Scientific and Professional Presentations (last 5 years)**

1. O'Sullivan P, Van Dillen L, Cook C, Mintken P, Childs J, Brismee JM, Donaldson M. Clinical Research: New Directions to Explore. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Louisville, KY; 2015.
2. Mintken PE, McDevitt A: Treatment Of Patients With Chronic Bicipital Tendinopathy With Dry Needling And Eccentric Exercise: A Case Series. [platform presentation] Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2014.
3. Mintken PE, Cook C, Childs JD, Rivett D, Woodhouse L, Hartman L, Shacklock M. Thrust vs. Non-Thrust Manipulation: What Does the Evidence Tell Us? Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2014.
4. Mintken PE, McDevitt A, Carpenter K. When Clinical Decision Making Overrules the Evidence. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2014.
5. Mintken PE, Cook C, Childs JD, Rivett D, Woodhouse L, Hartman L, Shacklock M, Cleland JA, Whitman JM. Clinical Research-Pearls, Pitfalls, and Perils. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2014.
6. Gattie E, Cleland JA,Mintken PE. In Patients with Mechanical Neck Pain do Fear Avoidance Beliefs Questionnaire Scores Improve with Thoracic Spine Manipulation and Exercise to a Greater Extent than Exercise Alone? Secondary Analysis of a Randomized Clinical Trial. [platform presentation]. American Physical Therapy Association Annual Meeting. Charlotte, North Carolina, June 2014.
7. McPoil T, Mintken PE. A Practical Method to Instruct Entry-Level And Experienced Physical Therapists To Perform The Foot Posture Index. [poster presentation]. Combined Sections Meeting American Physical Therapy Association. Las Vegas, NV; February 2014.
8. Cleland JA, Mintken PE, McDevitt A, Bieniek M, Carpenter K, Kulp K, Whitman JW. Manual Physical Therapy and Exercise versus Supervised Home Exercise in the Management of Patients Status Post Inversion Ankle Sprain: A Multi-Center Randomized Clinical Trial. [platform presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Cincinnati, OH; 2013.

### Winner of the Dick Erhard Outstanding Research Platform Presentation American Academy of Orthopaedic Manual Physical Therapists Annual Conference 2013

1. Mintken P, Pascoe S, Barsch A, Cleland JA. Direct access to physical therapy services is safe in a university student health center setting. [platform presentation]. Combined Sections Meeting American Physical Therapy Association. San Diego, CA; January 2013.
2. Mintken P, Austin G, Cleland J. The Role of Manual Therapy to the Hip Joints in Patients with Chronic Low Back Pain: A Case Series. [platform presentation]. International Federation Orthopaedic Manual Physical Therapists Conference. Quebec City, Canada. September, 2012
3. Flynn T, Mintken P, Boyles R, Wainner R. Cervical Manipulation- What Skill Level is Necessary for the 1st Professional Level PT Students. International Federation Orthopaedic Manual Physical Therapists Teachers Meeting – Quebec City, Canada. September, 2012
4. Mintken P. Adoption Of Joint Manipulation Into Clinical Practice: Student Cited Barriers. [platform presentation]. Combined Sections Meeting American Physical Therapy Association. New Orleans, LA; February 2011.
5. Mintken P, Carpenter C. The Role Of The Thoracic Spine In Individuals With Shoulder Pain. [poster presentation]. Combined Sections Meeting American Physical Therapy Association. New Orleans, LA; February 2011.
6. Burns S, Mintken P, Austin G, Cleland J. Short-Term Response to Hip Mobilizations in Individuals with Chronic Low Back Pain: A Case Series. [platform presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2010.

### Winner of the Dick Erhard Outstanding Research Platform Presentation American Academy of Orthopaedic Manual Physical Therapists Annual Conference 2010

1. Fearon TO, Mintken PE. Treatment Of Patients With Low Back Pain Presenting With A Directional Preference For Lateral Glides With An Unloaded Active Exercise Approach. [poster presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2010.
2. May J, Struessel T, Sampey E, Carpenter K, Mintken PE. Students Perceptions of Practicing Joint Manipulation during Clinical Education: Identification of Barriers. [platform presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). San Antonio, TX; 2010.
3. Mintken PE, Cleland JA, Bieniek ML, Glynn P, Keirns MA, Whitman JM. Development of a clinical prediction rule to identify patients with shoulder pain likely to benefit from cervicothoracic manipulation. [platform presentation]. Combined Sections Meeting American Physical Therapy Association. San Diego, CA; February 2010.
4. Burns SA, Mintken PE, Austin G. Effect of hip mobilizations on chronic low back pain: a case report. [poster presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Washington, DC; October 2009.
5. Carpenter KC, Mintken PE. Examination, intervention, and outcomes for three patients treated with mechanical traction per the treatment based classification: a retrospective case series [poster presentation]. Combined Sections Meeting American Physical Therapy Association. Las Vegas, NV; February 2009.
6. Burns S, Mintken PE. Sign of the buttock in a patient status post total hip arthroplasty: a case report[poster presentation]. Combined Sections Meeting American Physical Therapy Association. Las Vegas, NV; February 2009.
7. Mintken PE, Cleland JA, Bieniek ML, Glynn P, Keirns MA, Whitman JM. Short term outcomes in patients with a primary complaint of shoulder pain treated with cervicothoracic manipulation: a preliminary report[platform presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Seattle, WA; 2008.
8. Mintken PE, Carpenter KC, Whitman J. Use of manipulation in a patient with acute low back pain with radiating symptoms and a history of spondylolisthesis [poster presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Seattle, WA; 2008.
9. Whitman J, Cleland JA, Bieniek ML, Mintken P, et al. Exam factors identifying patients status-post inversion ankle sprain who are likely to benefit from manual physical therapy interventions and exercise [platform presentation]. Combined Sections Meeting American Physical Therapy Association. Nashville, TN; February 2008.
10. Mintken P, Boyles R. Examination and management of a patient with an undiagnosed lisfranc injury in a primary care physical therapy practice [poster presentation]. Combined Sections Meeting American Physical Therapy Association. Nashville, TN; February 2008.
11. Mintken P, Carpenter K, Whitman J. Management of a patient with acute low back pain using the lumbopelvic region manipulation clinical prediction rule and the treatment based classification system [poster presentation] Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT); 2007.
12. Mintken P, Metrick L, Flynn T. Clinical examination of a congenital upper cervical instability in a patient with cervicogenic headaches [poster presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT); 2007.

### Winner of the Outstanding Poster Presentation American Academy of Orthopaedic Manual Physical Therapists Annual Conference 2007

1. Carpenter KJ, Mintken PE, Kohrt WM, Eckhoff D, Stevens JE. Early neuromuscular electrical stimulation for quadriceps muscle strengthening following total knee arthroplasty: a case study [poster presentation]. Annual Meeting American Physical Therapy Association; 2007.
2. Mintken P, Whitman JM. Implementation of region specific functional outcome measures in an outpatient orthopaedic clinic [platform presentation]. Annual Meeting American Physical Therapy Association; 2007.
3. Mintken P**.** Implementation of a direct access musculoskeletal injury clinic in a university setting [platform presentation]. Combined Sections Meeting American Physical Therapy Association. Boston, MA; February 2007.
4. Whitman JM, Cleland JA, Bieniek ML, Magel JM, Mintken PE, Keirns MA, Childs JD.  Outcomes achieved by patients status post ankle sprain treated with manual physical therapy and exercise interventions: a preliminary report. [platform presentation]. Annual Meeting American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Charlotte, NC; 2006.
5. Mintken P. Use of taping to maintain centralization of low back pain [poster presentation]. San Diego, CA; February 2006.
6. Mintken P. Cost Effectiveness of Direct Access to Physical Therapy Services in a University Setting. Rocky Mountain College Health Association Annual Meeting. [platform presentation]. Denver, CO. October 2005.
7. Mintken P. Directaccess physical therapy in a college health setting[poster presentation]. American College Health Association Annual Meeting. Fort Collins, CO; October 2003.

**Funded/In Review Grant Activity**

* McDevitt A, Cleland J, Mintken P (Co-investigator), Snodgrass S. Dry Needling and Eccentric-Concentric Exercise versus Traditional Physical Therapy in the Treatment of Individuals with Biceps Tendinopathy. Orthopaedic Physical Therapy Products Cardon Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Awarded: 2019. ($6000) Co-Investigator

* McDevitt A, Mintken P (Co-investigator), Glynn P, Cleland J. Thoracic Spine Thrust Manipulation for Cervicogenic Headaches: A Multi-Centered Randomized Clinical TriIl. Orthopaedic Physical Therapy Products Cardon Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Awarded: 2016. ($4000)

*Completed Support*

* McDevitt A, Cleland JA, Glynn PE, Mintken P (Co-Investigator). Thoracic Spine Thrust Manipulation for Cervicogenic Headaches: A Multi-Centered Randomized Clinical Trial. Cardon Rehabilitation Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Awarded: 2015. ($3,000).
* Lindley E, Patel V, Sawyer E, Mintken P (Co-Investigator). Validation of a New Sacroiliac-Joint Specific Disability Questionnaire. Sponsor: SI Bone Inc. Awarded 2013. ($48,834).
* Mintken P (Primary Investigator), Cleland J, Michener L, McDevitt A, Carpenter K, Boyles R, Burns, S, Strunce J. Validation of a Clinical Prediction Rule to Identify Patients with Shoulder Pain Likely to Benefit from Cervicothoracic Manipulation: A Randomized Clinical Trial. Orthopaedic Section, American Physical Therapy Association (APTA). Awarded: 2012. ($25,000).
* Hammerich A (PI), Cleland J, Mintken P (Co-investigator), Struessel T, Akuthota V, Whitman J. Epidural steroid injection versus epidural steroid injection and physical therapy in the management of lumbar spinal stenosis: a randomized clinical trial. Bob Doctor Research Grant, Colorado Chapter of the American Physical Therapy Association (APTA). Awarded: 2009. ($6,100).
* Cleland J (PI), Hammerich A, Mintken P (Co-investigator), Struessel T, Akuthota V, Whitman J. Epidural steroid injection versus epidural steroid injection and physical therapy in the management of lumbar spinal stenosis: a randomized clinical trial. Orthopaedic Section, American Physical Therapy Association (APTA). Awarded: 2009. ($25,000).
* Cleland J (PI), Mintken P (Co-investigator), Bieniek M, Whitman J, Keirns M. Manual therapy and exercise versus home exercises in the management of patients status post ankle sprain: a multi-center randomized clinical trial. Orthopaedic Physical Therapy Products (OPTP) Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Awarded: 2008. ($4000)
* Puentedura L (PI), Cleland J (Co-investigator), Mintken P (Co-investigator). Development of a clinical prediction rule to identify patients with neck pain likely to benefit from cervical spine manipulation. Cardon Rehabilitation Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Awarded: 2008. ($6,000).
* Struessel T (PI), Mintken P (Co-investigator), May J, Carpenter K, Sonnenberg E. An evidence-based paradigm: student perceived barriers to learning and practicing spinal manipulation. Orthopaedic Physical Therapy Products (OPTP) Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Awarded: 2007. ($4,000)
* Cleland J (PI), Mintken P (Co-investigator), Carpenter KC, Fritz JM, Glynn P, Whitman J, Childs JD. Validation of a Clinical Prediction Rule to Identify Patients with Neck Pain Likely to Benefit from Thoracic Spine Thrust Manipulation: A Randomized Clinical Trial. Foundation for Physical Therapy, Awarded 2007 ($40,000).
* Mintken P (PI), Cleland J, Whitman J, Keirns M. Development of a clinical predication rule to identify patients with shoulder pain, likely to benefit from cervicothoracic manipulation. Cardon Rehabilitation Grant from the American Academy of Orthopaedic Manual Physical Therapists (AAOMPT). Awarded: 2006. ($5,000)
* Whitman J (PI), Cleland J, Keirns M, Mintken P (Co-investigator)*.* Development of a clinical prediction rule to identify patient status post inversion ankle sprain likely to benefit from manual physical therapy interventions and exercise. Orthopaedic Section, American Physical Therapy Association (APTA). Awarded: 2006. ($7,500)

**Research Activity**

Mintken P, Fowler R, Boyles R, McDevitt A, Templeton R, Albin S, Koppenhaver S. Symmetry of resting tone, alignment, and strength in the pelvic region.

McDevitt A, Mintken P, Glynn P, Cleland J. Thoracic Spine Thrust Manipulation for Cervicogenic Headaches: A Multi-Centered Randomized Clinical Trial.

McDevitt A, Mintken P, Cleland J, Snodgrass S. Accuracy and Reliability of Biceps Tendon Palpation by Physical Therapists.

McDevitt A, Mintken P, Leibold R, Krause L, Borg M, Bravman J. Treatment of Patients with Chronic Bicipital Tendinopathy with Dry Needling and Eccentric Exercise: A Randomized Controlled Trial.

McDevitt A, Mintken P, Leibold R, Krause L, Borg M, Bravman J. Treatment of Patients with Chronic Bicipital Tendinopathy with Dry Needling and Eccentric Exercise: A Pilot Study.

**Continuing Education Workshops Conducted/Organized**

1. Manipalooza: A 3-day continuing education course on spinal and extremity manipulation. Denver, CO. April 2016.
2. Evidence-based Examination and Selected Interventions for Patients with Lower Extremity Disorders. Bakersfield, CA. September 2015.
3. Manipalooza: A 3-day continuing education course on spinal and extremity manipulation. Denver, CO. May 2015.
4. Evidence-based Examination and Selected Interventions for Patients with Lumbopelvic Spine and Hip Disorders. Austin, TX October 2014.
5. Manipalooza: A 4-day continuing education course on spinal and extremity manipulation. Denver, CO. May 2014.
6. Evidence-based Examination and Selected Interventions for Patients with Upper Extremity Disorders. Baton Rouge, LA. September 2013.
7. Evidence-based Examination and Selected Interventions for Patients with Cervical Spine Disorders. Indianapolis, IN. August 2013.
8. Manipalooza: A 4-day continuing education course on spinal and extremity manipulation. Denver, CO. May 2013.
9. Evidence-based Examination and Selected Interventions for Patients with Lumbopelvic Spine and Hip Disorders. Chicago, IL April 2013.
10. Evidence-based Examination and Selected Interventions for Patients with Upper Extremity Disorders. Indianapolis, IN. September 2012.
11. Evidence-based Examination and Selected Interventions for Patients with Cervical Spine Disorders. St Elmo, MN August 2012.
12. Manipalooza: A 4-day continuing education course on spinal and extremity manipulation. San Antonio, TX. May 2012.
13. Evidence-based Examination and Selected Interventions for Patients with Lumbopelvic Spine and Hip Disorders. Chicago, IL April 2012.
14. Orthopaedic Physical Therapy Update for the Extremities. Hosted by the UCD Physical Therapy Program. Greeley, CO; February 2012.
15. Evidence-based Examination and Selected Interventions for Patients with Lower Extremity Disorders. Roseville, CA. February 2012.
16. Evidence-based Examination and Selected Interventions for Patients with Lower Extremity Disorders. Regis University, Denver, CO. January 2012.

**Membership in Scientific/Professional Organizations**

Member, CU Physical Therapy Alumni Association, 1994-present

Member, Board of Directors, 1994 - 2004

President, 1997

Member, American Academy of Orthopaedic Manual Physical Therapists, 2005-present

AAOMPT Member Research Committee, 2008-present

Chair of task force to standardize manual therapy language, 2006-2009

[Wrote Clinical Practice Guidelines for terminology](https://www.ncbi.nlm.nih.gov/pubmed/18349498), 2008

Member, American Physical Therapy Association (APTA), 1994-present

Member Research Committee Orthopaedic Section, 2010-present

Research Platform Moderator Combined Sections Meetings, 2007-present

Represented APTA at interdisciplinary nomenclature group , 2008

Member and item writer for the Specialization Academy of Content Experts [(SACE)](http://www.abpts.org/ForSpecialists/Volunteer/SACE/) for board certification, 2008-2012

Member, Colorado Chapter of the APTA, 1994-present

Chair of the awards committee for the Colorado chapter APTA, 2005-2011

Director at Large for the Colorado chapter of the American Physical Therapy Association (APTA), 2011-2015

Member, American Academy of Medical Educators, 2016 – Present

**Consultative and Advisory Positions Held**

Advisory Board Member Baylor University Doctor of Physical Therapy Program, Dallas, TX

Editorial Board member: PTNow website. PTNow.org, 2012-2016

Associate Editor Journal of Manual and Manipulative Therapeutics 2015-present

Grant review committee Orthopedic Section APTA, 2010-present

Director at Large Colorado Chapter of the American Physical Therapy Association 2011-2015

**Community Service**

Associate Editor, *Journal of Manual and Manipulative Therapeutics,* 2015-present

Assistant Scoutmaster Boy Scouts of America [Troop 130](http://www.troop130golden.net) Golden, CO 2014-present

Cub Scout Den Leader Boy Scouts of America [Pack 736](http://www.wheatridge736.mypack.us/aboutus) Wheat Ridge, CO 2011-present

Manuscript Reviewer *Journal of Shoulder and Elbow Surgery,* 2012-present

Manuscript Reviewer, *Physical Therapy Reviews,* 2011-present

Manuscript Reviewer, *Physical Therapy in Sports,* 2011-present

Coordinator 9 Health Fair Physical Therapy Screens Augustana Church, 2010-present

Volunteer free physical therapy clinic organized by students at The Good Samaritan House in

Denver that serves uninsured individuals, 2010-present

Grant review committee Orthopedic Section APTA, 2010-present

Manuscript Reviewer, *Manual Therapy,* 2010-present

Manuscript Reviewer, *Journal of Manual and Manipulative Therapeutics,* 2010-present

Manuscript Reviewer, *Archives Physical Medicine and Rehabilitation,* 2009-present

Manuscript Reviewer, *Physiotherapy ,* 2009-present

Manuscript Reviewer, *Physical Therapy,* 2009-present

Grant review committee AAOMPT, 2008-present

Manuscript Reviewer, *Clinical Journal of Pain,* 2008-present

Manuscript Reviewer, *Journal of Orthopaedic and Sports Physical Therapy,* 2008-present

[Orthopaedic Clinical Specialist American Board of Physical Therapy Specialists](http://www.abpts.org/Certification/Orthopaedics/), 2004-present

Participant in Body in Balance screening for the 9 Health Fair, 1994-present

Editorial Board member: PTNow website. PTNow.org, 2012-2016

Past Member of the Human Research Committee (Institutional Review Board) University of Colorado at Boulder, 2000-2004

Yearly lectures on wellness to the Boulder campus community, 1994-2004

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

*University of Colorado Denver*

Continuing Education Provider for Medical Clinic CME, 2005-present

University of Colorado Boulder, Wardenburg Health Center Cofounder and provider in the Musculoskeletal Injury Clinic, 2000-present

University of Colorado Boulder, Wardenburg Health Center This is a student fee funded service that allows students to access physical therapy for free. To date we have treated over 15,000 CU Boulder Students in this clinic Recipient [Robert L. Stearns Award for Extraordinary Service](http://www.colorado.edu/alumni/events/annual-alumni-awards/robert-l-stearns-award) to the University, 2014

Member: Search Committee, Sports Medicine Primary Care Physician, University of Colorado Boulder, Wardenburg Health Center, 2008, 2010

Guest speaker Pre-Physical Therapy Club University of Colorado Boulder 2000-2006

Past Member of the Human Research Committee (Institutional Review Board) University of Colorado Boulder, 2000-2005

Lecturer for community wellness program. University of Colorado Boulder, 1994-2004

*Physical Therapy Program*

Member, Committee Developing Standardized Patient Experience, 2005-present

Member, Committee Patient Care Seminar series, 2005-present

Member, Committee Movement Science/Movement Analysis, 2006-present

Physical Therapy Program Assistant Professor Search Committee, 2007

Coordinated and/or taught annual evidence based update courses for CUPT Clinical Instructors that take physical therapy students in the clinic, 2007 - Present

Search Committee, Pediatric Physical Therapy Faculty, 2008

Physical Therapy Program Assistant Professor Search Committee, 2010

Member: Physical Therapy Program Curriculum Committee, 2010-present

*School of Medicine*

Member, Senior Faculty Advisory Committee Physical Therapy Program, 2016-present

IDPT 8004 Lecture: Physical and Occupational Therapists: Valuable members of the healthcare team. 2014-present

IDPT 5000/6000 Lab: Foundations of Doctoring Curriculum Phase I Musculoskeletal Physical Examination Session2008-present

Inaugural Speaker Interdisciplinary Lecture Series, School of Medicine, 2007

**Continuing Education Attended (last 5 years)**

1. American Physical Therapy Association’s Combined Sections Meeting. San Antonio, TX; February 2017;
2. American Academy of Orthopaedic Manual Physical Therapists Annual Meeting. St. Louis, MO; October 2016.
3. International Federation of Orthopaedic Manipulative Physical Therapists. Glasgow, Scotland; July 2016.
4. American Physical Therapy Association’s Combined Sections Meeting February 2016; Anaheim, CA
5. American Academy of Orthopaedic Manual Physical Therapists Annual Meeting. Lexington, KY; October 2015.
6. American Physical Therapy Association’s Combined Sections Meeting February 2015; Indianapolis, IN.
7. American Academy of Orthopaedic Manual Physical Therapists Annual Meeting. San Antonio, TX; October 2014.
8. American Physical Therapy Association’s Combined Sections Meeting February 2014. Las Vegas, NV.
9. American Academy of Orthopaedic Manual Physical Therapists Annual Meeting. Cincinnati, OH; October 2013.
10. Colorado Chapter Spring Convention, APTA. Denver, CO; April 2013.
11. American Physical Therapy Association’s Combined Sections Meeting February 2013. San Diego, CA.
12. Colorado Chapter Fall Convention, APTA. Denver, CO; October 2012.
13. International Federation Orthopaedic Manual Physical Therapists Annual Meeting– Quebec City, Canada. Saturday 29th September, 2012
14. Colorado Chapter Spring Convention, APTA. Denver, CO; April 2012.
15. Advanced Level 2 Dry Needling. Brighton, CO. November 2011.
16. American Academy of Orthopaedic Manual Physical Therapists Annual Meeting. Anaheim, CA; October 2011.
17. Colorado Chapter Spring Convention, APTA. Denver, CO; April 2011.
18. President's Teaching Scholars Spring Conference on Teaching. Anschutz Medical Pavilion. Aurora, CO. March 2011.
19. Laurie Hartman, DO, PhD. Osteopathic Manipulation for Physical Therapists. March 2011. Las Vegas, NV.
20. American Physical Therapy Association’s Combined Sections Meeting February 2011. New Orleans, LA.

**Current Teaching Responsibilities in the Entry-level Physical Therapy Program (in sequence, by semester)**

*Spring Semester*

DPTR 5401: Musculoskeletal Conditions I, Coordinator/Instructor

*Summer Semester*

DPTR 5001: Clinical Anatomy I, Instructor

DPTR 6402: Musculoskeletal Conditions II, Coordinator/Instructor

DPTR 7212: Joint Manipulation, Faculty Liaison

DPTR 7651: Clinical Reasoning Capstone, Instructor

*Fall Semester*

DPTR 6403: Musculoskeletal Conditions III, Coordinator/Instructor

DPTR 6205: Prosthetics and Orthotics, Instructor

*Clinical Teaching Activities*

Clinical Instructor (CI), physical therapy interns

Mentor to 15 Post-Doctoral Fellows in the Clinic

*School of Medicine (~150 students)*

Foundations of Doctoring Curriculum (SOM): Teaching musculoskeletal examination

to 1st year medical students. Preceptor. 2010-present

Integrated Clinicians Course (ICC) IDPT 8004: Educating 4th year medical students on the

role of physical therapy in health care. Instructor. 2015-present