

# Emilio “Louie” Puentedura, PT, DPT, PhD, OCS

Associate Professor and Graduate Coordinator  
Coordinator, PhD in Interdisciplinary Health Sciences –  
Rehabilitation Sciences Track

Fellow of the American Academy of Orthopaedic Manual Physical Therapists

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## Education

PhD	<b>Nova Southeastern University, Fort Lauderdale</b> – Fort Lauderdale, Florida	2006-2011	Physical Therapy
DPT	<b>Northern Arizona University</b> – Flagstaff, Arizona	2004-2005	Physical Therapy (Distinction)
GDMT	<b>La Trobe University</b> – Melbourne, Australia	1982-1983	Manipulative Therapy
BAppSc	<b>La Trobe University</b> – Melbourne, Australia	1976-1980	Physiotherapy

## Licensure

- Nevada State Board of Physical Therapy Examiners, License #2301

## Certifications

- Orthopaedic Certified Specialist (OCS) by the American Board of Physical Therapy Specialties (1997), #2020; (recertification April 2007) #13463; (recertification June 2017).
- Credentialed Clinical Instructor, APTA Clinical Education Certification, April 1998.
- Fellow, American Academy of Orthopaedic Manual Physical Therapists, March 2006 – 2016; re-certification 2016.

## Employment

July 2013 – present	<b>Associate Professor</b> (Tenured) - Department of Physical Therapy, School of Allied Health Sciences, Division of Health Sciences, University of Nevada, Las Vegas, NV
April 2015 – present	<b>Guest Lecturer</b> - Department of Physical Therapy, College of Health and Human Services, Northern Arizona University, Phoenix, AZ
June 2013 – Dec 2015	<b>Adjunct Professor</b> - PhD in Physical Therapy Program, Nova Southeastern University, Fort Lauderdale, FL
July 2007 – June 2013	<b>Assistant Professor</b> (tenure-track) – Department of Physical Therapy, School of Allied Health Sciences, Division of Health Sciences, University of Nevada, Las Vegas, NV
Sep 2005 – Sep 2009	<b>Guest Lecturer</b> - Department of Physical Therapy, College of Health and Human Services, Northern Arizona University, Flagstaff, AZ
April 2004 – July 2007	<b>Guest Lecturer</b> - Department of Physical Therapy, School of Allied Health Sciences, Division of Health Sciences, University of Nevada, Las Vegas, NV
July 1995 – July 2007	<b>Orthopedic Specialist</b> , Outpatient Physical Therapist S.W. Rehabilitation Associates, Yuma, AZ
July 1987 – July 1995	<b>Physiotherapist/Owner</b> , Ballarat Physiotherapy Group, Ballarat, Victoria, Australia

Feb 1984 – July 1995	<b>Physiotherapist/Owner</b> , Horsham Physiotherapy Practice, Horsham, Victoria, Australia
Feb 1984 – July 1987	<b>Staff Physiotherapist</b> , Ballarat Physiotherapy and Manipulative Therapy Practice, Ballarat, Victoria, Australia
Oct 1982 – Feb 1983	<b>Staff Physiotherapist</b> , Ballarat Physiotherapy Group (Associates), Ballarat, Victoria, Australia
Oct 1980 – Oct 1982	<b>Staff Physiotherapist</b> , Queen Elizabeth Geriatric Center, Ballarat, Victoria, Australia

**Peer Reviewed Publications** ([Google Scholar](#), [ResearchGate](#), [Mendeley](#), [orcid.org/0000-0003-4771-4732](http://orcid.org/0000-0003-4771-4732))

1. Louw A, Podolak J, Zimney K, Schmidt S, **Puentedura EJ**. Can Pain Beliefs change in Middle School Students: A study of the effectiveness of Pain Neuroscience Education. *Physiotherapy Theory and Practice* 2017 [Accepted 3/22/2017]
2. Hanney WJ, **Puentedura EJ**, Kolber MJ, Liu X, Pabian PS, Cheatham S. The Immediate Effects of Manual Stretching and Cervicothoracic Junction Manipulation on Cervical Range of Motion and Upper Trapezius Pressure Pain Thresholds. *Journal of Back and Musculoskeletal Rehabilitation* 2017 [Accepted 3/22/2017]
3. Louw A, **Puentedura EJ**, and Nijs J. A clinical perspective on a Pain Neuroscience Education approach to Manual Therapy. *Journal of Manual and Manipulative Therapy* 2017 [Accepted 3/16/2017]
4. Kranenburg HA, Scmitt M, Luijckx G, **Puentedura EJ**, van der Schans CP. Adverse events associated with the use of cervical spine manipulation or mobilization and patient characteristics: A Systematic Review. *Musculoskeletal Science and Practice (formerly Manual Therapy)* 2017 [Accepted 1/16/2016]
5. Mintken P, McDevitt A, **Puentedura EJ**, Louw A. Use of Neuroscience education, tactile discrimination, limb laterality and graded motor imagery in a patient with frozen shoulder. *Musculoskeletal Science and Practice (formerly Manual Therapy)* 2017 25(9):e74  
[http://www.manualtherapyjournal.com/article/S1356-689X\(16\)30143-6/pdf](http://www.manualtherapyjournal.com/article/S1356-689X(16)30143-6/pdf)
6. Kranenburg HA, Scmitt M, Luijckx G, **Puentedura EJ**, van der Schans CP. Adverse events associated with the use of cervical spine manipulation or mobilization and patient characteristics: A Systematic Review. *Musculoskeletal Science and Practice (formerly Manual Therapy)* 2017 25(9):e125-e126  
[http://www.manualtherapyjournal.com/article/S1356-689X\(16\)30257-0/abstract](http://www.manualtherapyjournal.com/article/S1356-689X(16)30257-0/abstract)
7. Louw A, Diener I, Landers MR, Zimney K, **Puentedura EJ**. Three-year follow-up of an RCT comparing preoperative neuroscience education for patients undergoing surgery for lumbar radiculopathy. *Journal of Spine Surgery* 2016 [Accepted 11/30/2016]
8. Louw A, **Puentedura EJ**, Zimney K, Cox T, Rico D. The clinical implementation of pain neuroscience education: A survey study. *Physiotherapy Theory and Practice* 2016 [Accepted 11/11/2016]
9. Louw A, Podolak J, Zimney K, Schmidt S, **Puentedura EJ**. Life Skills 101: Pain neuroscience education for middle school. *Physiotherapy Theory and Practice* 2016 [in review]
10. Louw A, **Puentedura EJ**, Diener A. A descriptive study of the utilization of physical therapy for postoperative rehabilitation in patients undergoing surgery for lumbar radiculopathy. *Eur Spine J.* 2016 25(11):3550-3559  
<https://www.ncbi.nlm.nih.gov/pubmed/26914095>
11. Louw A, Diener I, **Puentedura EJ**, Fernandez-de-las-Penas C. Sham Surgery in Orthopaedics: A systematic review of the literature. *Pain Medicine.* 2016 July 11 pii:pnw164 [Epub ahead of print]  
<http://www.ncbi.nlm.nih.gov/pubmed/27402957>
12. Louw A, Zimney K, **Puentedura EJ**. Retention of Pain Neuroscience Knowledge: A Multi-Center Trial. *New Zealand Physiotherapy Journal.* 2016 44(2):91-96  
doi: 10.15619/NZJP/44.2.05
13. Louw A, **Puentedura EJ**, Zimney K. Teaching patients about pain: It works, but what should we call it? *Physiotherapy Theory and Practice* 2016 32(5):328-331 <http://www.ncbi.nlm.nih.gov/pubmed/27400331>

14. **Puentedura, EJ**, Flynn, T. Combining manual therapy with pain neuroscience education in the treatment of chronic low back pain. A narrative review of the literature. *Physiotherapy Theory and Practice* 2016 32(5):408-414 <http://www.ncbi.nlm.nih.gov/pubmed/27362980>
15. Louw A, Zimney K, **Puentedura EJ**, Diener, I. The Efficacy of Therapeutic Neuroscience Education on Musculoskeletal Pain – A Systematic Review of the Literature. *Physiotherapy Theory and Practice* 2016 32(5):332-355. <http://www.ncbi.nlm.nih.gov/pubmed/27351541>
16. **Puentedura EJ**, Slaughter R, Reilly S, Ventura E, Young D. Thrust Joint Manipulation utilization by US Physical Therapists. *Journal of Manual and Manipulative Therapy* 2016 Jun 16 [Epub ahead of print] <http://www.tandfonline.com/doi/full/10.1080/10669817.2016.1187902>
17. Louw A, **Puentedura EJ**, Zimney K, Schmidt, S. Know Pain, Know Gain? A Perspective on Pain Neuroscience Education in Physical Therapy. *JOSPT* 2016 46(3):131-134
18. Costello M, Cleland J, **Puentedura EJ**, Ciccione A. The immediate effects of soft tissue mobilization versus therapeutic ultrasound for patients with neck and arm pain with evidence of neural mechanosensitivity: A randomized clinical trial. *Journal of Manual and Manipulative Therapy* 2016 24(3):128-140 DOI: <http://dx.doi.org/10.1179/2042618614Y.0000000083>
19. Cox T, **Puentedura EJ**, Louw A. An abbreviated therapeutic neuroscience education session improves pain knowledge in first year physical therapy students but does not change attitudes and beliefs. *Journal of Manual and Manipulative Therapy* [Accepted November 2015] <http://www.tandfonline.com/doi/full/10.1080/10669817.2015.1122308>
20. Louw A, **Puentedura EJ**, Zimney K. A clinical contrast: physical therapists with low back pain treating patients with low back pain. *Physiotherapy Theory and Practice*. 2015 31(8):562-567
21. Louw A, Schmidt SG, Louw C, **Puentedura EJ**. Moving without moving: immediate management following lumbar spine surgery using a graded motor imagery approach: a case report. *Physiotherapy Theory and Practice*. 2015 31(7):509-517
22. Louw A, **Puentedura EJ**, Diener I, Peoples RR. Preoperative therapeutic neuroscience education for lumbar radiculopathy: a single-case fMRI report. *Physiotherapy Theory and Practice*. 2015 31(7):496-508
23. Louw A, Diener I, **Puentedura EJ**. The short term effects of preoperative neuroscience education for lumbar radiculopathy: a case series. *International Journal of Spine Surgery*. 2015 9(11):1-12
24. **Puentedura EJ**, O'Grady, WH. Response: Letter to the Editor on Safety of thrust joint manipulation in the thoracic spine: A systematic review. *Journal of Manual and Manipulative Therapy* 2015 23(3):174-175
25. **Puentedura EJ**, O'Grady, WH. Safety of thrust joint manipulation in the thoracic spine: A systematic review. *Journal of Manual and Manipulative Therapy* 2015 23(3):154-161
26. **Puentedura EJ**, Cleland JA. Towards a greater appreciation of manual therapy challenges in the thoracic spine. *Journal of Manual and Manipulative Therapy* 2015 23(3):121-122
27. Louw A, Diener I, **Puentedura EJ**. Comparison of Terminology in patient education booklets for lumbar surgery. *International Journal of Health Sciences*. 2014 2(3):47-56 <http://dx.doi.org/10.15640/ijhs.v2n3a5>
28. Louw A, **Puentedura EJ**. Therapeutic Neuroscience Education, Pain, Physiotherapy and the Pain Neuromatrix. *International Journal of Health Sciences*. 2014 2(3):33-45 URL: <http://dx.doi.org/10.15640/ijhs.v2n3a4>
29. Sueki DG, Dunleavy K, **Puentedura EJ**, Baker LL, Speilholz NI, Cheng MS. The Role of Associative Learning and Fear in the Development of Chronic Pain - A Comparison of Chronic Pain and Post Traumatic Stress Disorder. *Physical Therapy Reviews*. 2014, 19(5):352-366
30. Louw A, Diener I, Landers MR, **Puentedura EJ**. Preoperative Pain Neuroscience Education for Lumbar Radiculopathy: A multi-center randomized controlled trial with one-year follow-up. *Spine*. 2014, 39(18):1449-1457
31. Castellote-Caballero Y, Valenza MC, **Puentedura EJ**, Fernandez-de-las-Penas C, Albuquerque-Sendin F. Immediate effects of neurodynamic sliding versus muscle stretching on hamstring flexibility in subjects with short hamstring syndrome. *Journal of Sports Medicine* 2014 <http://dx.doi.org/10.1155/2014/127471>
32. Landers MR, **Puentedura EJ**, Louw A, McCauley A, Rasmussen Z, Bingham, T. A population-based survey of lumbar surgery beliefs in the United States *Orthopaedic Nursing* 2014 33(4):207-216

33. Zimney K, Louw A, **Puentedura EJ**. Use of Therapeutic Neuroscience Education to address Psychosocial Factors associated with acute low back pain: A case report *Physiotherapy Theory Practice* 2014 30(3):202-209
34. Williams M, Harveson L, Melton J, Delobel A, **Puentedura EJ**. The acute effects of upper extremity stretching on throwing velocity in baseball throwers *Journal of Sports Medicine* 2013  
<http://dx.doi.org/10.1155/2013/481490>
35. Landers MR, vom Steeg BL, Addis K, Longhurst J, **Puentedura EJ**, Daubs, M. Anterior cervical decompression and fusion on neck range of motion, pain and function: a prospective analysis *The Spine Journal* 2013 13(11): 1650-1658
36. Castellote-Caballero Y, Valenza MC, Martin-Martin L, Cabrera-Martos I, **Puentedura EJ**, Fernandez-de-las-Penas C. Effects of a neurodynamic sliding technique on hamstring flexibility in healthy male soccer players. A pilot study. *Physical Therapy in Sport*. 2013 14(3):156-162
37. Louw A, Diener I, Butler DS, **Puentedura EJ**. Preoperative education addressing postoperative pain in total joint arthroplasty: Review of content and educational delivery methods. *Physiotherapy Theory and Practice*. 2013; 29(3):175-194
38. Louw A, Diener I, Butler DS, **Puentedura EJ**. Development of a preoperative educational program for lumbar radiculopathy. *American Journal of Physical Medicine and Rehabilitation*. 2013 92(5):446-452
39. Saavedra-Hernandez M, Arroyo-Morales M, Cantarero-Villaneuva I, Fernandez-Lao C, Castro-Sanchez A, **Puentedura EJ**, Fernandez-de-las-Penas C. Short-term effects of spinal thrust joint manipulation in patients with chronic mechanical neck pain: a randomized clinical trial. *Clinical Rehabilitation*. 2013 27(6):504-512
40. De la Llave-Rincon AI, Ortega-Santiago R, Ambite-Quesada S, Gil-Grujera A, **Puentedura EJ**, Valenza Me, Fernandez-de-las-Penas C. Response of pain intensity to soft tissue mobilization and neurodynamic technique: a series of 18 patients with chronic carpal tunnel syndrome. *Journal of Manipulative and Physiological Therapeutics* 2012; 35(6):420-427
41. Valenza MC, Valenza G, Munoz-Casabob T, Botella-Lopez M, **Puentedura EJ**, Arroyo-Morales M, Fernandez-de-las-Penas C. Epidemiology of sleep-related complaints associated with obstructive sleep apnea, insomnia and non-restorative sleep in an at-risk population in Granada, Spain. *Sleep and Biological Rhythms*. 2012; 10(3):222-230
42. Louw A, Diener I, Butler DS, **Puentedura EJ**. Preoperative education for lumbar radiculopathy: a survey of US spine surgeons. *International Journal of Spine Surgery*. 2012; 6(1):130-139
43. **Puentedura EJ**, Louw A. A neuroscience approach to managing athletes with low back pain. *Physical Therapy in Sport*. 2012; 13(3):123-133
44. **Puentedura EJ**, Cleland JA, Landers MR, Mintken P, Louw A, Fernandez-de-las-Penas C. Development of a clinical prediction rule to identify patients with neck pain likely to benefit from thrust joint manipulation to the cervical spine. *JOSPT* 2012; 42(7):577-592  
[Winner – 2013 Rose Excellence in Research Award]
45. De la Llave-Rincon AI, **Puentedura EJ**, Fernandez-de-las-Penas C. New advances in the mechanisms and etiology of carpal tunnel syndrome. *Discovery Medicine* 2012; 13(72):343-8
46. **Puentedura EJ**, March J, Anders J, Perez A, Landers MR, Wallmann H, Cleland JA. Safety of cervical spine manipulation: are adverse events preventable and are manipulations being performed appropriately? A review of 134 case reports. *Journal of Manual and Manipulative Therapy* 2012; 20(2):66 – 74  
[Winner – 2012 John Medeiros Distinguished Author Award]
47. Mendez-Sanchez R, Gonzalez-Iglesias J, Puente-Gonzalez, AS, Sanchez-Sanchez JL, **Puentedura EJ**, Fernandez-de-las-Penas, C. Effects of manual therapy on craniofacial pain in patients with chronic rhinosinusitis: a case series. *Journal of Manipulative and Physiological Therapeutics* 2012; 35(1):64-72
48. Louw A, **Puentedura EJ**, Mintken P. Use of an abbreviated neuroscience education approach in the treatment of chronic low back pain: a case report. *Physiother Theor Pract*. 2012; 28(1):50-62.
49. De-la-Llave-Rincon A, **Puentedura EJ**, Fernandez-de-las-Penas, C. Clinical presentation and manual therapy for upper quadrant musculoskeletal conditions. *Journal of Manual and Manipulative Therapy* 2011; 19(4):201-211

50. Louw A, Diener A, Butler DS, **Puentedura EJ**. The effect of Neuroscience Education on pain, disability, anxiety, and stress in chronic musculoskeletal pain. *Archives of Physical Medicine and Rehabilitation* 2011; 91:2041-56
51. **Puentedura EJ**, Huijbregts PA, Celeste S, Edwards D, In A, Landers MR, Fernandez-de-las-Penas. Immediate effects of quantified hamstring stretching: Hold-relax proprioceptive neuromuscular facilitation versus static stretching. *Physical Therapy in Sport*. 2011; 12(3):122-6.
52. **Puentedura EJ**, Landers MR, Cleland JA, Mintken PE, Huijbregts P, Fernandez-de-las-Penas C. Thoracic spine thrust manipulation versus cervical spine thrust manipulation in patients with acute neck pain: a randomized clinical trial. *JOSPT* 2011; 41(4):208-220.
53. McWhorter JW, Landers MR, Young D, **Puentedura E**, Hickman RA, Brooksby C, Liveratti M, Taylor L. Knee extension isometric torque production differences based on verbal motivation given to introverted and extroverted female children. *Physiother Theory Pract*. 2011; 27(6):422-428
54. **Puentedura EJ**, Landers MR, Hurt K, Meissner M, Mills J, Young D. Immediate effects of lumbar spine manipulation on the resting and contraction thickness of transversus abdominis in asymptomatic individuals. *JOSPT* 2011; 41(1):13-21.
55. **Puentedura EJ**, Brooksby, CL, Wallmann, HW, Landers, MR. Physical Therapy Rehabilitation following Lumbosacral Percutaneous Nucleoplasty. A case study. *JOSPT* 2010; 40 (4): 214 - 224.

### Books Published

1. Louw A, **Puentedura EJ**. Therapeutic Neuroscience Education. Teaching patients about pain. A guide for clinicians. OPTP, Minneapolis, MN, 2013. ISBN: 978-0-9857186-4-0
2. Louw A, Flynn TW, **Puentedura EJ**. Everyone has back pain. OPTP, Minneapolis, MN, 2015. ISBN: 978-0-9904230-8-9

### Book Chapters Published

1. **Puentedura E**, Louw A, Mintken PE, Diener I. *Neurodynamic Approaches for Migraines*. In: Multidisciplinary Management of Migraine: Pharmacological, Manual, and Other Therapies. Fernández de las Peñas C, Chaitlow L, Schoenen J, editors. Burlington, MA: Jones and Bartlett; ISBN: 978-1-4496-0050-1.
2. **Puentedura E**. *Spinal Manipulation*. In: Clinical Orthopaedic Rehabilitation, 3<sup>rd</sup> Edition. Brotzman S.B. and Manske, RC. Elsevier, Philadelphia, PA, 2011. ISBN-978-0-323-05590-1
3. **Puentedura E**. *Neurodynamics*. In: Clinical Orthopaedic Rehabilitation, 3<sup>rd</sup> Edition. Brotzman S.B. and Manske, RC. Elsevier, Philadelphia, PA, 2011. ISBN-978-0-323-05590-1
4. **Puentedura E**. *Specific Lumbar Stabilization*. In: Clinical Orthopaedic Rehabilitation, 3<sup>rd</sup> Edition. Brotzman S.B. and Manske, RC. Elsevier, Philadelphia, PA, 2011. ISBN-978-0-323-05590-1
5. Mintken P, **Puentedura E**, Louw A. *Neurodynamic interventions and physiological effects: Clinical neurodynamics in neck and upper extremity pain*. In: Neck and Arm Pain Syndromes: Evidence-Informed Screening, Diagnosis, and Management in Manual Therapy. Fernandez de las Penas C, Cleland J, Huijbregts P, editors. Churchill Livingstone, Elsevier, 2011. ISBN-978-0-7020-3528-9
6. **Puentedura E**, Louw A, Mintken P. *Neurodynamic Interventions for the Management of Patients with Headache*. In: Physical Therapy for Tension Type and Cervicogenic Headache: Physical Examination, Muscle and Joint Management. Fernández de las Peñas C, Arendt-Nielsen L, Gerwin R, editors. Sudbury, MA: Jones and Bartlett; 2009. ISBN-10: 0-7637-5283-5
7. Louw A, Mintken P, **Puentedura E**. *Neuro-physiological Effects of Neural Mobilization Maneuvers*. In: Physical Therapy for Tension Type and Cervicogenic Headache: Physical Examination, Muscle and Joint Management. Fernández de las Peñas C, Arendt-Nielsen L, Gerwin R, editors. Sudbury, MA: Jones and Bartlett; 2009. ISBN-10: 0-7637-5283-5
8. **Puentedura, E.J.** & Butler, D.S. (2008) Clinical Neurodynamics in Cervical and Cervicobrachial Pain Torres Cuco, R. (Ed) Síndromes articulares de la columna cervical y su tratamiento manipulativo (Articular



syndromes of the cervical spine and their manipulative treatments) in Spanish. *Editorial Medica Panamericana*, S. A. ISBN10 8479037083

#### Peer Reviewed Scientific and Professional Presentations:

1. Courtney, C, **Puentedura, EJ**, Cleland, JA, O'Grady, W. Combined Sections Meeting 2017, "Treating the complicated orthopaedic patient: four cases from four practitioners," APTA CSM, San Antonio, TX. (February 17, 2017)
2. Mintken, P, McDevitt, A, **Puentedura, E J**, Louw, A, AAOMPT Conference 2016, Integration of Neuroscience Education, Tactile Discrimination, Limb Laterality and Graded Motor Imagery In An Individual With Frozen Shoulder, American Academy of Orthopedic Manual Physical Therapists, St. Louis MO. (October 4, 2016). [First Place 5 X 5: Education Topics Best Platform Winner]
3. Park, E, **Puentedura, EJ**, Rappaport, J Power Ortho: How to manage Spine Injuries. Western Occupational & Environmental Medical Association WOEMA 2016. Red Rock Resort, Las Vegas NV (September 15, 2016)
4. Courtney, C, Cleland, JA, **Puentedura, EJ**, Hall, T, and Fernandez-de-las-Penas, C. Evidence-based clinically-informed manual therapy clinical reasoning for headache management. IFOMPT 2016 Glasgow, Scotland. (July 8, 2016)
5. **Puentedura, EJ** ISPI Annual Clinical Conference, "Chronic Low Back Pain: What you see is what you get," International Spine Pain Institute, Minneapolis, MN. (June 25, 2016).
6. **Puentedura, EJ** Spinal Manipulation: A Physical Therapy Approach, 3-day course, Physioscience Centro de Estudios, Rio De Janeiro, Brasil. (April 4-6, 2016)
7. **Puentedura, EJ** Therapeutic Neuroscience Education: Educating patients about pain, 3-day course, Physioscience Centro de Estudios, Rio De Janeiro, Brasil. (April 1-3, 2016)
8. **Puentedura, EJ**, Cleland, JA, Courtney, C, Fernandez-de-las-Penas, C, Combined Sections Meeting 2016, Clinical Reasoning for Manual Therapy Management of Tension-Type and Cervicogenic Headache, APTA CSM, Anaheim CA. (February 20, 2016).
9. **Puentedura, EJ**, Louw, A, Combined Sections Meeting 2016, Preoperative Neuroscience Education for Lumbar Radiculopathy, APTA CSM, Anaheim CA. (February 20, 2016).
10. Mintken, P, McDevitt, A, **Puentedura, E J**, Louw, A, Combined Sections Meeting 2016, Use of Neuroscience Education, Limb Laterality, Tactile Discrimination and Graded Motor Imagery During the Freezing Stage of Frozen Shoulder: A Case Report, APTA CSM, Anaheim CA. (February 20, 2016). Poster Presentation
11. **Puentedura, EJ**, Reilly, S, Slaughter, R, Ventura, E, Combined Sections Meeting 2016, Utilization Of Spinal Manipulation: A Survey Study, APTA CSM, Anaheim CA. (February 19, 2016).
12. **Puentedura, EJ**, Translating Research to Practice: Putting "what works" to work, "Efficacy of Spinal Manipulation," New Zealand Manipulative Physiotherapists Association, Christchurch, New Zealand. (August 23, 2015).
13. **Puentedura, EJ** (Panelist), Sizer, P (Panelist), Cleland, J (Panelist), Mulligan, B (Panelist), Translating Research to Practice: Putting "what works" to work, "The translation of research into practice - why is this such a challenge?," New Zealand Manipulative Physiotherapists Association, Christchurch, New Zealand. (August 23, 2015).
14. **Puentedura, EJ**, Translating Research to Practice: Putting "what works" to work, "Safety of Spinal Manipulation," New Zealand Manipulative Physiotherapists Association, Christchurch, New Zealand. (August 22, 2015).
15. **Puentedura, EJ**, Translating Research to Practice: Putting "what works" to work, "Therapeutic Neuroscience Education for Physical Therapists," New Zealand Manipulative Physiotherapists Association, Christchurch, New Zealand. (August 20, 2015 - August 21, 2015).
16. **Puentedura, EJ**, ISPI Annual Clinical Conference, "Manipulating the Brain in Low Back Pain," International Spine Pain Institute, Minneapolis, MN. (June 20, 2015).
17. **Puentedura, EJ**, NAU Phoenix Campus, "Therapeutic Neuroscience Education," Northern Arizona University, Department of Physical Therapy, Phoenix, AZ. (April 17, 2015).

18. **Puentedura, EJ**, Therapeutic Neuroscience Education: Teaching patients about pain, "Therapeutic Neuroscience Education," Universidad Alcala de Henares, Alcala de Henares, Spain. (March 8, 2015 - March 9, 2015).
19. **Puentedura, EJ**, Fisioterapia invasiva: Puncion seca, electrolisis y acupuntura, "Trigger Point Dry Needling and Changes in Muscle Thickness," Universidad Rey Juan Carlos, Madrid, Spain. (March 6, 2015).
20. **Puentedura, EJ**, Buckingham, S, Montoya, C, Morton, D, Combined Sections Meeting 2015, "The effect of trigger point dry needling to the multifidus muscle on resting and contracted thickness of transversus abdominis in healthy subjects," APTA CSM Indianapolis, IN. (February 6, 2015).
21. Fosberg, KK, Bohnet, S, Durant, J, Elkind, J, **Puentedura, EJ**, Combined Sections Meeting 2015, "The effects of thrust joint manipulation on the resting and contraction thickness of transversus abdominis in patients with low back pain," APTA CSM, Indianapolis, IN. (February 6, 2015).
22. Sueki, D, Dunleavy, K, **Puentedura, EJ**, Combined Sections Meeting 2015, "Untamed Memories: The role of past trauma in the development of chronic pain," APTA CSM, Indianapolis, IN. (February 6, 2015).
23. **Puentedura, EJ**, Fall Conference, "Craniofacial/ Cervical Conditions and Treatment," Colorado Physical Therapy Association, Parker, CO. (November 8, 2014).
24. Hartman, LS, O'Grady, WH, **Puentedura, EJ**, Annual National Conference, "Osteopathic Manipulation," American Academy of Orthopedic Manual Physical Therapy, San Antonio, TX. (October 22, 2014 - October 23, 2014).
25. **Puentedura, EJ**, 3rd Annual Conference, "The Neuroscience of Neurodynamics," International Spine Pain Institute (ISPI), Minneapolis, MN. (June 21, 2014).
26. Zimney, K, Louw, A, **Puentedura, EJ**, APTA NEXT 2014, "Use of therapeutic neuroscience education to address psychosocial factors associated with acute low back pain: A case report," APTA, Charlotte, NC. (June 12, 2014 - June 15, 2014).
27. **Puentedura, EJ**, Masters in Manual Therapy, "Therapeutic Neuroscience Education," Universidad Alcala de Henares, Madrid, Spain. (May 30, 2014 - June 1, 2014).
28. **Puentedura, EJ**, Masters in Manual Therapy, "Therapeutic Neuroscience Education," Universidad de las Baleares, Palma de Mallorca, Spain. (May 23, 2014 - May 25, 2014).
29. **Puentedura, EJ**, Spring Conference, "Classification Based Approach to Manual Therapy for the Cervical Spine," Minnesota Physical Therapy Association, Minneapolis, MN. (April 25, 2014 - April 26, 2014).
30. Landers, M, Addis, K, Longhurst, J, vom Steeg, B, **Puentedura, EJ**, Daubs, M, Combined sections Meeting, "Anterior cervical decompression and fusion improves neck range of motion: a prospective analysis," APTA CSM, Las Vegas, NV. (February 5, 2014 - February 8, 2014).
31. O'Grady, WH, **Puentedura, EJ**, Combined sections Meeting, "Thrust Joint Manipulation Skills," APTA CSM, Las Vegas, NV. (February 2, 2014 - February 3, 2014).
32. **Puentedura, EJ**, AAOMPT 2013 Conference, "Thrust Joint Manipulation Skills Development for the Cervical Spine," American Academy of Orthopedic Manual Physical Therapists, Cincinnati OH. (October 19, 2013 - October 20, 2013).
33. **Puentedura, EJ**, 2nd Annual Conference, "Manipulating the vertebral artery: weighing the risks and benefits of cervical spine manipulation," International Spine Pain Institute. Kansas City, MO (June 8, 2013).
34. **Puentedura, EJ**, Pitt-Marquette Challenge 2013, "Classification-Based Treatment of Neck Pain," University of Pittsburgh Doctor of Physical Therapy Program. (April 13, 2013).
35. **Puentedura, EJ**, III Jornadas de Actualizacion en Fisioterapia: Control motor, dolor y ejercicio, "Spinal Manipulation and Motor Control in the Lumbo-Pelvic Spine," Universidad Rey Juan Carlos, Madrid, Spain. (March 2, 2013).
36. **Puentedura, EJ**, Louw, A, Timko, M, Combined Sections Meeting, "Spinal Manipulation for Physical Therapists," APTA CSM (January 20, 2013 - January 21, 2013).
37. **Puentedura, EJ**. Fall Conference, "Classification Based Approach to management of neck pain," Utah Physical Therapy Association, Salt Lake City, UT. (October 13, 2012).

38. **Puentedura, EJ.** “Development of a Clinical Prediction Rule to Identify Patients with Neck Pain Likely to Benefit from Cervical Spine Manipulation”, Oral Presentation at IFOMPT 2012 Qebec City, Qebec, Canada Sep 30 – Oct 5, 2012
39. **Puentedura, EJ.** “The effect of neuroscience education on pain, disability, anxiety, and stress in chronic musculoskeletal pain”, Oral Presentation at IFOMPT 2012 Qebec City, Qebec, Canada Sep 30 – Oct 5, 2012 [Second place winner AAOMPT Platform Presentation Awards]
40. **Puentedura, EJ.** “Mechanisms of Manual Therapy”, Keynote Address at ISPI Inaugural Annual Meeting in Kansas City, MO, June 16, 2012
41. Louw, A, **Puentedura EJ.** Neurodynamic evaluation and intervention for individuals with upper extremity dysfunction. APTA CSM 2012, Chicago, IL, February 2012 (2 day pre-conference course)
42. Louw, A, **Puentedura EJ.** Complex Regional Pain: The Brain and Pain. APTA CSM 2012, Chicago, IL, February 2012 (2 hour presentation)
43. **Puentedura EJ,** Thoracic Spine Thrust Manipulation versus Cervical Spine Thrust Manipulation in patients with Acute Neck Pain: A randomized clinical trial, APTA CSM 2012, Chicago, IL, February 2012 (15 minute platform presentation)
44. **Puentedura EJ,** Thrust Joint Manipulation for the Cervical Spine, APTA CSM 2012, Chicago, IL, February 2012 (2 hour presentation)
45. **Puentedura EJ,** Landers MR, McCauley A, Rasmussen Z, Louw A, Bungum T. “A population-based survey of lumbar surgery beliefs in the United States”, APTA CSM 2012, Chicago, IL February 2012 (Poster presentation)
46. **Puentedura EJ,** Mintken P. Thrust Joint Manipulation for the Cervical Spine: New thoughts on benefits and risks, AAOMPT 2011, Anaheim, CA, October 2011 (45 minute presentation)
47. **Puentedura EJ,** Manipulation, mobilization and Stabilization for pain, APTA 2011, National Harbor, MD, June 8, 2011
48. **Puentedura EJ,** Louw A. A Pain Science Approach to Management of the Patient with Whiplash Associated Disorders, APTA CSM 2010, San Diego, CA, February 18, 2010
49. **Puentedura EJ,** Louw A, Schmidt S, Johnson R. “Mobilization of the Nervous System”, APTA CSM 2010, San Diego, CA, February 16 – 17, 2010 (Pre Conference Course)
50. Louw, A, **Puentedura EJ.** “A Pain Science Approach to Management of the Whiplash Patient”. (45 minute breakout presentation) American Academy of Orthopedic Manual Physical Therapy, National Conference, Seattle, WA 2008
51. **Puentedura EJ.** “Postoperative Cervical Spine Rehabilitation - A Clinical Reasoning & Best Evidence Approach”. (40 minute platform presentation) American Physical Therapy Association, National Conference, San Antonio, TX 2008
52. **Puentedura EJ.** “Rehabilitation following Kyphoplasty/ Vertebroplasty - A Clinical Reasoning & Best Evidence Approach”. (40 minute platform presentation) American Physical Therapy Association, National Conference, San Antonio, TX 2008
53. **Puentedura EJ.** “Postoperative Rehabilitation following Lumbar Disc Arthroplasty A Clinical Reasoning & Best Evidence Approach”. (40 minute platform presentation) American Physical Therapy Association, National Conference, San Antonio, TX 2008
54. **Puentedura, EJ.** “Research into Injury and Axoplasmic Flow”. (20 minute plenary session) Australian Physiotherapy Association, National Conference, Melbourne, Victoria. 1993.
55. **Puentedura, EJ.** “The Straight Leg Raise Test and Spinal Posture”. (30 minute plenary session) Manipulative Physiotherapists Association of New Zealand, Annual Conference, Rotorua, New Zealand. 1986.
56. Lew, P, **Puentedura, EJ.** “The Straight Leg Raise Test and Spinal Posture”. (30 minute plenary session) Manipulative Physiotherapists Association of Australia, 5th Biennial Conference, Brisbane, Queensland. 1985.

**Non-Peer Reviewed Presentations:**



1. Mar 25 & 26, 2017 Presented Manual Therapy Management of Lower Extremity Disorders, an EIM 2 day lab intensive course, Bolingbrook, IL
2. Mar 11 & 12, 2017 Presented Whiplash Associated Disorders, an ISPI 2 day lecture and lab course, Bellevue, WA.
3. Feb 4 & 5, 2017 Presented Manual Therapy Management of Lumbopelvic Disorders, an EIM 2 day lab intensive course, Honolulu, HI
4. Jan 28 & 29, 2017 Presented Neurodynamics: The body's living alarm system, an ISPI-EIM 2 day lecture and lab course, Bethlehem, PA
5. Nov 19 & 20, 2016 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Gardendale, AL
6. Oct 8 & 9, 2016 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Naperville, IL
7. Oct 1 & 2, 2016 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Liberty, MO
8. June 3, 2016 Presented Pain Neuroscience Education, Lecture at Concord Hospital, NH
9. May 14 & 15, 2016 Presented Therapeutic Neuroscience Education, Weekend Intensive I, an ISPI-EIM 2 day lecture and lab course, Seattle, WA
10. April 30 & May 1, 2016 Presented Therapeutic Neuroscience Education, Weekend Intensive II, an ISPI-EIM 2 day lecture and lab course, Des Moines University, Des Moines, IA
11. April 23 & 24, 2016 Presented Neurodynamics: The body's living alarm system, an ISPI-EIM 2 day lecture and lab course, Milwaukee, WI
12. Mar 19 & 20, 2016 Presented Differential Diagnosis of the Upper Quadrant, an ISPI-EIM 2 day lecture and lab course, Duluth, MN
13. Mar 5 & 6, 2016 Presented Manual Therapy for the Thoracic Spine, an ISPI-EIM 2 day lecture and lab course, Liberty, MO
14. Feb 27 & 28, 2016 Presented Neurodynamics: The body's living alarm system, an ISPI-EIM 2 day lecture and lab course, Naperville, IL
15. Feb 6 & 7, 2016 Presented Manual Therapy for the Thoracic Spine, an ISPI-EIM 2 day lecture and lab course, Cincinnati, OH
16. Jan 30 & 31, 2016 Presented Advanced Manipulation Skills for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Flower Mound, TX
17. Dec 5 & 6, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Story City, IA
18. Nov 7 & 8, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Ashburn, VA
19. Oct 10 & 11, 2015 Presented Differential Diagnosis of the Upper Quadrant, an ISPI-EIM 2 day lecture and lab course, Liberty, MO
20. Sep 19 & 20, 2015 Presented Manual Therapy for the Thoracic Spine, an ISPI-EIM 2 day lecture and lab course, Hummelstown, PA
21. Jun 27 & 28, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Flower Mound, TX
22. May 2 & 3, 2015 Presented Manual Therapy for the Thoracic Spine, an ISPI-EIM 2 day lecture and lab course, Peachtree, GA
23. April 24 & 25, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Saranac Lake, NY
24. Mar 28 & 29, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Carroll, IA
25. Mar 21 & 22, 2015 Presented Differential Diagnosis of the Lower Quadrant, an ISPI 2 day lecture and lab course, Liberty, MO

26. Oct 11 & 12, 2014 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, St Louis, MO
27. June 27 & 28, 2014 Presented Neurodynamics: The body's living alarm system, an ISPI 2 day lecture and lab course, Flagstaff, AZ
28. May 3 & 4, 2014 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Kansas City, MO
29. Mar 15 & 16, 2014 Presented Therapeutic Neuroscience Education, an ISPI 2 day lecture and lab course, Front Royal, VA
30. Mar 8 & 9, 2014 Presented Advanced Manipulation Skills for Physical Therapists, an ISPI 2 day lecture and lab course, Newark, DE
31. Dec 15 & 15, 2013 Presented Therapeutic Neuroscience Education, an ISPI 2 day lecture and lab course, Minneapolis, MN
32. Nov 2 & 3, 2013 Presented Whiplash Associated Disorders, an ISPI 2 day lecture and lab course, Seattle, WA.
33. Oct 12 & 13, 2013 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Ashburn, VA
34. Sep 28 & 29, 2013 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Minneapolis, MN
35. Sep 13 & 14, 2013 Presented Therapeutic Neuroscience Education, an ISPI 2 day lecture and lab course, Cottonwood, AZ
36. May 4 & 5, 2013 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Dallas-Fort Worth, TX
37. April 27 & 28, 2013 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Clearwater, FL
38. April 6 & 7, 2013 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Liberty, MO
39. March 16 & 17, 2013 Presented Differential Diagnosis of the Lower Quadrant, an ISPI 2 day lecture and lab course, Elkridge, MD
40. Feb 9 & 10, 2013 Presented Neurodynamics: The body's living alarm system, an ISPI 2 day lecture and lab course, Oklahoma City, OK
41. Jan 26 & 27, 2013 Presented Therapeutic Neuroscience Education, an ISPI 2 day lecture and lab course, Minneapolis, MN
42. Jan 12 & 13, 2013 Presented Neurodynamics: The body's living alarm system, an ISPI 2 day lecture and lab course, Atlanta, GA
43. Dec 1 & 2, 2012 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Brighton, CO
44. Nov 10 & 11, 2012 Presenting Advanced Spinal Manipulation Course for Physical Therapists, an ISPI 2 day lecture and lab course, South Lake Tahoe, CA
45. Oct 27 & 28, 2012 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Elkridge, MD
46. Sep 22 & 23, 2012 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Liberty, MO
47. June 22 & 23, 2012 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Cottonwood, AZ
48. May 5 & 6, 2012 Presenting Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, South Lake Tahoe, CA
49. April 14 & 15, 2012 Co-taught Thrust Joint Manipulation for the Lumbar Spine, with Dr. Laurie Hartman, DO, PhD and Dr. Bill O'Grady, PT, DPT, at Intermountain Healthcare Salt Lake City, UT
50. March 31/April 1, 2012 Presenting Advanced Spinal Manipulation Course for Physical Therapists, an ISPI 2 day lecture and lab course, Buffalo, NY

51. March 24 & 25, 2012 Presented Spinal Segmental Stabilization for Low Back Pain, an ISPI 2 day lecture and lab course, Lincoln, NE
52. December 3 & 4, 2011 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Buffalo, NY
53. November 12 & 13, 2011 Presented Differential Diagnosis of the Upper Quadrant, an ISPI 2 day lecture and lab course, Nebraska Medical Center, Omaha, NE
54. October 15 & 16, 2011 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, South Lake Tahoe, CA
55. October 8 & 9, 2011 Presenting Advanced Spinal Manipulation Course for Physical Therapists, an ISPI 2 day lecture and lab course, Rockhurst University, Kansas City, MO
56. September 17 & 18, 2011 Presented Spinal Segmental Stabilization for Low Back Pain, an ISPI 2 day lecture and lab course, Drayer Physical Therapy, Harrisburg, PA
57. September 10 & 11, 2011 Presenting Advanced Spinal Manipulation Course for Physical Therapists, an ISPI 2 day lecture and lab course, Medford, OR
58. May 19, 2011 Presented Mechanisms of Manual Therapy, 3 hours Evening Series Lecture in Boise, ID
59. May 21 & 22, 2011 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Rehab Authority, Boise, ID
60. April 30/ May 1, 2011 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Vail, CO
61. April 9 & 10, 2011 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, UNLV, Las Vegas, NV
62. December 4 & 5, 2010 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Rehab Authority, Boise, ID
63. November 13 & 14, 2010 Presented Differential Diagnosis of the Upper Quadrant, an ISPI 2 day lecture and lab course, Truman Medical Center, Kansas City, MO
64. October 23 & 24, 2010 Presented Differential Diagnosis of the Lower Quadrant, an ISPI 2 day lecture and lab course, UNLV, Las Vegas, NV
65. October 2 & 3, 2010 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, South Lake Tahoe, CA
66. September 25 & 26, 2010 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Medford, OR
67. May 22 & 23, 2010 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Baltimore, MD
68. April 17 & 18, 2010 Presenting Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, UNLV, Las Vegas, NV
69. March 27 & 29, 2010 Presenting Mobilization of the Nervous System, an NOI 2 day lecture and lab course, South Lake Tahoe, CA
70. December 5 & 6, 2009 Co-Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Baltimore, MD
71. November 7 & 8, 2009 Co-presented Explain Pain, an NOI 2 day lecture and discussion course, UNLV, Las Vegas, NV
72. October 10 & 11, 2009 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Post Falls, ID
73. September 26 & 27, 2009 Co-Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Liberty, MO
74. September 24, 2009 Presented Spinal Stabilization Evening Lecture Series, Kansas City, MO
75. July 25 & 26, 2009 Presented Manual Therapy for the Shoulder Joint, an ISPI 2 day lecture and lab course, Chicago, IL
76. June 6 & 7, 2009 Co-Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Las Vegas, NV

77. May 2 & 3, 2009 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Las Vegas, NV
78. April 4 & 5, 2009 Presented Manual Therapy for the Lumbar Spine, an ISPI 2 day lecture and lab course, Carson City, NV
79. March 28 & 29, 2009 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Denver, CO
80. December 6 & 7, 2008 Presented Spinal Segmental Stabilization for Low Back Pain, Liberty, MO
81. November 15 & 16, 2008 Presented Spinal Manipulation, an ISPI 2 day lecture and lab course, UNLV, Las Vegas, NV
82. October 25 & 26, 2008 PT 720: Interventions in Musculoskeletal Therapeutics: Neurodynamics: Diagnosis and Management of Physical Dysfunction of the Nervous System. Northern Arizona University. (3 credit class for the NAU Post Professional DPT Class)
83. October 11 & 12, 2008 Presented Manual Therapy for the Shoulder Joint, an ISPI 2 day lecture and lab course, Olathe, KS
84. June 21 & 22, 2008 Presented Differential Diagnosis of the Upper Quadrant, an ISPI 2 day lecture and lab course, Ithaca, NY
85. May 3 & 4, 2008 Presented Post-Spinal Surgery Rehabilitation, an ISPI 2 day lecture and lab course, Dallas, TX
86. April 26 & 27, 2008 Presented Differential Diagnosis of the Upper Quadrant, an ISPI 2 day lecture and lab course, Las Vegas, NV
87. April 5 & 6, 2008 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Moscow, ID
88. March 29 & 30, 2008 An evidence-based approach to selected manipulation interventions. Co-presenter with Rob Landel, PT, DPT, OCS. Nevada PT Association Conference, UNLV
89. November 10 & 11, 2007 Presented Spinal Manipulation, an ISPI 2 day lecture and lab course, Rockhurst University, Kansas City, MO
90. November 8, 2007 Presented evening lecture. Spinal Segmental Stabilization for Low Back Pain, Rockhurst University, Kansas City, MO
91. October 26, 27 & 28, 2007 PT 720: Interventions in Musculoskeletal Therapeutics: Neurodynamics: Diagnosis and Management of Physical Dysfunction of the Nervous System. Northern Arizona University. (3 credit class for the NAU Post Professional DPT Class)
92. September 22 & 23, 2007 Presented Spinal Manipulation, an ISPI 2 day lecture and lab course, Dallas, TX
93. September 15 & 16, 2007 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Tucson, AZ
94. August 8 & 9, 2007 PT 720: Interventions in Musculoskeletal Therapeutics: Neurodynamics: Diagnosis and Management of Physical Dysfunction of the Nervous System. Northern Arizona University. (2 credit class for the NAU DPT Class of 2008)

### **Continuing Education**

1. February 15 – 18, 2017 APTA Combined Sections Meeting – San Antonio, TX
2. November 3 – 5, 2016 Federation of State Boards of Physical Therapy (FSBPT) Annual Meeting – Columbus, OH
3. October 27 – 30, 2016 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – St. Louis, MO
4. July 4 – 9, 2016 International Federation of Orthopaedic Manual Physical Therapists (IFOMPT) – Glasgow, United Kingdom
5. June 24 – 25, 2016 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
6. February 17 – 20, 2016 APTA Combined Sections Meeting – Anaheim, CA
7. October 22 – 25, 2015 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Louisville, KY

8. August 20 – 22, 2015 New Zealand Manipulative Physiotherapists Association (NZMPA) Annual Conference – Christchurch, New Zealand
9. June 19 -21, 2015 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
10. February 4 – 7, 2015 APTA Combined Sections Meeting – Indianapolis, IN
11. October 23 – 26, 2014 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – San Antonio, TX
12. September 4 – 6, 2014 American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR) Conference – Denver, CO
13. August 1 – 3, 2014 Federation of State Boards of Physical Therapy (FSBPT) Leadership Issues Forum (LIF) – Alexandria, VA
14. June 20 – 22, 2014 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
15. February 3 – 6, 2014 APTA Combined Sections Meeting – Las Vegas, NV
16. October 17 – 20, 2013 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Cincinnati, OH
17. June 7 – 9, 2013 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
18. January 21 – 24, 2013 APTA Combined Sections Meeting – San Diego, CA
19. October 1 – 5, 2012 International Federation of Orthopaedic Manual Physical Therapists (IFOMPT) – Quebec City, Quebec Canada
20. June 15 – 17, 2012 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
21. June 6 – 9, 2012 APTA Next Conference – Tampa, FL
22. February 6 - 9, 2012 APTA Combined Sections Meeting – Chicago, IL
23. October 26 – 29, 2011 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Anaheim, CA
24. June 8 – 11, 2011 APTA Next Conference – National Harbor, MD
25. February 9 - 12, 2011 APTA Combined Sections Meeting – New Orleans, LA
26. October 7 – 10, 2010 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – San Antonio, TX
27. August 12 – 14, 2010 Federation of State Boards of Physical Therapy (FSBPT) Board Member Training – Alexandria, VA
28. June 16 – 19, 2010 APTA Next Conference – Boston, MA
29. February 16 - 20, 2010 APTA Combined Sections Meeting – San Diego, CA
30. October 14 – 17, 2009 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Washington, DC
31. June 10 – 13, 2009 APTA Next Conference – Baltimore, MD
32. February 9 - 14, 2009 APTA Combined Sections Meeting – Las Vegas, NV
33. October 29 – 31, 2008 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Seattle, WA
34. June 12 – 15, 2008 APTA Next Conference – San Antonio, TX
35. February 6 - 10, 2008 APTA Combined Sections Meeting – Nashville, TN

### Grant Activity

- Reynolds B, Cleland JA, **Puentedura EJ**, Kolber M. (2017) Thrust Joint Manipulation to the Cervical Spine in Participants with a Primary Complaint of Temporomandibular Disorder (TMD): A Randomized Clinical Trial. Orthopaedic Section, APTA, Inc. Clinical Research Grant, Amount: \$7, 154.36 (Unfunded)
- **Puentedura E**, Dawson, N, Smith, B, Trinh, A, Tuttle, M (2016) The effect of trigger point dry needling to the multifidus muscle on resting and contracted thickness of transversus abdominis in subjects with low back pain. UNLVPT Student Opportunity Research Grant, Amount: \$992.50 (Funded)
- **Puentedura E**, Albano, M, Blok, E, Gronert, B, Masuda, R (2016) Immediate and short term effects of cervical spine manipulation on gait parameters in individuals with and without mechanical neck pain. UNLVPT Student Opportunity Research Grant, Amount: \$2,775.00 (Funded)

- **Puenteadura E**, Waters, K, Donaldson, C, Veloz, R (2016) Intra and Inter Rater Reliability of the Thoracic Percussion Test. UNLVPT Student Opportunity Research Grant, Amount: \$1,635 (Funded)
- **Puenteadura E**, Ho, KY, Basar, B, Hahn, D, Javier, C (2015) Measurement of the temporomandibular joint arthrokinematics by ultrasound and magnetic resonance imaging: a reliability and validity study. UNLVPT Student Opportunity Research Grant, Amount: \$3,000 (Funded)
- **Puenteadura E**, Lee, SP, (2015) Effects of Intramuscular EMG Insertion to Deep Paraspinal Muscles on Lumbar Muscular Strength and Endurance Performance. UNLVPT Student Opportunity Research Grant, Amount: \$1,452 (Funded)
- **Puenteadura E**, Slaughter, R, Reilly, S, Ventura, E, (2014) Utilization of spinal manipulation: a survey study. UNLVPT Student Opportunity Research Grant, Amount: \$1,100 (Funded)
- **Puenteadura E**, Dow, A, Rincon, D, Collins, S (2014) The effect of trigger point dry needling to the multifidus muscle on resting and contracted thickness of transversus abdominis in subjects with low back pain. UNLVPT Student Opportunity Research Grant, Amount: \$1,600 (Funded)
- **Puenteadura E**, Carr, K, Clement, M, Oelklaus, E, Parry, B (2013) Effects of Cervicothoracic Manipulation and Passive Stretching to the Upper Trapezius Muscle on Pressure Pain Thresholds and Cervical Range of Motion on Healthy Individuals.. UNLVPT Student Opportunity Research Grant, Amount: \$1,620 (Funded)
- **Puenteadura E**, Isom, J, Kennedy, S, May, J, Moore, S (2013) Immediate and short term effects of cervical spine manipulation on gait parameters in individuals with and without mechanical neck pain... UNLVPT Student Opportunity Research Grant, Amount: \$1,350 (Funded)
- **Puenteadura E**, Durant, J, Bohnet, S, Elkind, J (2012) The Effects of Thrust Joint Manipulation on the Resting and Contracted Thickness of Transversus Abdominis in Patients with Low Back Pain. UNLVPT Student Opportunity Research Grant, Amount: \$2,000 (Funded)
- **Puenteadura E**, Cleland JA, Mintken PE (2008) Development of a Clinical Prediction Rule to Identify Patients with Neck Pain Likely to Benefit from Cervical Spine Manipulation. AAOMPT: Cardon Research Award, Amount: \$6,000 (Funded)

### **Membership in Scientific/Professional Organizations**

- Member, American Physical Therapy Association (APTA) (1995 to present)
  - Orthopaedic Section
  - Education Section
- Member/Fellow, American Academy of Orthopaedic Manual Physical Therapists
- Member, American Association of Clinical Anatomists

### **Service to the Profession**

- Nevada State Board of Physical Therapy Examiners (2 Terms)
  - Appointed by Governor of Nevada, November 2009
  - Re-appointed by Governor of Nevada, November 2012
  - Chairman of the Board - 2014 and 2015
- Federation of State Boards of Physical Therapy (FSBPT)
  - Exam Security - ad hoc committee - 2014
  - Leadership Issues Forum - 2010 - 2014
- Foreign Credentialing Commission in Physical Therapy (FFCPT)
  - Appointed to the Board of Directors - January 2015
- Coordinator for the PhD in Interdisciplinary Health Sciences at UNLV
  - Appointed - summer 2015
- Reviewer for the following Journals
  - Archives of Physical Medicine and Rehabilitation
  - BMC Medical Imaging
  - Journal of Manual and Manipulative Therapy (Appointed as Associate Editor - January 2015)



- Journal of Manipulative and Physiological Therapeutics
- Journal of Orthopedic and Sports Physical Therapy
- Journal of Pain
- The Journal of Sport Rehabilitation
- Journal of Sports Technology
- Manual Therapy
- Neurology
- Pain Medicine
- Physiotherapy
- Physiotherapy Theory and Practice
- PLOS One
- Physical Therapy in Sport
- Physical Therapy Journal

### **Services to the University/School/Department on Committees/Councils/Commissions**

- Department of Physical Therapy
  - Graduate Coordinator (2007 to present)
  - Graduate Coordinator - PhD in IHS – Rehab Sciences Committee (2014 to present)
  - Committee member – Scholarship (2013 to present)
  - Committee member – Curriculum (2016 to present)
  - Committee member – Clinical Education (2016 to present)
  - Chair – Media Committee (2014 to 2016)
  - Chair – Website (2013 – 2014)
  - Committee Member – Academic Review (2013 to 2016)
  - Committee Member – Orientation (2013 to 2013)
- School of Allied Health Sciences
  - Committee member - Appeals (2011 to present)
  - Committee member – Faculty Review (2015 to 2016)
  - Chair – PhD in IHS committee (2015 to 2016)
  - Committee member – UNLV SOM Curriculum Committee (2016 to present)
  - Committee member – UNLV SOM Admissions Committee (2016 to present)
- University of Nevada, Las Vegas
  - Committee member, Graduate College Scholarship (2016 to present)
  - Committee member, Graduate Council (2016 to present)

### **Honors and Awards**

- 2016 First place 5X5 Presentation Award, American Academy of Orthopedic Manual Physical Therapists Annual Conference, St Louis, MO
- 2012 Rose Excellence in Research Award, Orthopedic Section of the American Physical Therapy Association
- 2012 John Medeiros Award, Journal of Manual and Manipulative Therapy
- 2012 Second place for Platform Presentation Awards, American Academy of Orthopedic Manual Physical Therapists Annual Conference at IFOMPT, Quebec City, Quebec