

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

Clinical Professor

Doctor of Physical Therapy Program,

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Education:

- 2011 Doctor of Philosophy, Nova Southeastern University, Fort Lauderdale, FL
- 2005 Doctor of Physical Therapy, Northern Arizona University, Flagstaff, AZ
- 1983 Graduate Diploma Manipulative Therapy, La Trobe University, Melbourne, Australia
- 1980 Bachelor of Applied Science (Physiotherapy), La Trobe University, Melbourne, Australia

Clinical Appointments:

- 2009 – 2017 Physical Therapist/ Consultant, UNLVPT, Department of Physical Therapy, University of Nevada Las Vegas
- 1995 – 2007 Orthopedic Specialist, S.W. Rehabilitation Associates, Yuma, AZ
- 1987 – 1995 Physiotherapist/Owner, Ballarat Physiotherapy Group, Ballarat, Victoria, Australia
- 1984 – 1995 Physiotherapist/Owner, Horsham Physiotherapy Practice, Horsham, Victoria, Australia
- 1984 – 1987 Physiotherapist, Ballarat Manipulative Therapy Practice, Ballarat, Victoria, Australia
- 1982 – 1983 Physiotherapist, Ballarat Physiotherapy Group (Associates), Ballarat, Victoria, Australia
- 1980 – 1982 Physiotherapist, Queen Elizabeth Geriatric Center, Ballarat, Victoria, Australia

Academic Appointments:

- 2017 – present **Clinical Professor**, Doctor of Physical Therapy Program, Baylor University, Waco, TX
- 2017 – present **Adjunct Associate Professor**, Office of Medical Education/ Physical Therapy, School of Medicine, University of Nevada, Las Vegas, NV
- 2013 – 2017 **Associate Professor**, Department of Physical Therapy, University of Nevada, Las Vegas, NV
- 2013 – present **Adjunct Professor** - PhD in Physical Therapy Program, Nova Southeastern University, Fort Lauderdale, FL
- 2007 – 2013 **Assistant Professor**, Department of Physical Therapy, University of Nevada, Las Vegas, NV
- 2005 – present **Guest Lecturer** - Department of Physical Therapy, Northern Arizona University, Flagstaff, AZ
- 2004 – 2007 **Guest Lecturer** - Department of Physical Therapy, University of Nevada, Las Vegas, NV

Certifications:

- 2015 Therapeutic Pain Specialist, TPS
- 2007 Certified Spinal Manual Therapist, CSMT
- 2006 & 2016 Fellow, American Academy of Orthopaedic Manual Physical Therapists
- 1998 Credentialed Clinical Instructor, APTA Clinical Education Certification
- 1997, 2007 & 2017 Board Certified Specialist in Orthopaedic Physical Therapy.

Licensure:

- 2009 – Present Nevada Physical Therapy License #2301 (expires 7/31/2022)
- 1998 – 2011 California Physical Therapy License #23403
- 1996 – 2011 Arizona Physical Therapy License #3538

Courses taught in the Baylor University – DPT Program

Semester	Course ID	Title	Credits	Students
Spring 2018	DPT 6410	Human Anatomy I (with lab)	4	87
Spring 2018	DPT 6430	Human Anatomy II (with lab)	4	79
Summer 2018	DPT 6500	Musculoskeletal Practice I (with lab)	5	78
Fall 2018	DPT 6510	Musculoskeletal Practice III (with lab)	5	77
Fall 2018	DPT 6460	Musculoskeletal Practice IV (with lab)	4	77
Spring 2019	DPT 6410	Human Anatomy I (with lab)	4	101
Spring 2019	DPT 6430	Human Anatomy II (with lab)	4	101
Summer 2019	DPT 6500	Musculoskeletal Practice I (with lab)	5	100
Summer 2019	DPT 6250	Integrative Pain Sciences	2	77
Summer 2019	DPT 6360	Advanced Therapeutic Interventions (with lab)	3	77
Fall 2019	DPT 6510	Musculoskeletal Practice III (with lab)	5	99
Fall 2019	DPT 6460	Musculoskeletal Practice IV (with lab)	4	99
Spring 2020	DPT 6410	Human Anatomy I (with lab)	4	101
Spring 2020	DPT 6430	Human Anatomy II (with lab)	4	100
Summer 2020	DPT 6500	Musculoskeletal Practice I (with lab)	5	100
Summer 2020	DPT 6250	Integrative Pain Sciences	2	98
Fall 2020	DPT 6510	Musculoskeletal Practice III (with lab)	5	100
Spring 2021	DPT 6410	Human Anatomy I (with lab)	4	99
Spring 2021	DPT 6430	Human Anatomy II (with lab)	4	95
Summer 2021	DPT 6360	Advanced Therapeutic Interventions (with lab)	3	77
Summer 2021	DPT 6500	Musculoskeletal Practice I (with lab)	5	95
Summer 2021	DPT 6250	Integrative Pain Sciences	2	98
Fall 2021	DPT 6510	Musculoskeletal Practice III (with lab)	5	95

Courses taught in the UNLV – DPT Program

Semester	Course ID	Title	Credits	Students
Fall 2007	DPT 785	Orthopaedic Rehabilitation (with lab)	3	21
Fall 2007	DPT 720	Professional Development	2	21
Spring 2008	DPT 788	Spine Examination and Interventions (with lab)	3	21
Spring 2008	DPT 732	Therapeutic Exercise (with lab)	3	21
Summer 2008	DPT 744	Gross Human Anatomy I	2	30
Summer 2008	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	30
Summer 2008	DPT 745	Gross Human Anatomy II	2	30
Summer 2008	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	30
Fall 2008	DPT 785	Orthopaedic Rehabilitation (with lab)	3	23
Fall 2008	DPT 720	Professional Development	2	23
Fall 2008	SIM 180	Introduction to Physical Therapy	3	45
Spring 2009	DPT 788	Spine Examination and Interventions (with lab)	3	23
Spring 2009	DPT 732	Therapeutic Exercise (with lab)	3	23
Summer 2009	DPT 744	Gross Human Anatomy I	2	30
Summer 2009	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	30
Summer 2009	DPT 745	Gross Human Anatomy II	2	30
Summer 2009	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	30
Fall 2009	DPT 785	Orthopaedic Rehabilitation	2	29
Fall 2009	DPT 785L	Orthopaedic Rehabilitation Lab (2 sections)	1	29
Fall 2009	PTS 744	Gross Human Anatomy (Masters in Kinesiology)	4	10
Fall 2009	PTS 744L	Gross Human Anatomy Lab (Masters in Kinesiology)	2	10
Spring 2010	DPT 788	Spine Examination and Interventions	2	30
Spring 2010	DPT 788L	Spine Examination and Interventions Lab (2 sections)	1	30
Spring 2010	DPT 732	Therapeutic Exercise	2	30
Spring 2010	DPT 732L	Therapeutic Exercise Lab (2 sections)	1	30
Summer 2010	DPT 744	Gross Human Anatomy I	2	30
Summer 2010	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	30
Summer 2010	DPT 745	Gross Human Anatomy II	2	30
Summer 2010	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	30
Fall 2010	DPT 785	Orthopaedic Rehabilitation	2	30
Fall 2010	DPT 785L	Orthopaedic Rehabilitation Lab (2 sections)	1	30
Fall 2010	DPT 730	Foundations of Observation and Assessment	2	30
Fall 2010	DPT 730L	Foundations of Observation and Assessment Lab (1 section)	1	30
Spring 2011	DPT 788	Spine Examination and Interventions	2	30
Spring 2011	DPT 788L	Spine Examination and Interventions Lab (2 sections)	1	30
Spring 2011	DPT 732	Therapeutic Exercise	2	30
Spring 2011	DPT 732L	Therapeutic Exercise Lab (2 sections)	1	30
Spring 2011	DPT 758	Diagnostic Imaging	2	30
Summer 2011	DPT 744	Gross Human Anatomy I	2	30
Summer 2011	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	30
Summer 2011	DPT 745	Gross Human Anatomy II	2	30
Summer 2011	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	30
Fall 2011	DPT 785	Orthopaedic Rehabilitation	2	30
Fall 2011	DPT 785L	Orthopaedic Rehabilitation Lab (2 sections)	1	30
Fall 2011	DPT 741	Orthopaedic Principles	3	30
Spring 2012	DPT 788	Spine Examination and Interventions	2	30

Spring 2012	DPT 788L	Spine Examination and Interventions Lab (2 sections)	1	30
Spring 2012	DPT 758	Diagnostic Imaging	2	30
Summer 2012	DPT 744	Gross Human Anatomy I	2	30
Summer 2012	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	30
Summer 2012	DPT 745	Gross Human Anatomy II	2	30
Summer 2012	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	30
Fall 2012	DPT 741	Orthopaedic Principles	3	32
Fall 2012	DPT 770	Cardiopulmonary Rehabilitation	2	27
Fall 2012	DPT 770L	Cardiopulmonary Rehabilitation Lab (2 sections)	1	27
Spring 2013	DPT 788	Spine Examination and Interventions	2	26
Spring 2013	DPT 788L	Spine Examination and Interventions Lab (2 sections)	1	26
Spring 2013	DPT 758	Diagnostic Imaging	2	26
Summer 2013	DPT 744	Gross Human Anatomy I	2	30
Summer 2013	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	30
Summer 2013	DPT 745	Gross Human Anatomy II	2	30
Summer 2013	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	30
Fall 2013	DPT 720	Professional Development	2	30
Fall 2013	DPT 770	Cardiopulmonary Rehabilitation	2	30
Fall 2013	DPT 770L	Cardiopulmonary Rehabilitation Lab (2 sections)	1	30
Spring 2014	DPT 788	Spine Examination and Interventions	2	29
Spring 2014	DPT 788L	Spine Examination and Interventions Lab (2 sections)	1	29
Spring 2014	DPT 758	Diagnostic Imaging	2	29
Summer 2014	DPT 744	Gross Human Anatomy I	2	36
Summer 2014	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	36
Summer 2014	DPT 745	Gross Human Anatomy II	2	36
Summer 2014	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	36
Fall 2014	DPT 720	Professional Development	2	36
Fall 2014	DPT 746L	Neuroanatomy Lab (2 sections)	2	36
Fall 2014	DPT 770	Cardiopulmonary Rehabilitation	2	33
Fall 2014	DPT 770L	Cardiopulmonary Rehabilitation Lab (2 sections)	1	33
Spring 2015	DPT 788	Spine Examination and Interventions	2	33
Spring 2015	DPT 788L	Spine Examination and Interventions Lab (2 sections)	1	33
Spring 2015	DPT 758	Diagnostic Imaging	2	33
Summer 2015	DPT 744	Gross Human Anatomy I	2	36
Summer 2015	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	36
Summer 2015	DPT 745	Gross Human Anatomy II	2	36
Summer 2015	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	36
Fall 2015	DPT 720	Professional Development	2	34
Fall 2015	DPT 770	Cardiopulmonary Rehabilitation	2	34
Fall 2015	DPT 770L	Cardiopulmonary Rehabilitation Lab (2 sections)	1	34
Spring 2016	DPT 788	Spine Examination and Interventions	2	34
Spring 2016	DPT 788L	Spine Examination and Interventions Lab (2 sections)	1	34
Spring 2016	DPT 758	Diagnostic Imaging	2	34
Summer 2016	DPT 744	Gross Human Anatomy I	2	36
Summer 2016	DPT 744L	Gross Human Anatomy I Lab (2 sections)	1	36
Summer 2016	DPT 745	Gross Human Anatomy II	2	36
Summer 2016	DPT 745L	Gross Human Anatomy II Lab (2 sections)	1	36
Fall 2016	DPT 703	Measurement Theory (PhD class)	3	6
Fall 2016	DPT 791	Applied Research Statistics	3	35

Spring 2017	DPT 788	Spine Examination and Interventions (2 sections)	2	70
Spring 2017	DPT 788L	Spine Examination and Interventions Lab (4 sections)	1	70
Summer 2017	DPT 744	Gross Human Anatomy I (2 sections)	2	48
Summer 2017	DPT 744L	Gross Human Anatomy I Lab (4 sections)	1	48
Summer 2017	DPT 745	Gross Human Anatomy II (2 sections)	2	48
Summer 2017	DPT 745L	Gross Human Anatomy II Lab (4 sections)	1	48
Fall 2017	HSC 701	Translational Research Design (PhD class)	3	15

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

1. Reid, D.A., Monaghan, M, **Puentedura, E.J.**, Sizer, P.S., Brismee, J.M. Thrust joint manipulation: Just do it! *Journal of Manual and Manipulative Therapy*. 2021, 29(5): 265-266
<https://doi.org/10.1080/10669817.2021.1973634>
2. Lonnerman E, Olson KA, Deyle GD, Silvernail J, Plock H, **Puentedura EJ**, Mintken P, Rhon DI, Hutting N, Paris SV. What is in a name? Perhaps your Professional Identity and Practice - A Call to Maintain IFOMPT as the International Federation of Orthopedic Manipulative Physical Therapists. *Journal of Manual and Manipulative Therapy*. 2021, 29(4): 201-202
3. Lane E, Magel JS, Thackery A, Greene T, Fino NF, **Puentedura EJ**, Louw A, Maddox D, Fritz J. Effectiveness of training physical therapists in pain neuroscience education for patients with chronic spine pain: cluster-randomized trial *PAIN* 2021 [Accepted 7/30/2021]
4. Shala R, Roussel N, Moseley GL, Osinski T, **Puentedura EJ**. Can we talk our patients out of pain? Should pain neuroscience education be our only tool? *Journal of Manual and Manipulative Therapy*. 2021 Jan 11:1-3.
<https://www.tandfonline.com/doi/abs/10.1080/10669817.2021.1873259> PMID: 33427587
5. Kranenburg HA, Schmitt M, **Puentedura EJ**, Van der Schans C, Heneghan N, Hutting N. Manual therapists' beliefs and use of spinal thrust joint manipulation. *European Journal of Physiotherapy*. 2020 DOI 10.1080/21679169.2020.1857831
6. Heneghan N, **Puentedura EJ**, Arranz I, Rushton A. Thoracic thrust joint manipulation: an international survey of current practice and knowledge in IFOMPT member countries. *Musculoskeletal Science and Practice* 2020, 50, December, 102251 <https://doi.org/10.1016/j.msksp.2020.102251>
7. Louw A, Landrus R, Podolak J, Benz P, DeLorenzo J, Davis C, Rodgers A, Cooper K, Louw C, Zimney K, **Puentedura EJ**, Landers MR. Behavior Change Following Pain Neuroscience Education in Middle Schools: A Public Health Trial. *International Journal of Environmental Research and Public Health* 2020, 17, 4505;
<https://www.mdpi.com/1660-4601/17/12/4505>
8. Grimes J, **Puentedura EJ**, Cheng MS, Seitz A. Scapular Movement Impairments in Individuals with Subacromial Pain Syndrome Based on Scapular Assistance Test and Scapula Reposition Test Outcomes. *Musculoskeletal Science and Practice* 2020 Jul 11;49:102214. Doi: 10.1016/j.mskso.2020.102214
9. Agarwal V, Louw A, **Puentedura EJ**. Physician-delivered Pain Neuroscience Education for Opioid Tapering: A Case Report. *International Journal of Environmental Research and Public Health* 2020, 17, 3324;
<https://www.mdpi.com/1660-4601/17/9/3324>
10. Reynolds B, **Puentedura EJ**, Kolber M, Cleland JA. Effectiveness of cervical spine thrust joint manipulation added to behavioral education, soft tissue mobilization, and exercise in individuals with myogenic temporomandibular disorder (TMD): A randomized clinical trial. *JOSPT* 2020 Aug 50(8):455-465
<https://www.jospt.org/doi/10.2519/jospt.2020.9175>
11. Louw A, Farrell K, Choffin B, Foster B, Lunde G, Snodgrass M, Sweet R, Weitzel M, Wilder R, **Puentedura EJ**. Immediate effect of Pain Neuroscience Education for recent onset Low Back Pain: An Exploratory Single Arm Trial. *Journal of Manual and Manipulative Therapy* 2019 27(5):267-276
12. Louw A, **Puentedura EJ**, Diener I, Zimney K, Cox T. Pain Neuroscience Education: Which Pain Neuroscience Education metaphor worked best? *South African Journal of Physiotherapy* 2019 75(1):1329
doi: 10.4102/sajp.v75i1.1329.eCollection 2019

13. Fosberg KK, **Puentedura EJ**, Schitz B, Jain T, Cleland JA. The Effects of Thrust Joint Manipulation on the Resting and Contraction Thickness of Transversus Abdominis in Patients with Low Back Pain. *Journal of Manipulative and Physiological Therapeutics* 2020 Jul 21 <https://doi.org/10.1016/j.jmpt.2019.04.006>
14. Louw A, Schmidt S, Zimney K, **Puentedura EJ**. Treat the patient, not the label: A pain neuroscience update. *Journal of Women's Health Physical Therapy* 2019 [In press Feb 2019 doi: 10.1097/JWH.000000000000121]
15. Louw A, **Puentedura EJ**, Reed J, Zimney K, Grimm D, Landers MR. A controlled trial of preoperative pain neuroscience education for patients about to undergo total knee arthroplasty. *Clinical Rehabilitation* 2019 33(11): 1722-1731
16. Grimes JK, **Puentedura EJ**, Cheng MS, Seitz AL. The Comparative Effects of Upper Thoracic Spine Thrust Manipulation Techniques in Individuals with Subacromial Pain Syndrome – A Randomized Clinical Trial. *JOSPT* 2019 March 12:1-28 doi: 10.2519/jospt.2019.8484.
17. Ho KY, Laskowski B, Garcia D, Hardy CJ, **Puentedura EJ**. Measurement of anterior translation of the mandibular condyle using sonography. *Journal of Physical Therapy Science* 2019 31(1): 116-121 <https://doi.org/10.1589/jpts.31.116>
18. Heneghan NR, Davies SE, **Puentedura EJ**, Rushton A. Knowledge and pre-thoracic spinal thrust manipulation examination: A survey of current practice in the UK. *Journal of Manual & Manipulative Therapy* 2018 doi: 10.1080/10669817.2018.1507269
19. Louw A, Zimney K, Reed J, Landers M, **Puentedura EJ**. Immediate preoperative outcomes of pain neuroscience education for patients undergoing total knee arthroplasty: A case series. *Physiotherapy Theory and Practice* 2018 doi: 10.1080/09593985.2018.1455120
20. Sawyer EE, McDevitt AW, Louw A, **Puentedura EJ**, Mintken PE. Use of Pain Neuroscience Education, Tactile Discrimination, and Graded Motor Imagery in an Individual with Frozen Shoulder. *JOSPT* 2017 Dec 19:1-29. doi: 10.2519/jospt.2018.7716.
21. **Puentedura EJ**, Buckingham SJ, Morton D, Montoya C, Fernandez-de-las-Peñas C. Immediate changes in resting and contracted thickness of transversus abdominis after dry needling of lumbar multifidus in healthy participants: A randomized controlled crossover trial. *Journal of Manipulative and Physiological Therapeutics* 40(8): 615-623 doi: 10.1016/j.jmpt.2017.06.013.
22. Louw A, **Puentedura EJ**, Zimney K, Cox T, Rico D. The Clinical Implementation of Pain Neuroscience Education: A Survey Study. *Physiotherapy Theory and Practice* 2017 33(11): 869-879
23. 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 34(7):542-550 doi: 10.1080/09593985.2017.1423142
24. Louw A, **Puentedura EJ**, Reese D, Parker P, Miller T, Mintken PE. Immediate effects of mirror therapy in patients with shoulder pain and decreased range of motion. *Archives of Physical Medicine and Rehabilitation* 2017 98(10):1941-1947 doi: 10.1016/j.apmr.2017.03.031
25. 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 30(5):1005-1013 doi: 10.3233/BMR-169573
26. Louw A, Nijs J, and **Puentedura EJ**. A clinical perspective on a Pain Neuroscience Education approach to Manual Therapy. *Journal of Manual and Manipulative Therapy* 2017 25(3):160-168 doi: 10.1080/10669817.2017.1323699
27. Kranenburg HA, Scmitt M, **Puentedura EJ**, Luijckx G, van der Schans CP. Corrigendum to “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)* 2018 36:96 doi: 10.1016/j.msksp.2018.05.002
28. Kranenburg HA, Scmitt M, **Puentedura EJ**, Luijckx G, van der Schans CP. Response to - 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 30:e95 doi: 10.1016/j.msksp.2017.05.008

29. 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)
30. 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)
31. **Puentedura EJ**, Slaughter R, Reilly S, Ventura E, Young D. Thrust Joint Manipulation utilization by US Physical Therapists. *Journal of Manual and Manipulative Therapy* 2017 25(2): 74-82 doi: 10.1080/10669817.2016.1187902
<http://www.tandfonline.com/doi/full/10.1080/10669817.2016.1187902>
32. 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* 2017 25(1): 11-21.
<http://www.tandfonline.com/doi/full/10.1080/10669817.2015.1122308>
33. 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 2(4): 289-298 doi: 10.21037/jss.2016.12.04
34. 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>
35. Louw A, Diener I, **Puentedura EJ**, Fernandez-de-las-Penas C. Sham Surgery in Orthopaedics: A systematic review of the literature. *Pain Medicine*. 2016 18(4): 736 – 750 doi: 10.1093/pm/pnw164
<http://www.ncbi.nlm.nih.gov/pubmed/27402957>
36. 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
37. 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>
38. **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>
39. 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>
40. 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
41. Costello M, Cleland J, **Puentedura EJ**, Ciccione A. The immediate effects if 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>
42. 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
43. 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
44. 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

45. 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
46. **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
47. **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
48. **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
49. 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>
50. 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>
51. 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
52. 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
53. 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>
54. Landers MR, **Puentedura EJ**, Louw A, McCauley A, Rasmussen Z, Bungham, T. A population-based survey of lumbar surgery beliefs in the United States *Orthopaedic Nursing* 2014 33(4):207-216
55. 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
56. 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>
57. 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
58. 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
59. 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
60. 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
61. 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
62. 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
63. 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
64. 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
 65. **Puentedura EJ**, Louw A. A neuroscience approach to managing athletes with low back pain. *Physical Therapy in Sport*. 2012; 13(3):123-133
 66. **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]
 67. 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
 68. **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]
 69. 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
 70. 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.
 71. 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
 72. 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
 73. **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.
 74. **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.
 75. 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
 76. **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.
 77. **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**, Schmidt, S, Zimney, K. Understanding, Evaluating, and Treating Pain for the PT and PTA student. OPTP, Minneapolis, MN, 2020. ISBN: 978-1-942798-25-5
2. Louw, A, **Puentedura, EJ**, Schmidt, S, Zimney, K. Integrating Manual Therapy and Pain Neuroscience: Twelve principles for treating the body and the brain. OPTP, Minneapolis, MN, 2020. ISBN-13: 978-1942798194
3. Louw, A, **Puentedura, EJ**, Schmidt, S, Zimney, K. Pain Neuroscience Education: Teaching People about Pain. OPTP, Minneapolis, MN, 2018. ISBN: 978-1942798118

4. **Puentedura EJ**, O'Grady WH. Thrust Joint Manipulation Skills for the Spine. OPTP, Minneapolis, MN, 2018. ISBN: 978-1942798125
5. Louw A, Flynn TW, **Puentedura EJ**. Everyone has back pain. OPTP, Minneapolis, MN, 2015. ISBN: 978-0-9904230-8-9
6. 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

Book Chapters Published

1. **Puentedura EJ**, Grant, B and Grant G. *Clinical Neurodynamics in the Lower Quadrant*. In: Hip and Knee Pain Disorders: An evidence-informed and clinical-based approach integrating manual therapy and exercise. Mathew, B, Courtney C and Fernandez-de-las-Peñas C. (Editors) Handspring Publishing, London, UK. 2022
2. **Puentedura EJ**, Longbottom T. *Pain Neuroscience Education: Treating the brain in hip and knee pain syndromes*. In: Hip and Knee Pain Disorders: An evidence-informed and clinical-based approach integrating manual therapy and exercise. Mathew, B, Courtney C and Fernandez-de-las-Peñas C. (Editors) Handspring Publishing, London, UK. 2022
3. Fernandez-de-las-Peñas C, **Puentedura EJ**. *What is multimodal management? Integrating hands-on and hands-off interventions for chronic pain in the lower extremity*. In: Hip and Knee Pain Disorders: An evidence-informed and clinical-based approach integrating manual therapy and exercise. Mathew, B, Courtney C and Fernandez-de-las-Peñas C. (Editors) Handspring Publishing, London, UK. 2022
4. **Puentedura EJ**, 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.
5. **Puentedura EJ**. *Spinal Manipulation*. In: Clinical Orthopaedic Rehabilitation, 3rd Edition. Brotzman S.B. and Manske, RC. Elsevier, Philadelphia, PA, 2011. ISBN-978-0-323-05590-1
6. **Puentedura EJ**. *Neurodynamics*. In: Clinical Orthopaedic Rehabilitation, 3rd Edition. Brotzman S.B. and Manske, RC. Elsevier, Philadelphia, PA, 2011. ISBN-978-0-323-05590-1
7. **Puentedura EJ**. *Specific Lumbar Stabilization*. In: Clinical Orthopaedic Rehabilitation, 3rd Edition. Brotzman S.B. and Manske, RC. Elsevier, Philadelphia, PA, 2011. ISBN-978-0-323-05590-1
8. Mintken P, **Puentedura EJ**, 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
9. **Puentedura EJ**, 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
10. Louw A, Mintken P, **Puentedura E.J.** *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
11. **Puentedura, E.J.** & Butler, D.S. (2008) *Clinical Neurodynamics in Cervical and Cervicobrachial Pain* Torres Cueco, 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. **Puentedura EJ**. Bridging the gap – Manual Therapy and Pain. PT Pain Summit II. California PT Assoc, November 7, 2021

2. **Puentedura EJ** and Hutting, N. Integrating Pain Neuroscience Education and Self-management Support in Musculoskeletal Physical Therapy. Breakout Sessions. AAOMPT 2021 (national conference); Cleveland, OH. October 9 & 10, 2021
3. **Puentedura EJ** and O'Grady, WH. Focus on the Cervical Spine: Evidence and the Provision of Safe and Effective Thrust Techniques. One-day pre-conference lab course. AAOMPT 2021 (national conference); Cleveland, OH. October 7, 2021
4. **Puentedura EJ**. Manual Therapy for the Spine: Evidence for effectiveness, Safety, and probable working mechanisms. Mathera. Manual Therapy Association Belgium. September 16, 2021
5. **Puentedura EJ**. Practicing as a Manual Therapist: Why "Just OK" is not OK. OPTP ProTalks. July 22, 2021
6. Martin Alves S, Andias R, **Puentedura EJ**, Silva A. Pain Neuroscience Education and Graded Exposure versus Pilates and postural education in workers with chronic non-specific low back pain. Poster Presentation. World Physiotherapy Congress Online, April 9 – 11, 2021
7. **Puentedura EJ** (Chair), Sharma S, Pokharel M, Silva AG. Pain Neuroscience Education in under-served and understudied populations. Focused Symposium (FS-04) World Physiotherapy Congress Online, April 9 – 11, 2021
8. **Puentedura EJ**. Three times I found myself outside my Comfort Zone and how it changed my life. Live Physical Therapy Innovators (PTI) Talk. AAOMPT Annual Conference 2020. Virtual Conference. November 6, 2020
9. **Puentedura EJ**. Should the Academy Promote the Advancement of its Members' Thrust Joint Manipulation Skills? Live Keynote Address - AAOMPT Annual Conference 2020. Virtual Conference. November 5, 2020
10. **Puentedura, EJ**. Manual Therapy for the Management of Neck Pain, Northern Arizona University, Advances in Musculoskeletal Management of the Spine, High Altitude Lecture Series, Virtual Edition, August 15, 2020
11. **Puentedura EJ**. Mechanisms of Spinal Manipulation. Horkest – Making Better People Congress, Mexico City, Mexico October 4, 2019
12. **Puentedura EJ**. Integrating Pain Neuroscience Education and Spinal Manipulative Therapy. Horkest – Making Better People Congress, Mexico City, Mexico October 3, 2019
13. Reynolds B, **Puentedura E**, Kolber MJ, Cleland J. Effectiveness of cervical spine thrust joint manipulation added to behavioral education, soft tissue mobilization, and exercise in individuals with temporomandibular disorder: A randomized clinical trial. Poster at Bradley University Research Expo; Peoria, IL; Spring 2017, President's award recipient. Regional presentation for IPTA; IL; Spring 2019. Platform presentation AAOMPT (national conference); Orlando, FL; Fall 2019.
14. Reynolds B, **Puentedura E**, Kolber MJ, Weaver R, Cairns N, Cleland J. Test-retest reliability and Construct Validity of the Jaw Functional Limitation Scale and TMD Disability Index. Poster Bradley University Research Expo; Peoria, IL; Spring 2019; Provost award recipient. Platform presentation AAOMPT (national conference); Orlando, FL; Fall 2019.
15. Reynolds B, **Puentedura E**, Kolber MJ, Flynn M, Dagraedt R, Cleland J. Local and Peripheral Change with Cervical Spine Thrust Joint Manipulation in Individuals with Temporomandibular Disorder with Myalgia: A Secondary Analysis of a Randomized Clinical Trial. Poster Bradley University Research Expo; Peoria, IL; Spring 2019. Platform presentation AAOMPT (national conference); Orlando, FL; Fall 2019.
16. Valenzuela-Pascual, F, **Puentedura, EJ**, Molina, F, Soler-Gonzalez, J, Corbi, F, Rubi-Carnacea, F, Climent-Sanz, C, Blanco-Blanco, J. "Patients' Perceptions and Beliefs regarding Chronic Low Back Pain in Primary Care: A Qualitative Study in Spain." Oral Communication, 11th Congress of the European Pain Federation EFIC, Valencia, Spain (September 6, 2019)
17. Valenzuela-Pascual, F, Virgili-Goma, J, **Puentedura, EJ**, Molina, F, Soler-Gonzalez, J, Corbi, F, Rubi-Carnacea, F, Climent-Sanz, C, Blanco-Blanco, J. "The Influence of a Web-Based Biopsychosocial Pain Education intervention on Pain, Disability, and Pain Cognition in Patients with Chronic Low Back Pain in Primary Care." ePoster 119. 11th Congress of the European Pain Federation EFIC, Valencia, Spain (September 6, 2019)
18. **Puentedura, EJ**. "Integrating Pain Neuroscience Education and Spinal Manipulation." Fisiofocus Congreso Internacional, Hospital Vall d'Hebron de Barcelona, Spain (May 21, 2019)

19. Grimes, J, Cheng, MS, **Puentedura, EJ**, Seitz, A. "Scapular Movement Impairments in Individuals with Subacromial Pain Syndrome Based on Scapular Assistance Test and Scapula Reposition Test Outcomes." Platform Presentation, APTA Combined Sections Meeting, Washington, DC. (February 24, 2019)
20. **Puentedura, EJ**, Louw, A, Cook, CE, Bialosky, J, Rushton, A, Finucane, L. "Crucial Conversations on Pain: Panel Discussion". American Academy of Orthopedic Manual Physical Therapists, Reno, NV. (November 9, 2018).
21. Louw, A, **Puentedura, EJ**. "Pain Science and Manual Therapy: The Brain has a body" Pre-conference 1-day course, American Academy of Orthopedic Manual Physical Therapists, Reno, NV. (November 8, 2018).
22. **Puentedura, EJ**. "Proposed mechanisms and effects of spinal manipulation". Keynote Address: Norges Naprapatforbund – Nocomm 2018 Oslo Norway (October 24, 2018)
23. **Puentedura, EJ**. "Integrating Pain Neuroscience Education and Spinal Manipulation". Keynote Address: Norges Naprapatforbund – Nocomm 2018 Oslo Norway (October 24, 2018)
24. **Puentedura, EJ**. "Thrust Joint Manipulation Skills for the Spine". Pre-conference ½ day course. Norges Naprapatforbund – Nocomm 2018 Oslo Norway (October 23, 2018)
25. **Puentedura, EJ**, "The Thoracic Spine as a Special Region: Evidence for effectiveness, Risks associated with manipulating the thoracic spine; and Pain Neuroscience Education", Nederlandse Vereniging Voor Manuele Therapie (NVMT), Hilversum, Netherlands (April 6, 2018)
26. **Puentedura, EJ**, Cleland, JA, "Thrust Joint Manipulation Skills for the Spine", Nederlandse Vereniging Voor Manuele Therapie (NVMT), Rotterdam, Netherlands (April 7, 2018)
27. Louw, A, **Puentedura, EJ**, Schmidt, S, Zimney, K. "What every PT student needs to know about Pain Neuroscience Education" APTA Combined Sections Meeting, New Orleans, LA. (February 24, 2018) [Educational Session]
28. **Puentedura EJ**, Albano, MJ, Blok, E, Gronert, B, Masuda, R, "Immediate Effects of Cervical Spine Manipulation on Gait Parameters in Individuals with Neck Pain" APTA Combined Sections Meeting, New Orleans, LA. (February 24, 2018) [Poster Presentation]
29. Grimes, JK, Cheng, S, **Puentedura, EJ**, Seitz, A, "The Immediate Effects of a Seated versus Supine Upper Thoracic Spine Thrust Manipulation Compared to Sham Manipulation in Individuals with Subacromial Pain Syndrome" APTA Combined Sections Meeting, New Orleans, LA. (February 23, 2018) [Platform Presentation]
30. **Puentedura, EJ**, "Manual Therapy and Neuroplasticity Education for Chronic MSK Pain," Universidad Rey Juan Carlos, Madrid, Spain. (February 9, 2018).
31. O'Grady WH, **Puentedura EJ**. AAOMPT Conference 2017, "Thrust joint manipulation for the junctional areas of the spine", American Academy of Orthopedic Manual Physical Therapists, Salt Lake City, UT. (October 20, 2017).
32. **Puentedura, EJ** ISPI Annual Clinical Conference, "Manipulating the Brain. Combining Pain Neuroscience Education and manual therapy," International Spine Pain Institute, Minneapolis, MN. (June 10, 2017).
33. 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)
34. 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]
35. 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)
36. 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)
37. **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).
38. **Puentedura, EJ** Spinal Manipulation: A Physical Therapy Approach, 3-day course, Physioscience Centro de Estudos, Rio De Janeiro, Brasil. (April 4-6, 2016)

39. **Puentedura, EJ** Therapeutic Neuroscience Education: Educating patients about pain, 3-day course, Physioscience Centro de Estudios, Rio De Janeiro, Brasil. (April 1-3, 2016)
40. **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).
41. **Puentedura, EJ**, Louw, A, Combined Sections Meeting 2016, Preoperative Neuroscience Education for Lumbar Radiculopathy, APTA CSM, Anaheim CA. (February 20, 2016).
42. Mintken, P, McDevitt, A, **Puentedura, EJ**, 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
43. **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).
44. **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).
45. **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).
46. **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).
47. **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).
48. **Puentedura, EJ**, ISPI Annual Clinical Conference, "Manipulating the Brain in Low Back Pain," International Spine Pain Institute, Minneapolis, MN. (June 20, 2015).
49. **Puentedura, EJ**, NAU Phoenix Campus, "Therapeutic Neuroscience Education," Northern Arizona University, Department of Physical Therapy, Phoenix, AZ. (April 17, 2015).
50. **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).
51. **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).
52. **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).
53. 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).
54. 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).
55. **Puentedura, EJ**, Fall Conference, "Craniofacial/ Cervical Conditions and Treatment," Colorado Physical Therapy Association, Parker, CO. (November 8, 2014).
56. 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).
57. **Puentedura, EJ**, 3rd Annual Conference, "The Neuroscience of Neurodynamics," International Spine Pain Institute (ISPI), Minneapolis, MN. (June 21, 2014).

58. 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).
59. **Puentedura, EJ**, Masters in Manual Therapy, "Therapeutic Neuroscience Education," Universidad Alcala de Henares, Madrid, Spain. (May 30, 2014 - June 1, 2014).
60. **Puentedura, EJ**, Masters in Manual Therapy, "Therapeutic Neuroscience Education," Universidad de las Baleares, Palma de Mallorca, Spain. (May 23, 2014 - May 25, 2014).
61. **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).
62. 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).
63. O'Grady, WH, **Puentedura, EJ**, Combined sections Meeting, "Thrust Joint Manipulation Skills," APTA CSM, Las Vegas, NV. (February 2, 2014 - February 3, 2014).
64. **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).
65. **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).
66. **Puentedura, EJ**, Pitt-Marquette Challenge 2013, "Classification-Based Treatment of Neck Pain," University of Pittsburgh Doctor of Physical Therapy Program. (April 13, 2013).
67. **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).
68. **Puentedura, EJ**, Louw, A, Timko, M, Combined Sections Meeting, "Spinal Manipulation for Physical Therapists," APTA CSM (January 20, 2013 - January 21, 2013).
69. **Puentedura, EJ**, Fall Conference, "Classification Based Approach to management of neck pain," Utah Physical Therapy Association, Salt Lake City, UT. (October 13, 2012).
70. **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 Quebec City, Quebec, Canada Sep 30 – Oct 5, 2012
71. **Puentedura, EJ**, "The effect of neuroscience education on pain, disability, anxiety, and stress in chronic musculoskeletal pain", Oral Presentation at IFOMPT 2012 Quebec City, Quebec, Canada Sep 30 – Oct 5, 2012 [Second place winner AAOMPT Platform Presentation Awards]
72. **Puentedura, EJ**, "Mechanisms of Manual Therapy", Keynote Address at ISPI Inaugural Annual Meeting in Kansas City, MO, June 16, 2012
73. 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)
74. Louw, A, **Puentedura EJ**, Complex Regional Pain: The Brain and Pain. APTA CSM 2012, Chicago, IL, February 2012 (2 hour presentation)
75. **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)
76. **Puentedura EJ**, Thrust Joint Manipulation for the Cervical Spine, APTA CSM 2012, Chicago, IL, February 2012 (2 hour presentation)
77. **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)
78. **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)

79. **Puentedura EJ,** Manipulation, mobilization and Stabilization for pain, APTA 2011, National Harbor, MD, June 8, 2011
80. **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
81. **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)
82. 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
83. **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
84. **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
85. **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
86. **Puentedura, EJ.** "Research into Injury and Axoplasmic Flow". (20 minute plenary session) Australian Physiotherapy Association, National Conference, Melbourne, Victoria. 1993.
87. **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.
88. 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. Nov 6 & 7, 2021 Presented Pain Neuroscience Education – Teaching patients about pain, an ISPI-EIM 2-day virtual lecture and lab course, Detroit, MI
2. Sep 11 & 12, 2021 Presented Management of Lumbopelvic Disorders, an EIM 2-day lab intensive course, West Jordan, UT
3. Aug 13 & 14, 2021 Co-presented with Adriaan Louw. Advanced Therapeutic Neuroscience Education: Focus on Function, an ISPI-EIM 2-day lecture and lab course, Kansas City, MO
4. Aug 6 – 8, 2021 Presented Educacion Neurosciencia de Dolor, a 3-day lecture and lab course in Spanish, San Jose, Costa Rica
5. Nov 23 – Dec 22, 2020 Presented Manual Therapy Management of Cervicothoracic Disorders, an EIM 5 week virtual lab course, online
6. Nov 14 & 15, 2020 Presented Pain Neuroscience Education – Teaching patients about pain, an ISPI-EIM 2-day virtual lecture and lab course, Olympic Spine and Sports Physical Therapy, Seattle, WA
7. Nov 8 – 29, 2020 Presented Educacion Neurosciencia de Dolor, an EIM 3-week online course in Spanish for South American Physiotherapists with weekly synchronous sessions.
8. Sep 26 & 27, 2020 Presented Spinal Manipulation for Physical Therapists, Weekend Intensive II, an EIM 2-day lecture and lab course, Newport News, VA
9. Aug 1 & 2, 2020 Presented Spinal Manipulation for Physical Therapists, Weekend Intensive II, an ISPI-EIM 2-day lecture and lab course, Johnson, IA
10. Jun 13 & 14, 2020 Presented Manual Therapy Management of Cervical Dysfunction, Congreso Virtual de la Columna Vertebral, FisioStudio, Peru
11. May 16 & 17, 2020 Co-presented Pain Neuroscience Education, GoToWebinar for EIM, online presentation.
12. Feb 29 & 30, 2020 Presented Manual Therapy Management of Cervicothoracic Disorders, an EIM 2-day lab intensive course, Kent, WA

13. Feb 8 & 9, 2020 Presented Pain Neuroscience Education – Teaching patients about pain, an ISPI-EIM 2 day lecture, Reston, WA
14. December 1 – 3, 2019 Presented Thrust Joint Manipulation Skills for Physical Therapists, 3 day lecture and lab course, San Jose, Costa Rica
15. Sep 7 & 8, 2019 Presented Thrust Joint Manipulation Skills for Physical Therapists, 2 day lecture and lab course Memorial Hermann Hospital System, Houston, TX
16. Aug 10 & 11, 2019 Presented Spinal Manipulation for Physical Therapists, Weekend Intensive II, an ISPI-EIM 2-day lecture and lab course, Des Moines, IA
17. Jun 8 & 9, 2019 Co-presented Neurodynamics: The body's living alarm system, an ISPI-EIM 2 day lecture and lab course, Norfolk, VA
18. Feb 23 & 24, 2019 Presented Neurodynamics: The body's living alarm system, an ISPI-EIM 2 day lecture and lab course, Cottonwood, AZ
19. Nov 17 & 18, 2018 Presented Spinal Manipulation for Physical Therapists, Weekend Intensive II, an ISPI-EIM 2-day lecture and lab course, Des Moines, IA
20. Oct 13 & 14, 2018 Presented Manual Therapy Management of Lower Extremity Disorders, an EIM 2-day lab intensive course, Kissimmee, FL
21. Aug 11 & 12, 2018 Presented Spinal Manipulation for Physical Therapists, Weekend Intensive II, an ISPI-EIM 2-day lecture and lab course, Des Moines, IA
22. Mar 17, 2018 Pain Neuroscience Education, a 1-day lecture and lab course at Medical University of South Carolina, Charleston, SC
23. Feb 3 & 4, 2018 Presented Manual Therapy Management of Cervicothoracic Disorders, an EIM 2-day lab intensive course, Terrio Physical Therapy and Fitness, Bakersfield, CA
24. Jan 20 & 21, 2018 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Alexandria, VA
25. Jan 13, 2018 Presented Pain Neuroscience Education, a 1-day lecture and lab course at Grand Junction, CO
26. Nov 18 & 19, 2017 Presented Spinal Manipulation for Physical Therapists, Weekend Intensive II, an ISPI-EIM 2-day lecture and lab course, Des Moines, IA
27. Nov 11, 2017 Presented Pain Neuroscience Education, a 1-day lecture and lab course at Bradley University, Peoria, IL
28. Nov 5, 2017 Presented Spinal Manipulation for Physical Therapists, a 1-day lecture and lab course at Franklin Pierce University, Manchester, NH
29. Nov 4, 2017 Presented Pain Neuroscience Education, a 1-day lecture and lab course at Franklin Pierce University, NH
30. Oct 14 & 15, 2017 Presented Manual Therapy Management of Lower Extremity Disorders, an EIM 2-day lab intensive course, Kent, WA
31. Sep 30 & Oct 1 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2-day lecture and lab course, Olivette, MO
32. Aug 19 & 20, 2017 Presented Manual Therapy Management of Cervicothoracic Disorders, an EIM 2-day lab intensive course, Bellevue, WI
33. Aug 12 & 13, 2017 Presented Spinal Manipulation for Physical Therapists, Weekend Intensive II, an ISPI-EIM 2-day lecture and lab course, Des Moines, IA
34. July 28-30, 2017 Presented Pain Neuroscience Education, a 3-day lecture and lab course, Santiago, Chile.
35. May 19 – 21, 2017 Presented Spinal Manipulation for Physical Therapists, a 3-day lecture and lab course, Oslo, Norway.
36. Mar 25 & 26, 2017 Presented Manual Therapy Management of Lower Extremity Disorders, an EIM 2-day lab intensive course, Bolingbrook, IL
37. Mar 11 & 12, 2017 Presented Whiplash Associated Disorders, an ISPI 2-day lecture and lab course, Bellevue, WA.
38. Feb 4 & 5, 2017 Presented Manual Therapy Management of Lumbopelvic Disorders, an EIM 2-day lab intensive course, Honolulu, HI

39. Jan 28 & 29, 2017 Presented Neurodynamics: The body's living alarm system, an ISPI-EIM 2 day lecture and lab course, Bethlehem, PA
40. Nov 19 & 20, 2016 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Gardendale, AL
41. Oct 8 & 9, 2016 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Naperville, IL
42. Oct 1 & 2, 2016 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Liberty, MO
43. June 3, 2016 Presented Pain Neuroscience Education, Lecture at Concord Hospital, NH
44. May 14 & 15, 2016 Presented Therapeutic Neuroscience Education, Weekend Intensive I, an ISPI-EIM 2 day lecture and lab course, Seattle, WA
45. 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
46. April 23 & 24, 2016 Presented Neurodynamics: The body's living alarm system, an ISPI-EIM 2 day lecture and lab course, Milwaukee, WI
47. Mar 19 & 20, 2016 Presented Differential Diagnosis of the Upper Quadrant, an ISPI-EIM 2 day lecture and lab course, Duluth, MN
48. Mar 5 & 6, 2016 Presented Manual Therapy for the Thoracic Spine, an ISPI-EIM 2 day lecture and lab course, Liberty, MO
49. Feb 27 & 28, 2016 Presented Neurodynamics: The body's living alarm system, an ISPI-EIM 2 day lecture and lab course, Naperville, IL
50. Feb 6 & 7, 2016 Presented Manual Therapy for the Thoracic Spine, an ISPI-EIM 2 day lecture and lab course, Cincinnati, OH
51. Jan 30 & 31, 2016 Presented Advanced Manipulation Skills for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Flower Mound, TX
52. Dec 5 & 6, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Story City, IA
53. Nov 7 & 8, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Ashburn, VA
54. Oct 10 & 11, 2015 Presented Differential Diagnosis of the Upper Quadrant, an ISPI-EIM 2 day lecture and lab course, Liberty, MO
55. Sep 19 & 20, 2015 Presented Manual Therapy for the Thoracic Spine, an ISPI-EIM 2 day lecture and lab course, Hummelstown, PA
56. Jun 27 & 28, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Flower Mound, TX
57. May 2 & 3, 2015 Presented Manual Therapy for the Thoracic Spine, an ISPI-EIM 2 day lecture and lab course, Peachtree, GA
58. April 24 & 25, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI-EIM 2 day lecture and lab course, Saranac Lake, NY
59. Mar 28 & 29, 2015 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Carroll, IA
60. Mar 21 & 22, 2015 Presented Differential Diagnosis of the Lower Quadrant, an ISPI 2 day lecture and lab course, Liberty, MO
61. Oct 11 & 12, 2014 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, St Louis, MO
62. June 27 & 28, 2014 Presented Neurodynamics: The body's living alarm system, an ISPI 2 day lecture and lab course, Flagstaff, AZ
63. May 3 & 4, 2014 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Kansas City, MO

64. Mar 15 & 16, 2014 Presented Therapeutic Neuroscience Education, an ISPI 2 day lecture and lab course, Front Royal, VA
65. Mar 8 & 9, 2014 Presented Advanced Manipulation Skills for Physical Therapists, an ISPI 2 day lecture and lab course, Newark, DE
66. Dec 15 & 16, 2013 Presented Therapeutic Neuroscience Education, an ISPI 2 day lecture and lab course, Minneapolis, MN
67. Nov 2 & 3, 2013 Presented Whiplash Associated Disorders, an ISPI 2 day lecture and lab course, Seattle, WA.
68. Oct 12 & 13, 2013 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Ashburn, VA
69. Sep 28 & 29, 2013 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Minneapolis, MN
70. Sep 13 & 14, 2013 Presented Therapeutic Neuroscience Education, an ISPI 2 day lecture and lab course, Cottonwood, AZ
71. May 4 & 5, 2013 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Dallas-Fort Worth, TX
72. April 27 & 28, 2013 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Clearwater, FL
73. April 6 & 7, 2013 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Liberty, MO
74. March 16 & 17, 2013 Presented Differential Diagnosis of the Lower Quadrant, an ISPI 2 day lecture and lab course, Elkridge, MD
75. Feb 9 & 10, 2013 Presented Neurodynamics: The body's living alarm system, an ISPI 2 day lecture and lab course, Oklahoma City, OK
76. Jan 26 & 27, 2013 Presented Therapeutic Neuroscience Education, an ISPI 2 day lecture and lab course, Minneapolis, MN
77. Jan 12 & 13, 2013 Presented Neurodynamics: The body's living alarm system, an ISPI 2 day lecture and lab course, Atlanta, GA
78. Dec 1 & 2, 2012 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Brighton, CO
79. Nov 10 & 11, 2012 Presenting Advanced Spinal Manipulation Course for Physical Therapists, an ISPI 2 day lecture and lab course, South Lake Tahoe, CA
80. Oct 27 & 28, 2012 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Elkridge, MD
81. Sep 22 & 23, 2012 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Liberty, MO
82. June 22 & 23, 2012 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Cottonwood, AZ
83. May 5 & 6, 2012 Presenting Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, South Lake Tahoe, CA
84. 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
85. March 31/April 1, 2012 Presenting Advanced Spinal Manipulation Course for Physical Therapists, an ISPI 2 day lecture and lab course, Buffalo, NY
86. March 24 & 25, 2012 Presented Spinal Segmental Stabilization for Low Back Pain, an ISPI 2 day lecture and lab course, Lincoln, NE
87. December 3 & 4, 2011 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Buffalo, NY
88. November 12 & 13, 2011 Presented Differential Diagnosis of the Upper Quadrant, an ISPI 2 day lecture and lab course, Nebraska Medical Center, Omaha, NE

89. October 15 & 16, 2011 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, South Lake Tahoe, CA
90. 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
91. 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
92. September 10 & 11, 2011 Presenting Advanced Spinal Manipulation Course for Physical Therapists, an ISPI 2 day lecture and lab course, Medford, OR
93. May 19, 2011 Presented Mechanisms of Manual Therapy, 3 hours Evening Series Lecture in Boise, ID
94. May 21 & 22, 2011 Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Rehab Authority, Boise, ID
95. April 30/ May 1, 2011 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Vail, CO
96. April 9 & 10, 2011 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, UNLV, Las Vegas, NV
97. December 4 & 5, 2010 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Rehab Authority, Boise, ID
98. 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
99. October 23 & 24, 2010 Presented Differential Diagnosis of the Lower Quadrant, an ISPI 2 day lecture and lab course, UNLV, Las Vegas, NV
100. October 2 & 3, 2010 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, South Lake Tahoe, CA
101. September 25 & 26, 2010 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Medford, OR
102. May 22 & 23, 2010 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Baltimore, MD
103. April 17 & 18, 2010 Presenting Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, UNLV, Las Vegas, NV
104. March 27 & 29, 2010 Presenting Mobilization of the Nervous System, an NOI 2 day lecture and lab course, South Lake Tahoe, CA
105. December 5 & 6, 2009 Co-Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Baltimore, MD
106. November 7 & 8, 2009 Co-presented Explain Pain, an NOI 2 day lecture and discussion course, UNLV, Las Vegas, NV
107. October 10 & 11, 2009 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Post Falls, ID
108. September 26 & 27, 2009 Co-Presented Manual Therapy for the Thoracic Spine, an ISPI 2 day lecture and lab course, Liberty, MO
109. September 24, 2009 Presented Spinal Stabilization Evening Lecture Series, Kansas City, MO
110. July 25 & 26, 2009 Presented Manual Therapy for the Shoulder Joint, an ISPI 2 day lecture and lab course, Chicago, IL
111. June 6 & 7, 2009 Co-Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Las Vegas, NV
112. May 2 & 3, 2009 Presented Spinal Manipulation for Physical Therapists, an ISPI 2 day lecture and lab course, Las Vegas, NV
113. April 4 & 5, 2009 Presented Manual Therapy for the Lumbar Spine, an ISPI 2 day lecture and lab course, Carson City, NV
114. March 28 & 29, 2009 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Denver, CO

115. December 6 & 7, 2008 Presented Spinal Segmental Stabilization for Low Back Pain, Liberty, MO
116. November 15 & 16, 2008 Presented Spinal Manipulation, an ISPI 2 day lecture and lab course, UNLV, Las Vegas, NV
117. 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)
118. October 11 & 12, 2008 Presented Manual Therapy for the Shoulder Joint, an ISPI 2 day lecture and lab course, Olathe, KS
119. June 21 & 22, 2008 Presented Differential Diagnosis of the Upper Quadrant, an ISPI 2 day lecture and lab course, Ithaca, NY
120. May 3 & 4, 2008 Presented Post-Spinal Surgery Rehabilitation, an ISPI 2 day lecture and lab course, Dallas, TX
121. April 26 & 27, 2008 Presented Differential Diagnosis of the Upper Quadrant, an ISPI 2 day lecture and lab course, Las Vegas, NV
122. April 5 & 6, 2008 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Moscow, ID
123. 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
124. November 10 & 11, 2007 Presented Spinal Manipulation, an ISPI 2 day lecture and lab course, Rockhurst University, Kansas City, MO
125. November 8, 2007 Presented evening lecture. Spinal Segmental Stabilization for Low Back Pain, Rockhurst University, Kansas City, MO
126. 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)
127. September 22 & 23, 2007 Presented Spinal Manipulation, an ISPI 2 day lecture and lab course, Dallas, TX
128. September 15 & 16, 2007 Presented Mobilization of the Nervous System, an NOI 2 day lecture and lab course, Tucson, AZ
129. 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. Nov 6 – 7, 2021 Research Symposium: PT Pain Summit II. California PT Association, Virtual Conference.
2. Oct 8 – 10, 2021 American Academy of Orthopedic Manual Physical Therapists (AAOMPT) Annual Conference – Cleveland, OH.
3. Aug 27 – 29, 2021 Align Conference, Evidence in Motion. Virtual event.
4. Apr 9 – 10, 2021 World Physiotherapy Congress, Virtual event.
5. Feb 2 - 4, 2021 University Professional & Continuing Education Association (UPCEA) Summit for Online Leadership and Administration + Roundtable. Virtual Event.
6. Jan 31 – April 9, 2021 APTA, Combined Sections Meeting – Online, Instructor-Led courses
7. Nov 23 & 24, 2020 VH Dissector – TolTech User Conference. Online
8. Nov 5 – 7, 2020 American Academy of Orthopedic Manual Physical Therapists (AAOMPT) Annual Conference, Virtual Edition
9. Aug 28 – 30, 2020 Evidence in Motion, Align Conference, Virtual Edition
10. Aug 15 – 16, 2020 Northern Arizona University, Advances I Musculoskeletal Management of the Spine, High Altitude Lecture Series, Virtual Edition
11. Jun 15 – 19, 2020 American Association of Clinical Anatomists, Virtual Annual Meeting, Online via Zoom
12. Jun 8 – 12, 2020 Evidence in Motion University Partners Hybrid Learning Summit, Online via Zoom

13. February 12 – 15, 2020 APTA, Combined Sections Meeting – Denver, CO
14. October 24 - 27, 2019 American Academy of Orthopedic Manual Physical Therapists (AAOMPT) Annual Conference – Orlando, FL
15. June 27 – 28, 2019 Touch of Life Technologies, User Meeting, UNLV School of Medicine, Las Vegas, NV
16. February 11 – 14, 2019 Evidence in Motion Hybrid Learning Summit – New Braunfels, TX
17. January 22- 27, 2019 APTA, Combined Sections Meeting – Washington, DC
18. November 7 – 11, 2018 American Academy of Orthopedic Manual Physical Therapists (AAOMPT) Annual Conference – Reno, NV
19. October 18 – 20, 2018 Norwegian Naproopathy Conference – Oslo, Norway
20. July 8 – 12, 2018 American Association of Clinical Anatomists, Annual Conference – Atlanta, GA
21. February 21 – 25, 2018 APTA Combined Sections Meeting – New Orleans, LA
22. February 7 – 11, 2018 Universidad Rey Juan Carlos, Alcorcon, Madrid, Spain
23. January 24 – 26, 2018 Evidence in Motion Hybrid Learning Summit, San Antonio, TX
24. January 5 – 7, 2018 Foreign Credentialing Commission on Physical Therapy Board of Directors Strategic Planning Meeting, Miami, FL
25. October 19 – 22, 2017 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Salt Lake City, UT
26. June 9 – 11, 2017 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
27. February 15 – 18, 2017 APTA Combined Sections Meeting – San Antonio, TX
28. November 3 – 5, 2016 Federation of State Boards of Physical Therapy (FSBPT) Annual Meeting – Columbus, OH
29. October 27 – 30, 2016 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – St. Louis, MO
30. July 4 – 9, 2016 International Federation of Orthopaedic Manual Physical Therapists (IFOMPT) – Glasgow, United Kingdom
31. June 24 – 25, 2016 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
32. February 17 – 20, 2016 APTA Combined Sections Meeting – Anaheim, CA
33. October 22 – 25, 2015 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Louisville, KY
34. August 20 – 22, 2015 New Zealand Manipulative Physiotherapists Association (NZMPA) Annual Conference – Christchurch, New Zealand
35. June 19 -21, 2015 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
36. February 4 – 7, 2015 APTA Combined Sections Meeting – Indianapolis, IN
37. October 23 – 26, 2014 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – San Antonio, TX
38. September 4 – 6, 2014 American Association of Cardiovascular and Pulmonary Rehabilitation (AACVPR) Conference – Denver, CO
39. August 1 – 3, 2014 Federation of State Boards of Physical Therapy (FSBPT) Leadership Issues Forum (LIF) – Alexandria, VA
40. June 20 – 22, 2014 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
41. February 3 – 6, 2014 APTA Combined Sections Meeting – Las Vegas, NV
42. October 17 – 20, 2013 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Cincinnati, OH
43. June 7 – 9, 2013 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
44. January 21 – 24, 2013 APTA Combined Sections Meeting – San Diego, CA
45. October 1 – 5, 2012 International Federation of Orthopaedic Manual Physical Therapists (IFOMPT) – Quebec City, Quebec Canada
46. June 15 – 17, 2012 International Spine Pain Institute (ISPI) Annual Conference – Minneapolis, MN
47. June 6 – 9, 2012 APTA Next Conference – Tampa, FL
48. February 6 - 9, 2012 APTA Combined Sections Meeting – Chicago, IL

49. October 26 – 29, 2011 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Anaheim, CA
50. June 8 – 11, 2011 APTA Next Conference – National Harbor, MD
51. February 9 - 12, 2011 APTA Combined Sections Meeting – New Orleans, LA
52. October 7 – 10, 2010 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – San Antonio, TX
53. August 12 – 14, 2010 Federation of State Boards of Physical Therapy (FSBPT) Board Member Training – Alexandria, VA
54. June 16 – 19, 2010 APTA Next Conference – Boston, MA
55. February 16 - 20, 2010 APTA Combined Sections Meeting – San Diego, CA
56. October 14 – 17, 2009 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Washington, DC
57. June 10 – 13, 2009 APTA Next Conference – Baltimore, MD
58. February 9 - 14, 2009 APTA Combined Sections Meeting – Las Vegas, NV
59. October 29 – 31, 2008 American Academy of Orthopaedic Manual Physical Therapy (AAOMPT) Annual Conference – Seattle, WA
60. June 12 – 15, 2008 APTA Next Conference – San Antonio, TX
61. 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)
- **Puentedura 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)
- **Puentedura 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)
- **Puentedura 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)
- **Puentedura E**, Slaughter, R, Reilly, S, Ventura, E, (2014) Utilization of spinal manipulation: a survey study. UNLVPT Student Opportunity Research Grant, Amount: \$1,100 (Funded)
- **Puentedura 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)
- **Puentedura 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)
- **Puentedura 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
 - Research 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) 2009 - 2015
 - 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) 2015 - 2019
 - Appointed to the Board of Directors - January 2015
- Coordinator for the PhD in Interdisciplinary Health Sciences at UNLV 2015 – 2017
 - Appointed - summer 2015
- Associate Editor – Journal of Manual and Manipulative Therapy
 - Appointed - January 2015
- Reviewer for the following Journals
 - Archives of Physical Medicine and Rehabilitation
 - BMC Medical Imaging
 - 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

- Baylor Doctor of Physical Therapy Program
 - Committee Member – Curriculum (2018 to 2021)

- Co-chair – Faculty Engagement (2020 – present)
- UNLV Department of Physical Therapy
 - Graduate Coordinator (2007 to 2017)
 - Graduate Coordinator - PhD in IHS – Rehab Sciences Committee (2014 to 2017)
 - Committee member – Scholarship (2013 to 2017)
 - Committee member – Curriculum (2016 to 2017)
 - Committee member – Clinical Education (2016 to 2017)
 - Chair – Media Committee (2014 to 2016)
 - Chair – Website (2013 – 2014)
 - Committee Member – Academic Review (2013 to 2016)
 - Committee Member – Orientation (2013 to 2013)
- UNLV School of Allied Health Sciences
 - Committee member - Appeals (2011 to 2017)
 - Committee member – Faculty Review (2015 to 2016)
 - Chair – PhD in IHS committee (2015 to 2016)
 - Committee member – UNLV SOM Curriculum Committee (2016 to 2017)
 - Committee member – UNLV SOM Admissions Committee (2016 to 2017)
- University of Nevada, Las Vegas
 - Committee member, Graduate College Scholarship (2016 to 2017)
 - Committee member, Graduate Council (2016 to 2017)

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