

CURRICULUM VITAE

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Department of Physical Therapy
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Education:

University of Miami, Miami FL
August 1999 to May 2003, Magna Cum Laude
Doctor of Philosophy; Physical Therapy

Teachers College, Columbia University
Graduate Program in Movement Science (Motor Learning and Control)
New York City, New York
August 1998 to May 1999

University of South Australia, Adelaide, South Australia
January 1993 to August 1995
Masters of Applied Science; Manipulative Physiotherapy

Louisiana State University, New Orleans, Louisiana
June 1991 to May 1994
Masters of Health Science; Physical Therapy

Washington University, St. Louis, Missouri
August 1983 to October 1985
Bachelor of Science; Physical Therapy

Wichita State University, Wichita, Kansas
August 1980 to December 1984
Bachelor of Science; Biology

Licensure Information/Registration Number:

Physical Therapy licensure: Illinois 070-014548

National Athletic Trainers' Association: Member #: 811864

Employment and Positions Held:

Clinical Associate Professor, Program in Physical Therapy
Non-tenure track
University of Illinois at Chicago, Chicago, IL
September 2006 to present

Visiting Clinical Assistant Professor, Program in Physical Therapy
Non-tenure track
University of Illinois at Chicago, Chicago, IL
September 2005 to 2006

Director, Fellowship in Orthopedic Manual Physical Therapy
Program in Physical Therapy
University of Illinois at Chicago, Chicago, IL
September 2005 to present

Per-diem Physical Therapist
West Suburban Medical Center
Rehabilitation and Sports Medicine Center, Chicago IL
August 2007 to 2011

Research Associate, Program in Physical Therapy
Non-tenure track
University of Illinois at Chicago, Chicago, IL
September 2003 to September 2005

Graduate Assistant, Program in Physical Therapy
Non-tenure track
University Of Miami, Miami, Florida
August 1999 to May 2003

Adjunct Instructor, Program in Physical Therapy
Non-tenure track
Florida International University, Miami, Florida
August 2001-May 2003

Adjunct Instructor, Program in Physical Therapy
Non-tenure track
Columbia University, New York City, New York
September 1998-May 1999

Assistant Professor, Program in Physical Therapy
Non-tenure track
Nova Southeastern University, Fort Lauderdale, Florida
July 1996-May 1998

Adjunct Instructor, Department of Exercise and Sports Science

Non-tenure track
Tulane University, New Orleans, Louisiana
August 1989-December 1992, January 1994-June 1996

Physical Therapist
University Satellite Physical Therapy Clinic, Department of Orthopedics
Tulane University, New Orleans, Louisiana
February 1990-December 1992, January 1994-June 1996

Assistant Athletic Trainer
Tulane University, New Orleans, Louisiana
August 1989-December 1992, January 1994-June 1996

Athletic Trainer
Archbishop Shaw High School, New Orleans, Louisiana
August 1987-August 1989

Physical Therapist, Athletic Trainer
Crescent City Physical Therapy & Sports Rehabilitation, New Orleans, Louisiana
August 1987-August 1989

Staff Physical Therapist
Tulane Medical Center, New Orleans, Louisiana
November 1985-August 1987

Peer Reviewed Publications:

1. **Courtney CA**, Atre P, Foucher KC, Alsouhibani A Hypoesthesia after ACL reconstruction: the relationship between proprioception and vibration perception deficits in individuals greater than one year post-surgery (submitted: *American Journal of Sports Medicine*)
2. Griffin K, O’Hearn M, Franck CC, **Courtney CA** (2017) Passive accessory joint mobilization in the management of chronic dysesthesia following thalamic stroke (Submitted to *Disability and Rehabilitation*)
3. Ambite-Quesada S, Ariás-Buría JL, **Courtney CA**, Arendt-Nielsen L, Fernández-de-las-Peñas C. (2017) Exploration of Quantitative Sensory Testing in Latent Trigger Points and Referred Pain Areas (submitted: *Clinical Journal of Pain*)
4. Sampang F, **Courtney CA**, Stonefelt J (2017) Lumbar manipulation as an adjunct treatment to the multimodal conservative management of a patient with femoroacetabular impingement: a case report (submitted: *Journal of Bodywork and Movement Therapies*)
5. Foucher KC, Chmell SJ, **Courtney CA**. (2017) Sex Differences in Descending Pain Inhibition in People with Symptomatic Knee Osteoarthritis. (Submitted:

Clinical Orthopaedics and Related Research)

6. Lluch E, Nijs J, **Courtney CA**, Rebeck T, Wylde V, Baert I, Wideman T, Howell N, Skou ST. (2017) Clinical criteria for the classification of central sensitization pain in patients with knee osteoarthritis (*Disability and Rehabilitation; in press*)
7. Jayaseelan DJ, Scalzitti DA, Palmer G, Immerman A, **Courtney CA** (2017) The effects of manual therapy on individuals with anterior knee pain: A systematic review (submitted: *Clinical Rehabilitation*)
8. Gangopadhyaya A, **Courtney CA**, Rajagopal N, Khan A, Yudkowsky R. (2016) An interprofessional approach to teaching physical exam skills. (submitted to *Medical Education*)
9. Shaffer SM, Stuhr SH, Sizer PS, **Courtney CA**, Brismee JM. (2017) The status of temporomandibular and cervical spine education in post-professional physical therapy training programs recognized by Member Organizations of IFOMPT: an analysis of didactic and clinical education. (In press, *Journal of Manual and Manipulative Therapy*)
10. **Courtney CA**, Fernández-de-las-Peñas C, Bond S. (2017) Mechanisms of Chronic Pain - Key Considerations for Appropriate Physical Therapy Management. *Journal of Manual and Manipulative Therapy* 25(3):118-127.
11. **Courtney CA**, O'Hearn MA, Franck CC (2016). Frida Kahlo: a portrait of chronic pain. *Physical Therapy* 2017; 97(1):90-96.
12. Lantz JM, Mischke JJ, Emerson-Kavchak AJ, **Courtney CA** (2016) Tibiofemoral joint mobilization in the successful management of patellofemoral pain syndrome: A Case Report. *International Journal of Sports Physical Therapy* 11(3):1-12.
13. **Courtney CA**. (2015) A new look at arthritis management: nociceptive reflex excitability as a pain biomarker (invited editorial) *Arthritis Research & Therapy* Oct 28;17:303. DOI: 10.1186/s13075-015-0821-0.
14. Mischke JJ, Emerson-Kavchak AJ, **Courtney CA**. (2016) Effect of Sternoclavicular Mobilization on Pain and Function in a Patient with Massive Supraspinatus Tear. *Physiotherapy Theory and Practice*. 32(2):153-8.
15. **Courtney CA**, Steffen AD, Fernández-de-las-Peñas C, Kim J, Chmell SJ. (2016) Joint mobilization enhances conditioned pain modulation in individuals with osteoarthritis of the knee. *Journal of Orthopaedic and Sports Physical Therapy*. 46(3):168-76.

16. Sault JD, Emerson-Kavchak AJ, **Courtney CA**, Tow NS. (2016) Regional effects of orthopedic manual physical therapy in the successful management of chronic jaw pain. *Cranio*. Mar;34(2):124-32.
17. Shaffer SM, Brismee JM, **Courtney CA**, Sizer PS (2015) The status of temporomandibular and cervical spine disorders education in credentialed orthopedic manual physical therapy fellowship programs: a comparison of didactic and clinical education exposure. *Journal of Manual and Manipulative Therapy* 2015;23(1)51-56.
18. Jayaseelan DJ, **Courtney CA**, Kecman M, Alcorn D (2014) Increased quadriceps force generation following side-lying rotational lumbar thrust manipulation in a patient with pain and weakness following ACL reconstruction. *International Journal of Sports Physical Therapy* 9(7)991-1003.
19. **Courtney CA** and Fernández-de-las-Peñas C (2014) Unraveling the challenge of head and face pain. *Journal of Manual and Manipulative Therapy* 22(1):1. (editorial)
20. Fernández-de-las-Peñas C and **Courtney CA** (2014) Clinical reasoning for manual therapy management of headaches. *Journal of Manual and Manipulative Therapy* 22(1):46-52.
21. Shaffer SM, Brismee JM, Sizer PS, **Courtney CA** (2014) Temporomandibular disorders. Part 1: anatomy and examination/diagnosis. *Journal of Manual and Manipulative Therapy* 22(1):2-12.
22. Shaffer SM, Brismee JM, Sizer PS, **Courtney CA** (2014) Temporomandibular disorders. Part 2: conservative management. *Journal of Manual and Manipulative Therapy* 22(1):13-24.
23. Hensley CP and **Courtney CA**. (2014) Management of a patient with chronic low back pain and multiple medical conditions using a pain mechanisms classification approach. *Journal of Orthopaedic and Sports Physical Therapy* 44:6: 403-C2.
24. **Courtney CA**. (Invited Review) Mechanisms underlying the effects of manual therapy: a new look at an old concept. *Manuelletherapie* 2013;17:68-72.
25. **Courtney CA**, O'Hearn MA, Hornby TG. (Invited Review) Neuromuscular Function in Painful Knee Osteoarthritis. (2012) *Current Pain and Headache Reports*. 16(6):518-24.
26. **Courtney CA**, Rine RM, Jenk DT, Collier PD, Waters A. Enhanced proprioceptive acuity at the knee in the competitive athlete. *Journal of Orthopaedic and Sports Physical Therapy* 2013; 43:6:422-26.

27. Fernández-Lao C, Cantarero-Villanueva I, Del-Moral-Avila R, **Courtney CA**, Fernández-de-las-Peñas C, Arroyo-Morales M. Water versus land-based multimodal exercise program effects in body composition on breast cancer survivors: A controlled clinical trial. *Supportive Care in Cancer* 2013 Feb;21(2):521-30.
28. Geletka BJ, O' Hearn MA, **Courtney CA** (2012) Quantitative Sensory Testing Changes in the Successful Management of Chronic Low Back Pain *Journal of Manual and Manipulative Therapy* (20(1):16-22.
29. **Courtney CA** and Fernández-de-las-Peñas C (2011) Identifying the cut-point: the transition from acute to chronic musculoskeletal pain. *Journal of Manual and Manipulative Therapy* 19(4):185.
30. **Courtney CA**, Clark JD, Duncombe AM, O'Hearn MA (2011) Clinical presentation and manual therapy for lower quadrant musculoskeletal conditions. *Journal of Manual and Manipulative Therapy* 19(4):212-22.
31. Emerson Kavchak AJ, Fernández-de-las-Peñas C, Rubin LH, Arendt-Nielsen L, Chmell SJ, Durr RK, **Courtney CA** (2012) Association between altered somatosensation, pain and knee stability in patients with severe knee osteoarthritis. *Clinical Journal of Pain* Sep;28(7):589-94.
32. Lowry CD, O'Hearn M, **Courtney CA** (2011) Resolution of whiplash-associated allodynia following cervicothoracic thrust and non-thrust manipulation. *Physiotherapy Theory and Practice* 27(6):451-9
33. **Courtney CA**, Durr RK, Emerson-Kavchak AJ, Witte EO, Santos MJ (2011) Heightened flexor withdrawal responses following anterior cruciate ligament rupture are enhanced by passive tibial translation. *Clinical Neurophysiology* 122:1005–1010.
34. **Courtney CA**, Emerson-Kavchak AJ, Lowry C, O'Hearn M (2010) Interpreting Pain: Quantitative Sensory Testing in Musculoskeletal Management. *Journal of Orthopaedic and Sports Physical Therapy* 2010 Dec;40(12):818-25.
35. **Courtney CA**, Witte PO, Chmell SJ, Hornby TG (2010) Heightened flexor withdrawal response in individuals with knee osteoarthritis is modulated by joint compression and joint mobilization. *Journal of Pain* 11(2):179-85.
36. **Courtney CA**, Lewek MD, Witte PO, Chmell SJ, Hornby TG (2009) Heightened flexor withdrawal responses in subjects with knee osteoarthritis. *Journal of Pain* 10(12):1242-9.

37. Cook C, Brismée JM, **Courtney CA**, Hancock M, May, S (2009) Publishing a scientific manuscript on manual therapy. *Journal of Manual and Manipulative Therapy* 17(3):141-147.
38. **Courtney CA** and Rine RM (2006) Central somatosensory changes associated with improved dynamic balance in subjects with anterior cruciate ligament deficiency. *Gait and Posture*. 24(2):190-5.
39. **Courtney CA**, Rine RM and Kroll P (2005) Central somatosensory changes and altered muscle synergies in subjects with ACL-deficiency. *Gait and Posture*. 22; 69-74.
40. Anderson R, **Courtney CA**, Carmeli E (1998) EMG analysis of the vastus lateralis muscles utilizing the unloaded narrow- and wide-stance squats. *Journal of Sport Rehabilitation*. 7(4); 236-247.

Peer Reviewed Scientific and Professional Presentations:

Course Description:

1. Seitz AL, Hensley CP, **Courtney CA** (2017) Differential Diagnosis and Special Tests for Diagnosing Shoulder Pain (Annual Orthopaedic Section Meeting, San Diego CA, April 2017)
2. **Courtney CA**, Cleland JA, O'Grady W, Puentedura E. Treating the complicated orthopaedic patient: Four cases from four practitioners (Educational Session, Combined Sections Meeting of the American Physical Therapy Association, San Antonio TX, February 2017)
3. **Courtney CA**, Lluch Girbés E, Jull GA. Management of chronic knee osteoarthritis pain: where are we going? (Educational platform presentation: International Federation of Orthopaedic Manipulative Physical Therapists World Congress, Glasgow, Scotland, July 2016)
4. Hall T, Fernández de las Peñas C, Cleland JA, **Courtney CA**, Puentedura E Evidence-based and clinically-informed manual therapy clinical reasoning for management of headache: An integrated approach. (Educational platform presentation: International Federation of Orthopaedic Manipulative Physical Therapists World Congress, Glasgow, Scotland, July 2016)
5. **Courtney CA**, Cleland J, Fernández de las Peñas C, Puentedura E. Clinical reasoning for manual therapy management of tension type and cervicogenic headache (Invited, Educational Session, Combined Sections Meeting of the American Physical Therapy Association, Anaheim CA, February 2016)
6. **Courtney CA** (2015) The transition from acute to chronic musculoskeletal pain: assessments and principles for management. (Invited, one day seminar: West Virginia Physical Therapy Association Annual Conference, November 2015)

7. **Courtney CA - Masterclass:** La transición de dolor agudo a crónico: implicaciones para el manejo en fisioterapia musculoesquelética (Invited, Madrid Spain, March 7, 2015)
8. **Courtney CA** and O'Hearn MJ (2015) Integrating the basic science and clinical science of pain management into US Doctor of Physical Therapy programs. (Breakfast Round Table Discussion, Education Section, Combined Sections Meeting of the American Physical Therapy Association, Indianapolis IN, February 2015)
9. **Courtney CA** and O'Hearn MJ (2014) The transition from acute to chronic musculoskeletal pain: assessments and principles for management. (Invited, one day seminar: Indiana Physical Therapy Association Annual Conference, October 2014)
10. Lowry CD, and **Courtney CA** (2014) Shaping Clinical Reasoning: A Collaborative Approach Using Case Studies and Vignettes for Entry-level and Fellowship Students. (One-hour breakout sessions: American Academy of Orthopedic Manual Physical Therapy Conference, San Antonio, TX October 2014)
11. **Courtney CA** and O'Hearn MA (2013) The transition from acute to chronic musculoskeletal pain: assessments and principles for management. (One day seminar and two one-hour breakout sessions: American Academy of Orthopedic Manual Physical Therapy Conference, Cincinnati OH, October 2013)
12. **Courtney CA** (2012) The transition from acute to chronic musculoskeletal pain: assessments and principles for management. (One day seminar: Illinois Physical Therapy Association Annual Conference, Oct 2012)
13. **Courtney CA**, Clark JD, Rhon D (2012) Acute knee injury to chronic pain: clinical/neurophysiological features of osteoarthritic progression (Educational platform presentation: International Federation of Orthopaedic Manipulative Physical Therapists World Congress, Quebec City, Canada, October 2012)
14. **Courtney CA** (2012) Altered Pain Mechanisms Following Knee Joint Injury: Clinical Implications (Educational platform presentation: National Athletic Trainers Association Annual Conference, St Louis MO, June 2012)
15. **Courtney CA**, Duncombe, A O'Hearn MJ (2011) The challenge of spine-related extremity pain: clinical assessment and strategies for management (Educational platform presentation: American Academy of Orthopedic Manual Physical Therapy Conference, Anaheim CA, October 2011)
16. Cook C, **Courtney CA**, Brismee JM (2010) Tips on How to Publish a Paper on

- Manual Therapy (Educational platform presentation: American Academy of Orthopedic Manual Physical Therapy Conference, San Antonio TX, October 2010)
17. **Courtney CA**, Emerson-Kavchak AJ, Lowry CD, O’Hearn M (2009) Quantitative Sensory Testing: Basic Assessment Skills for the Identification of Impaired Pain Processing, (Educational platform presentation: American Academy of Orthopedic Manual Physical Therapy Conference, Washington DC, October 2009)
 18. **Courtney CA** (1991) Manual Therapy Techniques in the Training Room. (Educational platform presentation: Annual Convention of the National Athletic Trainers’ Association, New Orleans LA, June 1991)

Book Chapters

1. **Courtney CA** Gonarthrose 2: Manualtherapeutische Wirkmechanismen: Ein bekanntes Konzept neu betrachtet. In *Manuelletherapie: Anthology 2012-2016* (2018) (accepted)
2. **Courtney CA** and Jayaseelan D. Chapter 71. Long Extensors of Toes. In: *Myofascial Pain and Dysfunction: The Trigger Point Manual; Vol. 3., The Lower Extremities.* (accepted)
3. **Courtney CA** and Hensley CP. Ligamentous and Meniscal Injuries of the Knee. In: *Manual Therapy for Musculoskeletal Pain Syndromes of the Upper and Lower Quadrants: An Evidence and Clinical-Informed Approach.* Fernández-de-las-Peñas C, Cleland JC, Dommerholt J eds. (August 2015)

Letters to Editor

1. O’Hearn M, Lowry CD, Emerson-Kavchak AJ, **Courtney CA** (2009) Re: Interrater reliability of a new classification scheme for patients with neural low back-related leg pain Schafer A et al. *J Man Manip Ther* 17(4):E115 (Letter to editor)

Peer Reviewed Abstracts:

1. DiLiberto F, Henderson J, Teleron A, Vora A, **Courtney CA** (2017) Pressure pain threshold, self-reported pain and walking speed in people with end stage ankle osteoarthritis: a pilot study (American Academy of Orthopedic Manual Physical Therapy Conference, Salt Lake City NV, October 2017)
2. Chizewski K, **Courtney CA** (2017) Thrust and non-thrust mobilization as an alternative to eccentric exercise in the management of achilles tendinopathy: a case report. (American Academy of Orthopedic Manual Physical Therapy Conference, Salt Lake City NV, October 2017)

3. Wedewer W, Sault JD, **Courtney CA**. (2017) Management of chronic carpal tunnel syndrome and widespread mechanical pain sensitivity using noxious manual therapy at the thoracic spine: a case report
4. Sampang F, **Courtney CA** (2016) Lumbar manipulation as an adjunct treatment to the multimodal conservative management of a patient with femoroacetabular impingement: a case report (American Academy of Orthopedic Manual Physical Therapy Conference, St Louis MO, October 2016)
5. Semlow KA, Mentz M, **Courtney CA**. Integration of a visual, vestibular and manual therapy approach for post-concussion syndrome in a male soccer player: a case study. (American Academy of Orthopedic Manual Physical Therapy Conference, Louisville KY, October 2015)
6. Lantz JM, Mischke JJ, Emerson-Kavchak AJ, **Courtney CA**. The effects of joint mobilization manual therapy in the management of chronic nonspecific anterior knee pain: a case report. (American Academy of Orthopedic Manual Physical Therapy Conference, Louisville KY, October 2015)
7. Grindstaff, TL; **Courtney, CA**; McGrath, ML; Palimenio, MR; Wichman, CS; Turman, KA; Givens, DL. Transcutaneous electrical nerve stimulation increases quadriceps voluntary activation independent of sensory changes in individuals with a history of arthroscopic partial meniscectomy (submitted, Combined Sections Meeting of the American Physical Therapy Association, Anaheim CA, February 2016)
8. **Courtney CA**, Atre P, Alsouhibani AM. Somatosensory deficits persist following ACL reconstruction: quantitative sensory testing of proprioception, vibration perception threshold and pain(accepted, Combined Sections Meeting of the American Physical Therapy Association, Anaheim CA, February 2016)
9. Alsouhibani A, Atre, P, **Courtney CA**. Hypoesthesia in individuals with painful knee osteoarthritis: relationship between pain, function, vibratory detection deficits and diminished proprioception (Platform, Research Section, Combined Sections Meeting of the American Physical Therapy Association, Indianapolis IN, February 2015)
10. Ruggirello L, Emerson-Kavchak AJ, **Courtney CA** (2014) Manual Therapy and Vestibular Rehabilitation for a Complex Case of Whiplash Associated Dizziness: A Case Report (American Academy of Orthopedic Manual Physical Therapy Conference, San Antonio, October 2014)
11. **Courtney CA**, Alsouhibani A, Atre, P (2014) Relationship between pain, vibratory detection deficits, diminished proprioception and function: a comparison between chronic knee OA and post-rehabilitative ACL reconstruction (American Academy of Orthopedic Manual Physical Therapy Conference, San Antonio, October 2014)

12. Lulofs-MacPherson K and **Courtney CA** (2014) Physical therapy evaluation and diagnostic reasoning in the management of temporomandibular pain. (Combined Sections Meeting of the American Physical Therapy Association, Las Vegas NV, February 2014)
13. Mischke JM, Emerson-Kavchak AJ, **Courtney CA** (2013) Effect of sternoclavicular mobilization on pain and function in a patient with irreparable supraspinatus tear. (American Academy of Orthopedic Manual Physical Therapy Conference, Cincinnati OH, October 2013)
14. Lulofs-MacPherson K and **Courtney CA** (2013) To err is human: referral diagnosis and its influence on clinical reasoning in a patient with underlying cancer. (American Academy of Orthopedic Manual Physical Therapy Conference, Cincinnati OH, October 2013)
15. **Courtney CA** and Fernández-de-las-Peñas C (2013) Changes in descending pain inhibition following application of joint mobilization in individuals with chronic knee osteoarthritis (Combined Sections Meeting of the American Physical Therapy Association, San Diego CA, January 2013)
16. **Courtney CA** and Fernández-de-las-Peñas C (2012) Modulation of Pressure Pain Threshold and Impaired Diffuse Noxious Inhibitory Control Responses following joint mobilization in Individuals with Knee Osteoarthritis (International Association for the Study of Pain, 14th World Congress on Pain, Milan, Italy, August 2012)
17. Hensley CP, **Courtney, CA** (2012) Comprehensive management of a patient with chronic low back pain and a complex medical history using a pain-mechanisms classification approach: A case report. (International Federation of Orthopaedic Manipulative Physical Therapists World Congress, Quebec City, Canada, October 2012)
18. Aggen P, **Courtney CA** (2012) Groin pain, foot drop, and unusual neuroprovocation signs in a 54 year old female. (International Federation of Orthopaedic Manipulative Physical Therapists World Congress, Quebec City, Canada, October 2012)
19. **Courtney CA** and Fernández-de-las-Peñas C (2012) The Effect of Joint Mobilization on Diffuse Noxious Inhibitory Control in Individuals with Osteoarthritis of the Knee. (International Federation of Orthopaedic Manipulative Physical Therapists World Congress, Quebec City, Canada, October 2012)
20. Hensley CP, Emerson-Kavchak A, **Courtney, CA** (2011) A manual therapy technique and management of a patient with peroneal tendinopathy. (Combined Sections Meeting of the American Physical Therapy Association, Chicago, IL,

February 2012)

21. Hensley CP, Emerson-Kavchak A, **Courtney, CA** (2011) A novel manual therapy technique and management of a patient with peroneal tendinopathy: a case report. (American Academy of Orthopedic Manual Physical Therapy Conference, Anaheim CA, October 2011)
22. Geletka, B, O'Hearn, M, and **Courtney, CA.** (2011). Quantitative sensory testing changes in the successful management of chronic low back pain. Poster presentation – Ohio Physical Therapy Association Fall Scientific Symposium, Columbus, OH, Oct 14, 2011)
23. **Courtney CA**, Durr RK, Emerson-Kavchak AJ, Witte EO, Santos MJ (2010) Sensitization of Nociceptive Responses is Maintained in Individuals Following Anterior Cruciate Ligament Rupture (American Academy of Orthopedic Manual Physical Therapy Conference, San Antonio TX, October 2010)
24. Emerson Kavchak AJ, Durr RK, Chmell SJ, **Courtney CA** (2010) Altered Somatosensation and Complaints of Knee Instability in Subjects with Severe Knee Osteoarthritis (American Academy of Orthopedic Manual Physical Therapy Conference, San Antonio TX, October 2010)
25. **Courtney CA**, Durr RK, Emerson-Kavchak AJ, Witte EO, Santos MJ (2010) Heightened Flexor Responses Following ACL Rupture Are Enhanced By Passive Tibial Translation (International Association for the Study of Pain, 13th World Congress on Pain, Montreal, Canada, Aug 2010)
26. **Courtney CA**, Durr RK, Emerson-Kavchak AJ, Witte EO, Santos MJ (2010) Heightened Flexor Responses Following ACL Rupture Are Enhanced By Passive Tibial Translation (38th Annual Midwest Connective Tissue Workshop, Chicago IL, May 2010)
27. Duncombe A, Rubin L, **Courtney CA** (2009) Orthopedic manual physical therapy fellowship training results in improved clinical outcomes for patients with low back pain (American Academy of Orthopedic Manual Physical Therapy Conference, Washington DC, October 2009)
28. Emerson-Kavchak AJ, Durr RK, Rubin L, **Courtney CA** (2009) Altered Somatosensation and Complaints of Knee Instability in Subjects with Knee Osteoarthritis are Modulated by Joint Mobilization (American Academy of Orthopedic Manual Physical Therapy Conference, Washington DC, October 2009)
29. **Courtney CA**, Durr RK, Emerson-Kavchak AJ, Witte EO, Santos MJ (2009) Heightened Flexor Withdrawal Responses in Individuals with Anterior Cruciate Ligament Rupture are Enhanced by Anterior Tibial Translation at the Knee

- (Australian Physiotherapists Association Biennial Conference, Sydney, Australia, October 2009)
30. Duncombe A, Kabbaz VJ, **Courtney CA** (2009) Orthopedic Manual Physical Therapy Fellowship Training Results in Improved Clinical Outcomes in Modified Low Back Pain Disability Questionnaire: Preliminary Data (Illinois Physical Therapy Association Annual Conference, Bloomington, IL, September 2009)
 31. Duncombe A, Kabbaz VJ, **Courtney CA** (2008) Orthopedic Manual Physical Therapy Fellowship Training Results in Improved Clinical Outcomes in Modified Low Back Pain Disability Questionnaire: Preliminary Data (American Academy of Orthopedic Manual Physical Therapy Conference, Seattle, WA, October 2008)
 32. **Courtney CA**, Janowski AJ, Chmell SJ, Hornby TG (2008) Exaggerated Flexor Reflexes Observed with Knee Osteoarthritis Are Not Diminished following Grade V Spinal Manipulation. (International Federation of Orthopaedic Manipulative Therapists' Conference, Rotterdam Netherlands, June 2008)
 33. **Courtney CA**, Witte PO, Chmell SJ, Hornby TG (2008) Joint compression and joint mobilization modulate flexor withdrawal responses in subjects with knee osteoarthritis. (Segal North American Osteoarthritis Workshop, Chicago IL, May 2008)
 34. **Courtney CA**, Lewek MD, Witte PO, Hornby TG (2007) Joint mobilization and volitional contraction modulate flexor withdrawal responses in subjects with knee osteoarthritis. (American Academy of Orthopedic Manual Physical Therapy Conference, St Louis, MO, October 2007)
 35. **Courtney CA**, Lewek MD, Witte PO, Hornby TG (2007) Exaggerated flexor reflexes observed with knee osteoarthritis are diminished following joint mobilization. (Musculoskeletal Physiotherapy Australia 15th Biennial Conference, Cairns, Australia, October 2007)
 36. Johnson RD, **Courtney CA** (2007) Identification of potential factors suggesting double crush phenomenon: two case reports. (Combined Sections Meeting of the American Physical Therapy Association, Boston, MA, February 2007)
 37. Johnson RD, **Courtney CA** (2006) Identification of potential factors suggesting double crush phenomenon: two case reports. (American Academy of Orthopedic Manual Physical Therapy Conference, Charlotte, NC, October 2006)
 38. **Courtney CA**, Lewek MD, Hornby TG (2006) Enhanced flexor withdrawal in response to osteoarthritic knee pain (Annual Conference of the American Physical Therapy Association, Orlando, FL, June 2006)
 39. **Courtney CA**, Lewek MD, Hornby TG (2005) Preliminary evidence of enhanced flexor withdrawal in response to osteoarthritic knee pain. (American Academy of

- Orthopedic Manual Physical Therapy Conference, Salt Lake City, UT, October 2005)
40. **Courtney C**, Rine RM, Jenk D, Collier P, Waters A & Maceda M. (2004) Proprioception is enhanced in highly trained athletes. (Combined Sections Meeting of the American Physical Therapy Association, Tampa, FL, February 2004)
 41. **Courtney C**, Rine RM, Kroll P (2003) Preliminary evidence of altered leg muscle activation patterns and central changes in subjects with ACL deficiency and good functional outcome. (Combined Sections Meeting of the American Physical Therapy Association, Tampa, FL, February 2003)
 42. **Courtney C**, Rine RM (2003) Modified postural and gait synergies predict functional outcome in subjects with ACL deficiency. (Society for Neuroscience Annual Meeting, New Orleans, LA, November 2003)
 43. **Courtney C**, Kroll P, Field-Fote E, Rine RM (2002) Evidence of altered sensory-motor characteristics in subjects with ACL deficiency: preliminary data. (Annual Conference of the American Physical Therapy Association, Cincinnati, OH, June 2002)
 44. **Courtney C**, Kroll P, Rine RM (2002) Emergence of altered postural synergies in subjects with ACL deficiency. (Society for Neuroscience Annual Meeting, Orlando, FL, November 2002)
 45. **Courtney C** (1995) The effect of repetitive pitching on eccentric and concentric torque ratios of the shoulder rotators in collegiate baseball pitchers. (Annual Conference of the Louisiana Sports Medicine Society, New Orleans, Louisiana, December 1995)
 46. Warren B and **Courtney C** (1990) A comparison of the sit and reach test and test of active knee extension for assessment of hamstring flexibility in athletes. (Annual Conference of the American Alliance for Health Physical Education Recreation and Dance, April, 1990)

Non-Peer Reviewed Publications:

1. **Courtney CA** (2017) Frida's Pain. Oxford University Press – Invited blog posting in reference to journal publication:

Courtney CA, O'Hearn MA, Franck CC (2016). Frida Kahlo: a portrait of chronic pain *Physical Therapy* 2017; 97(1):
1. **Courtney CA** (2012) Functional Instability and Neurophysiologic Changes Following Anterior Cruciate Ligament Injury. *International Congress of*

Physical Therapy and Research

2. **Courtney C**, Harris A, Blen R, Smith J and Fosdick D (1989) Stretching for water polo. *United States Water Polo, Inc., National Development Committee*
3. Ryan J and **Courtney C** (1988) Exercising at home. *Diabetes Forecast*. February.
4. Ryan J and **Courtney C** (1987) Exercising at home for the diabetic. *Diabetes*. Winter.

Non-Peer Reviewed Presentations:

1. The transition from acute ACL injury to knee osteoarthritis: is accelerated return to sport in the patient's best interest? *Advanced Concepts in the Management of Hip and Knee Pathology*, Chicago IL October 4-6, 2013
2. Clinical Reasoning in Post-Professional Education. University of Chicago Department of Physical Therapy, Chicago IL, March 2010
3. AAOMPT Fellows' Ten Year Renewal Process. Presented at the American Academy of Orthopedic Manual Physical Therapy Conference, Seattle, WA, October 2008
4. Evidence Based Practice: Cervical Manipulation. Chicago Physical Therapy Directors' Forum, February 2007
5. Manual Therapy of the Shoulder. Conference on Pathomechanics and Treatment of the Throwing Shoulder, Orlando, Florida. February 29, 1992.

Funded/In Review Grant Activity:

Courtney CA: Flexor Withdrawal Response in Individuals with Osteoarthritis of the Knee. Arthritis Foundation New Investigator Award
\$150,000; 9-1-06 to 9-1-09
Primary Investigator, 50% effort, funded

Sizer PS, Tichenor CJ, **Courtney CA**, Cook C, Hegadus E, Boissonnault W: Examining the Role of Fellowship Education on Clinical Decision-Making: A Clinical Vignette Study. Cardon Rehabilitation Products Grant.
\$6000; 11-1-09 to 11-1-10
Co-investigator, 0% effort, funded

Phillips S, **Courtney CA:** The mechanism of increased susceptibility to exercise induced vascular dysfunction after traumatic knee injury
NFL Charities
\$100,000, 1-1-11 to 6-30-12
Co-primary investigator, 10% effort, not funded

Foucher KC, Wimmer M, **Courtney CA:** Novel Rehabilitation Strategies for Improved Hip Abductor Recovery After THR

NIH R21 PAR-10-282
\$275,000, 7-1-2011 to 6-30-2013
Co-investigator, 10% effort, not funded

Courtney CA: The Effect of Joint Mobilization on Diffuse Noxious Inhibitory Control Mechanisms in Individuals with Osteoarthritis of the Knee
Orthopaedic Section, American Physical Therapy Association
\$25,000, 7-1-2011 to 6-30-2013
Primary Investigator, 10% effort, funded

Courtney CA: Management of cancer related pain and nociceptive sensitization in first year following diagnosis through E-TAKE CARE: A telerehabilitation approach.
American Cancer Society
\$120,000, 7-13 to 6-30-15
Primary Investigator, 20% effort, not funded

Courtney CA (PI: Terry Grindstaff): Motor and Sensory Deficits Following Partial Meniscectomy
Health Future Foundation Faculty Development Grant, Creighton University
\$20,000, 7-13 to 6-30-15
Co-investigator, 0% effort, funded

Courtney CA: Motor and Sensory Deficits Following Partial Meniscectomy
Creighton University Faculty Development Grant, Creighton University
\$60,000, 7-13 to 6-30-15
Co-investigator, 0% effort, not funded

Courtney CA: Effect of Fit and Strong! on pain and sleep quality in chronic knee OA. Midwest Roybal Center for Health Promotion and Translation, University of Illinois
\$40,000, 9-1-13 to 8-31-14
Primary Investigator, 5% effort, not funded

UIC Diversity Cluster Proposal: Health promotion for racially and ethnically diverse older adults.
PIs, Sue Hughes and Tamar Heller.
Total proposal \$1,137,583; 2013
Co-investigator; funded.

Sex Specific Rehabilitation for Total Hip Arthroplasty
Total Proposal \$1,632,539. 7-1-17 to 6-30-22
Primary Investigator: Kharma Foucher
Co-investigator: **Courtney CA**; 20% effort; not funded.

Membership in Scientific/Professional Organizations:

American Physical Therapy Association

- Orthopaedic Section member
- Research Section member
- Education Section member

National Athletic Trainers Association

American Academy of Orthopaedic Manual Physical Therapists

International Association for the Study of Pain

Continuing Education Workshops Conducted/Organized:

1st Annual Distinguished Lecture on the Science of Manual Therapy: 'Pain and the Brain' G. Lorimer Moseley. October 18, 2006, 4 hour lecture; University of Illinois at Chicago

2nd Annual Distinguished Lecture on the Science of Manual Therapy: 'Mechanisms behind Manual Therapy Intervention' Julie Fritz. November 9, 2007, 4 hour lecture; University of Illinois at Chicago

3rd Annual Distinguished Lecture on the Science of Manual Therapy: 'The Challenge of Neck Pain Treatment' Anita Gross. October 18, 2008, 4 hour lecture; University of Illinois at Chicago

4th Annual Distinguished Lecture on the Science of Manual Therapy: 'Differential Diagnosis of Disease States Masquerading as Pain Syndromes: The Role of the Physical Therapist' William Boissonnault. September 25, 2009, 4 hour lecture; University of Illinois at Chicago

5th Annual Distinguished Lecture on the Science of Manual Therapy: 'Clinical Reasoning for Manual Therapy in Tension Type and Cervicogenic Headaches: An Evidence-Based Approach' Cesar Fernandez de las Penas. September 3, 2010, 4 hour lecture; University of Illinois at Chicago

6th Annual Distinguished Lecture on the Science of Manual Therapy: 'Neuromechanics and Clinical Management of Ankle Sprains and Chronic Ankle Instability' Jay Hertel. September 30, 2011. 4 hour lecture; University of Illinois at Chicago

7th Annual Distinguished Lecture on the Science of Manual Therapy: 'Reflections on the Role of Biomechanics in Testing the Presumptions of Manual Therapy' Kornelia Kulig. November 9, 2012. 4 hour lecture, University of Illinois at Chicago

8th Annual Distinguished Lecture on the Science of Manual Therapy: 'Tendinopathy and Manual Therapy: Evidence for mechanisms and clinical efficacy' Bill Vicenzino, September 13 2013. 4 hour lecture; University of Illinois at Chicago

9th Annual Distinguished Lecture on the Science of Manual Therapy: 'Manual Therapy an Identity or a Tool? What is the relationship to Movement?' Shirley Sahrman, October 10, 2014. 4 hour lecture; University of Illinois at Chicago

10th Annual Distinguished Lecture on the Science of Manual Therapy: The Translation of Orthopedic Manual Therapy Research into Practice: Finding a Common Language Guy Simoneau, November 20, 2015. 4 hour lecture; University of Illinois at Chicago

11th Annual Distinguished Lecture on the Science of Manual Therapy: (Manual Therapy: The Past, Present, and Future) Josh Cleland, November 11th, 2016. 4 hour lecture; University of

Illinois at Chicago

12th Annual Distinguished Lecture on the Science of Manual Therapy: James Elliott, November 3rd, 2017. 4 hour lecture; University of Illinois at Chicago

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

a. Divisional

- Nova Southeastern University
 - Physical Therapy Admissions Committee
 - July 1996 to May 1998

- University of Illinois at Chicago
 - Orthopedic Manual Physical Therapy Fellowship Admissions Committee, Chair
 - June 2005 to present
 - Curriculum Committee, 2007-2008, 2012-13
 - Graduate Faculty Comprehensive Exam Committee, March 2007
 - Department Faculty Advisory Committee, 2010-2011
 - Masters of Rehabilitation Science Admissions Committee, 2010-12
 - College of Applied Health Sciences, PhD in Kinesiology, Nutrition and Rehabilitation, Admissions Committee, January 2012 to present
 - Department of Physical Therapy Space Committee, September 2012 – present
 - Department of Physical Therapy Awards Committee, September 2012 – present

- Chair of taskforce to development College of Applied Health Sciences Clinical/non-tenure track mentorship guidelines (2013)

b. Institutional

- Nova Southeastern University
 - Library Acquisitions Committee
 - July 1996 to May 1998

- University of Illinois at Chicago
 - Appointment to Graduate Faculty
 - February 2007 to present; Full member

- University of Illinois at Chicago, College of Applied Health Sciences
 - Student Affairs Committee
 - September 2012 to 2015

- University of Illinois at Chicago Committee on Interprofessional Education
 - September 2016 to present

- University of Illinois at Chicago, College of Applied Health Sciences
 - Taskforce on Simulation Education

- September 2016 to present

c. Professional

American Academy of Orthopaedic Manual Physical Therapists

- International Affairs Committee
 - October 2004 to 2007
- Membership Committee
 - June 2006 to June 2007
- Standards Committee
 - February 2007 to 2015
 - Chair, 2010 to 2015
- Sub-committee for the Revision of Educational Standards, Chair
 - June 2008 – 2011
- Education Committee co-chair
 - October 2016 to present

American Physical Therapy Association

Illinois Physical Therapy Association

- Research Awareness and Support Task Force (May 2014 to June 2015)

American Physical Therapy Association Orthopaedic Section

- Public Relations Committee, member (April 2015 – present)

American Physical Therapy Association Orthopaedic Section

- Nomination Committee member (Feb 2016 – present)

European Journal of Pain

- Manuscript reviewer, August 2017 to present

Journal of Manual and Manipulative Therapy

- Deputy Editor January 2009 - 2015
- Manuscript reviewer, January 2009 to present

Journal of Orthopaedic & Sports Physical Therapy

- Manuscript reviewer, April 2007 to present

Arthritis Care and Research

- Manuscript reviewer, October 2008 to present

Journal of Pain

- Manuscript reviewer, October 2009 to present

Journal of Pain Research

- Manuscript reviewer, May 2011 to present

Clinical Neurophysiology

- Manuscript reviewer, July 2011 to present

Clinical Journal of Pain

- Manuscript reviewer, July 2011 to present

Journal of Electromyography and Kinesiology

- Manuscript reviewer, December 2012 to present

Physical Therapy Journal

- Manuscript reviewer, August 2013 to present

Arthritis & Rheumatology

- Manuscript reviewer, August 2014 to present

Grant Reviewer: Arthritis Research UK – August 2017

Invited submission of test bank questions for ***Physical Rehabilitation, 6th Edition***
December 2012

Invited: President's Task Force to investigate the direct and indirect costs of
AAOMPT supporting all aspects of the status/credential for AAOMPT Fellows
September 2014

Invited: American Academy of Orthopedic Surgeons (AAOS) Department of
Research and Scientific Affairs Workgroup for the Development of AAOS
Clinical Practice Guideline on the Management of Anterior Cruciate Ligament
Injuries (October 2014)

Invited Reviews:

1. External examiner, Doctor of Philosophy (name withheld), advisor: Marie Hoeger-Bement: *Underlying pain mechanisms of exercise induced analgesia*. **Marquette University**, Milwaukee, WI July 2017.
2. Invited review of documents for Faculty Promotion: **Northeastern University**, Boston MA, Department of Physical Therapy, June 2017 (faculty member name withheld)
3. Invited review of documents for Faculty Promotion: **University of Miami**, Miami FL, Department of Physical Therapy, May 2017 (faculty member name withheld)
4. Invited review of documents for Faculty Promotion to full Tenured Professor: **Rush University**, Chicago IL, Department of Internal Medicine 2014 (faculty member name withheld)

5. Invited commentary on Faculty Promotion: **University of the Pacific**, Stockton CA, August 2013 (faculty member name withheld)
6. External examiner, Doctor of Philosophy (name withheld), advisor: Bill Vicenzino: *Underlying pain mechanisms for lateral epicondylalgia*. **The University of Queensland**, Brisbane, Australia, October 2012.
7. External examiner, Doctor of Clinical Physiotherapy thesis, (name withheld), advisor: Rana Hinman. *Somatosensory Dysfunction in Knee Osteoarthritis*, **The University of Melbourne**, Melbourne, Australia, April 2012.
8. External examiner, Doctor of Science thesis, (name withheld) Advisor: Jean-Michel Brismee. **Texas Tech University**, Lubbock, TX, August 2012.
9. Invited review of documents for Faculty Promotion: **Temple University**, Philadelphia, PA, Department of Physical Therapy 2011 (faculty member name withheld)
10. International External Peer Review: Grant - Health Research Board – **Ireland**, December 2011

Honors and Awards:

1. 2016 *Journal of Orthopaedic & Sports Physical Therapy* Excellence in Research Award
2. UIC 2016-2017 Teaching Recognition Program (TRP) award
3. 2015 American Academy of Orthopaedic Manual Physical Therapists John McMillan Mennell Service Award
4. 2015 Excalibur Award for Teaching Excellence. University of Illinois College of Applied Health Sciences.
5. Invited Keynote: Jornadas de actualización en fisioterapia - fisioterapia invasiva: punción seca, electrolisis y acupuntura. March 2015, Madrid Spain.
6. Awarded UIC Department of Physical Therapy Excellence in Education Award 2013
7. Invited Guest Editor: *Journal of Manual and Manipulative Therapy*: Scientific Principles and Current Trends in the Management of Head Pain: 22:1.2014
8. Podcast Interview for *Evidence in Motion* Online Journal Club (Feb 2013) on “Clinical Presentation and Manual Therapy for Lower Quadrant Musculoskeletal Conditions” *JMMT 2011*: 19(4):212-22.

9. Invited Keynote Lecture: Jornadas de Actualizacion en Fisioterapia: Control Motor, Dolor Y Ejercicio Terapeutico: “Neuromuscular function following lower extremity joint injury ” (Universidad Rey Juan Carlos, Madrid, Spain, March 1, 2013)
10. *Invited Keynote Lecture*: Colegio Fisioterapuetas de Andalucia: 'Functional Instability and Neurophysiologic Changes Following Anterior Cruciate Ligament Injury' (Seville, Spain, November 2011)
11. Invited Guest Editor: ***Journal of Manual and Manipulative Therapy***: Scientific Principles and Current Trends in the Management of Musculoskeletal Pain (Issue: 2011:19(4):185-246.
12. *Invited Keynote Lecture*: Jornadas de Actualizacion en Fisioterapia: Fisioterapia y Dolor: “Clinical Presentation and Manual Therapy for Lower Quadrant Musculoskeletal Conditions” (Universidad Rey Juan Carlos, Madrid, Spain, March 2011)
13. Richard Erhard Excellence in Research Award - American Academy of Orthopaedic Manual Physical Therapy (Poster Presentation): Emerson Kavchak AJ, Durr RK, Chmell SJ, **Courtney CA** (2011) Altered Somatosensation and Complaints of Knee Instability in Subjects with Severe Knee Osteoarthritis (Anaheim, CA, October 2011)
14. Richard Erhard Excellence in Research Award: **Courtney CA**, Lewek MD, Witte PO, Hornby TG: Joint mobilization and volitional contraction modulate flexor withdrawal responses in subjects with knee osteoarthritis. American Academy of Orthopedic Manual Physical Therapy Conference (October 2008)
15. Awarded S.K. Campbell Award for Excellence in Teaching, May 2006
16. Named, Fellow of the American Academy of Orthopaedic Manual Physical Therapy, November 2004
17. USA Medical Team (athletic trainer) Summer Olympic Games, Barcelona, Spain; *Men's Gymnastics*; July-August 1992
18. USA Medical Team (athletic trainer) Pan American Games, Havana, Cuba; *Swimming/Women's Field Hockey*; August 1991
19. USA Medical Team (athletic trainer) Women's National *Handball* Team Tour of Czechoslovakia and Austria; January/February 1991

20. USA Medical Team (athletic trainer) Olympic Sports Festival, Minneapolis, MN, *Men's Field Hockey*; Summer 1990
21. Invitation from the United States Olympic Committee to serve as athletic trainer at the Olympic Training Center, Colorado Springs, Colorado; July/August 1989

Invited Lectures

1. **Marshall University**, Department of Physical Therapy, 'Pain mechanisms underlying the transition from acute to chronic musculoskeletal pain' May 31, 2017
2. **Rush University**, Department of Rheumatology, 'Acute knee injury to chronic pain: clinical and neurophysiological features of osteoarthritic progression' May 21, 2015
3. **Northwestern University**, The transition from acute to chronic musculoskeletal pain: assessments and principles for management' March 21 2013
4. **University of Granada**, 'Interpreting musculoskeletal pain: clinical presentation in lower quarter conditions' Granada, Spain, November 2011
5. **Maitland Symposium**, "Interpreting musculoskeletal pain: clinical presentation and quantitative sensory testing in the lower quadrant" Chicago IL, October, 2011
6. **Chicagoland Physical Therapy Directors Forum**, 'Post-professional Residency and Fellowship Training' Chicago IL, September 2011
7. **Rush University**, Department of Anatomy and Biochemistry, 'Altered Nociception and Function in Individuals with Chronic Osteoarthritis of the Knee' December 2010

Continuing Education Attended

APTA Combined Sections Meeting (annually)

American Academy of Orthopaedic Manual Physical Therapists Annual Meeting (annually)

International Federation of Orthopaedic Manual Physical Therapists 2012 (Quebec City, Canada)

International Federation of Orthopaedic Manual Physical Therapists 2016 (Glasgow, Scotland)

Current Teaching Responsibilities in the Entry-level Doctor of Physical Therapy Program

PT 631 Musculoskeletal Dysfunction I Fall Semester 2nd year
PT 632 Musculoskeletal Dysfunction II Spring Semester 2nd year
PT 670 Topics in Sports Physical Therapy Spring Semester 2nd year

Current Teaching Responsibilities in the Orthopedic Manual Physical Therapy Certificate Program

PT 585	Clinical Mentorship II	Fall Semester
PT 581	Clinical Reasoning and OMPT II	Fall Semester
PT 583	Manipulation and OMPT II (co-coordinator)	Fall Semester
PT 584	Clinical Mentorship I	Spring Semester
PT 580	Clinical Reasoning and OMPT I	Spring Semester
PT 582	Manipulation and OMPT I (co-coordinator)	Spring Semester