

Mark Bishop
CURRICULUM VITAE

Education:

- 1986 – 1989 B.Phty (Physiotherapy), University of Queensland, Brisbane, Queensland, Australia
1995 – 1998 M.H.S. (Health Science), University of Florida, Gainesville, Florida, USA
1999 – 2002 Ph.D. (Rehabilitation Science), University of Florida, Gainesville, Florida, USA

Employment

- 1989 – 1991 Physiotherapist, Gold Coast Hospital, Southport, QLD, Australia
1991 – 1992 Physiotherapist, Cathryn Bishop & Associates, Pty. Ltd. Mackay, QLD, Australia
1992 – 1993 Physiotherapist, Max Bell Sports Medicine Physiotherapy Centre, Calgary, AB, Canada
1993 – 1994 Physical Therapist, Alachua General Hospital, Gainesville, FL, USA
1994 – 1996 Physical Therapist, The Achievement Center, Gainesville, Florida
1996 – 1999 Physical Therapist, ReQuest Physical Therapy, Gainesville, Florida
1998 – 1999 Adjunct Instructor, Dept of Physical Therapy, Univ. of Florida, Gainesville, FL, USA
1999 – 2002 Teaching Assistant, Dept of Physical Therapy, Univ. of Florida, Gainesville, FL, USA
2002 – 2005 Lecturer, Dept of Physical Therapy, Univ. of Florida, Gainesville, FL, USA
2005 – 2012 Assistant Professor, Dept of Physical Therapy, Univ. of Florida, Gainesville, FL, USA
2012 – present Associate Professor, Dept of Physical Therapy, Univ. of Florida, Gainesville, FL, USA

Peer Reviewed Publications:

Publications

1. Barstow IK, Gilliam J, **Bishop MD**. Physical Therapy management of patients with low back pain: an evidence based approach. *Ortho Clinics Phys Ther* 1998, 7(3):447-487
2. **Bishop MD**, Trimble MH, Bauer JA, Kaminski TW. Differential control during maximal concentric and eccentric loading revealed by characteristics of the electromyogram. *J Electro Kines*. 2000, 10(6):399-405.
3. Trimble MH, **Bishop MD**, Buckley B, Fields L, Rozea G. The relationship of lower extremity postures to laxity of the ACL. *Clinical Biomech*. 2002, 17(4): 286-290.
4. Fiolkowski P, Brunt D, **Bishop MD**, Woo R. Does postural instability affect the initiation of human gait? *Neurosci Lett*. 2002, 323: 167-170.
5. **Bishop MD**, Brunt D, Pathare N, Patel B. Limb interaction during gait termination in humans, *Neurosci Lett* 2002, 323 (1):1-4.
6. Barstow IK, **Bishop MD**, Kaminski TW. Is enhanced-eccentric resistance training superior to traditional training for increasing elbow flexor strength. *J Sports Sci Med*, 2003, 2: 62-69
7. Fiolkowski P, Brunt D, Bishop M, Woo R, Horodyski M. Intrinsic pedal musculature support of the medial longitudinal arch: An electromyography study. *J Foot Ankle Surg*. 2003, 42(6):327-33.
8. **Bishop MD**, Brunt D, Kukulka CG, Pathare N, Tillman MD. Modulation of the braking impulse under the stance limb during unplanned gait termination in human subjects with parkinsonism. *Neurosci Lett*. 2003 Sep 11;348(2):89-92
9. Del Rossi G, Fiolkowski P, **Bishop MD**, Horodyski MB, Trimble MH. For how long do temporary techniques maintain the height of the medial longitudinal arch? *Phys Ther Sport*. 2004, 5(2)
10. **Bishop MD**, Brunt D, Pathare N, Patel B. The effects of cadence on the strategies used during gait termination. *Gait and Posture*, 2004, 20 (2):134-139
11. Li S, Kukulka CG, Rogers MW, Brunt D, **Bishop MD**. Sural nerve evoked responses in human hip and ankle muscles while standing. *Neurosci Lett*, 2004; 364, 59-62
12. **Bishop MD**, Brunt D, Fiolkowski P, Pathare N, Ko M, Marjama-Lyons J. Gait termination in parkinsonism: a review. *J Korean Acad Univ Trained Phys Ther*. 2003, 10(4): 43-60
13. **Bishop MD** and N Pathare. Considerations for the use of surface electromyography. *J Korean Acad Univ Trained Phys Ther*. 2004, 11(4): 61-70

14. **Bishop MD**, Brunt D, N Pathare, M Ko, J Marjama - Lyons. Changes in distal muscle timing may contribute to slowness during sit to stand in Parkinsons disease. *Clin Biomech*, 2005; 20:112-117
15. Fiolkowski P, **Bishop MD**, Brunt D, Williams DB. Plantar feedback contributes to the regulation of leg stiffness. *Clin Biom*, 2005, 20 (9):952-958
16. **Bishop MD**, Brunt D, Marjama-Lyons J. Do people with Parkinsons disease change strategy during unplanned gait termination? *Neurosci Lett*, 2006, 397:240-244
17. Newberry L, **Bishop MD**. Plyometric and agility training into the regimen of a patient with post-surgical anterior knee pain: a case report. *Phys Ther Sport*, 2006, 161-167
18. Fiolkowski P, Horodyski MB, **Bishop MD**, Williams M, Stylianou L. Changes in gait kinematics and posture with the use of a front pack. *Ergonom*, 2006 Jul 15;49(9):885-94
19. **Bishop MD**, Fiolkowski P, Brunt D, Woo R, Horodyski MB. The Effects Of Athletic Footwear on Leg Stiffness and Running Kinematics. *J Athl Train*, 2006, 41(4), 387-392
20. George SZ, **Bishop MD**, Bialosky JE, Zeppieri G, Robinson ME. Immediate analgesic effects of spinal manipulation on thermal pain sensitivity: an experimental study, *BMC Musculoskel Disord*, 2007 7:68
21. Chmielewski TL, Hodges MJ, Horodyski MB, Conrad BP, **Bishop MD**, Tillman SMA Comparison of Clinician Agreement in Evaluating Lower Extremity Movement Patterns Using Two Rating Methods, *J Ortho Sports Phys Ther*, 2007 37(3):122-9
22. **Bishop MD**, Meuleman J, Robinson M, Light KE. Effect of pain and depression on balance, mobility and confidence in older men. *J Rehab Res Dev*. 2007 44 (5): 675-684
23. Lentz T, Huegel M, **Bishop MD**. Determining the most likely source of symptoms in a patient with unilateral upper extremity paresthesia. *Ortho Phys Ther Practice*. 2007; 20(3): 24-26
24. Bialosky JE, **Bishop MD**, Robinson ME, Barabas JA, George SZ. The influence of expectation on spinal manipulation induced hypoalgesia: an experimental study in normal subjects. *BMC Musculo Disorders*. 9(1): 19
25. Jayaraman J, Shah PK, Gregory CM, Stevens JE, Bowden M, **Bishop MD**, Walter GA, Behrman AL, Vandeborne K. Muscle Adaptations and Locomotor Training after Incomplete Spinal Cord Injury: A Case Series. *J Spinal Cord Med*. 2008, 31 (2) 185-193
26. Fuller, D.D., Sandhu, M., Doperalski, N.J., Lane, M., White, T.E., **Bishop, M.D.**, Reier, P.J., Graded unilateral cervical spinal cord injury and respiratory motor recovery, *Respiratory Physiology & Neurobiology* (2008), doi:10.1016/j.resp.2008.12.010
27. Bialosky JE, **Bishop MD**, Robinson ME, Price DD, George SZ. The Mechanisms of Manual Therapy in the Treatment of Musculoskeletal Pain: A Proposed Comprehensive Model. *Man Therapy* 14 (2009), 531-538: doi: 10.1016/j.math.2008.09.001
28. Sutton SZ, Greenburg S, **Bishop MD**. Association of pain related beliefs with disability and pain in patients with foot and/or ankle pain: a case series. *Ortho Phys Ther Practice*. 2008; 20(4):200-207
29. Beneciuk JM, **Bishop MD**, George SZ. Clinical Prediction Rules for Physical Therapy Interventions: A Systematic Review. *PTJ*. 2009 Feb;89(2):114-24
30. Lentz TA, Barabas J, Day T, **Bishop MD**, George SZ. The relationship of pain-related fear, pain, and physical impairment to disability in patients with shoulder pathology. *J Ortho Sports Phys Ther*. 2009;39(4):270-277
31. **Bishop MD**, Light KE, Robinson ME. Tobacco use affects changes in perceived function but not balance and mobility performance in frail older adults after intervention for a balance disorder. *Arch Phys Med Rehab*, 2009;90:1613-8.
32. Bialosky JE, **Bishop MD**, Robinson ME, George SZ. The Immediate Effects of Spinal Manipulative Therapy on Thermal Pain Sensitivity in Participants with Low Back Pain: A Randomized, Controlled Trial. *Phys Ther*. 2009 Dec;89(12):1292-303
33. Beneciuk JM, **Bishop MD**, George SZ. Effects of Upper Extremity Neural Mobilization on Thermal Pain Sensitivity: A Sham Controlled Study in Asymptomatic Participants. *J Ortho Sports Phys Ther*. 2009;39(6):428-438
34. Hass CJ, **Bishop MD**, Doidge D, Wikstrom EA. Chronic Ankle Instability Alters Central Organization of Movement. *Am J Sport Med*. 2010 Apr;38(4):829-

35. **Bishop MD**, Craggs J, Horn ME, Robinson ME , George SZ. Relationship of intersession variation in negative pain-related affect and responses to thermally evoked pain. *J Pain*. 2010 Feb;11(2):172-8
36. Bialosky JE, **Bishop MD**, Robinson ME, George SZ. The relationship of the audible pop to hypoalgesia associated with high velocity, low amplitude thrust manipulation. A secondary analysis of an experimental study in pain free participants *J Man Physiol Ther*. 2010;33:117-124
37. Wikstrom E, **Bishop MD**, Inamdar A, Hass CJ. Gait Termination Control Strategies are altered in Chronic Ankle Instability Subjects. *Med Sci Exer Sport*. 2010 Jan;42(1):197-205
38. Beneciuk JM, **Bishop MD**, George SZ. Pain catastrophizing predicts pain intensity during a neurodynamic test for the median nerve in healthy participants. *Man Ther*. 2010 15:370e375
39. Robinson ME, Bialosky JE, **Bishop MD**, George SZ. Supra-threshold Scaling, Temporal Summation, and After-sensation. *J Pain Res*. 2010. 3: 25 - 32
40. Lentz TA, Sutton SZ, Greenberg S, **Bishop MD**. Pain-related fear contributes to self-reported disability in patients with foot and ankle pathology. *Arch Phys Med Rehab*. 2010 Apr;91(4):557-61
41. Bialosky JE, **Bishop MD**, Cleland JA. Individual Expectation: An overlooked, but pertinent factor in the treatment of individuals experiencing musculoskeletal pain. *Phys Ther*. 2010 90(9): 1345-1355
42. **Bishop MD**, Patterson TS, Romero S, Light KE. Improved fall-related efficacy in older adults related to changes in dynamic gait ability. *Phys Ther*. 2010. 90: 1598-1606
43. **Bishop MD**, Bialosky JE, Cleland JA. Patient expectations of benefit from common interventions for low back pain and effects on outcome: secondary analysis of a clinical trial of manual therapy interventions. *J Man Manip Ther*. 2011 Feb;19(1):20-5.
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45. **Bishop MD**, Horn ME, George SZ, Robinson ME. Self-reported pain and disability outcomes from an endogenous model of muscular back pain. *BMC Musculoskeletal Disorders* 2011, 12:35.
46. Patterson TS, **Bishop MD**, McGuirk TE, Sethi A, Richards LG. Reliability of Upper Extremity Kinematics While Performing Different Tasks in Individuals Post Stroke. *J Motor Behav*. 2011, 23:1
47. Ko MS, **Bishop MD**, Behrman AL. Effects of Limb Loading on Gait Initiation in Persons with Moderate Hemiparesis. *Topics Stroke Rehab*. 2011 18 (3): 258-268
48. Alappattu MJ, **Bishop MD**, Bialosky JE, George SZ, Robinson ME. Stability of Behavioral Estimates of Activity-Dependent Modulation of Pain. *J Pain Res*. 2011;4 1–7 PMC3141831
49. **Bishop MD**, Beneciuk J, George SZ. Reduction in temporal sensory summation after spinal manipulation. *Spine J*. 2011 May;11(5):440-6. PMC3092807
50. **Bishop MD**, Horn ME, George SZ. Exercise-induced pain intensity predicted by pre-exercise fear of pain and pain sensitivity. *Clin J Pain*. 2011 Jun;27(5):398-404. PMC3092017
51. Alappattu MJ, **Bishop MD**. Application of the fear avoidance model to chronic pelvic pain. *Phys Ther*. 2011 Oct;91(10):1542-50 PMC3185223
52. Romero S, **Bishop MD**, Velozo C, Light K. Minimum Detectable Change of the Berg Balance Scale and Dynamic Gait Index in Geriatric Patients with Gait and Balance Deficits. *J Ger Phys Ther*. 2011 Jul-Sep;34(3):131-7
53. Dalton E, **Bishop MD**, Tillman MD, Hass CJ. Simple change in initial standing position enhances the initiation of gait. *Med Sci Sport Exer*. 2011 Dec;43(12):2352-8.
54. **Bishop MD**, Horn ME, Lott DJ, Arpan I, George SZ. Magnitude of spinal muscle damage is not statistically associated with exercise-induced low back pain intensity. *Spine J*. 2011 Dec;11(12):1135-42
55. Bialosky JE, **Bishop MD**, Robinson ME, Price DD, George SZ. Heightened Pain Sensitivity in Individuals with Signs and Symptoms of Carpal Tunnel Syndrome and the Relationship to Clinical Outcomes Following a Manual Therapy Intervention Manual Therapy. *Man Ther*. 2011 Dec;16(6):602-8
56. Villafañe JH, Silva GB, **Bishop MD**, Fernandez-Carnero J. Radial nerve mobilization decreases pain sensitivity and improves motor performance in patients with thumb carpometacarpal osteoarthritis: a randomized, controlled trial. *Arch Phys Med Rehab*. 2012 Mar;93(3):396-403

57. Sindhu BS, Lehman LA, Tarima S, **Bishop MD**, Hart DL, Klein MR, Shivakoti M, Wang YC. Influence of fear-avoidance beliefs on functional status outcomes for people with musculoskeletal conditions of the shoulder. *Phys Ther.* 2012 Aug;92(8):992-1005.
58. **Bishop MD**, George SZ, Robinson ME. Dynamic, but not static, pain sensitivity predicts exercise-induced muscle pain: Covariation of temporal sensory summation and pain intensity. *Neurosci Lett.* 2012; 562 (1), 1-4
59. Gay CW, **Bishop MD**, Beres J. Thoracic Myelopathy, a vague manifestation: Clinical Presentation of a Patient at a Chiropractic Clinic. *J Chiro Med.* 2012 Jun;11(2):115-20 PMC3368975
60. Coronado RA, Gay CW, Bialosky JE, **Bishop MD**, George SZ, Mann G. Changes in Pain Sensitivity following Spinal Manipulation: a Systematic Review and Meta-Analysis. *J Electro Kines.* 2012 Oct;22(5):752-67 PMC3349049
61. Bialosky JE, Simon CB, **Bishop MD**, George SZ. Basis for spinal manipulative therapy: A physical therapist perspective. *J Electromyogr Kinesiol.* 2012 Oct;22(5):643-7.
62. **Bishop MD**, Romero S, Patterson TS, Singletary FF, Light KE. Exploration of patient centered success criteria and clinically measured improvement during falls rehabilitation. *J Ger Phys Ther.* 2012 Oct-Dec;35(4):181-90
63. Anderson RJ, Craggs JG, Bialosky JE, **Bishop MD**, George SZ, Staud R, Robinson ME. Temporal summation of second pain: Variability in responses to a fixed protocol. *Eur J Pain.* 2013 Jan;17(1):67-74
64. La Touche R, París-Alemán A, Mannheimer JS, Angulo-Díaz-Parreño S, **Bishop MD**, López-Valverde-Centeno A, von Piekartz H, Fernández-Carnero J. Does Mobilization of the Upper Cervical Spine Affect Pain Sensitivity and Autonomic Nervous System Function in Patients With Cervico-craniofacial Pain?: A Randomized-controlled Trial. *Clin J Pain. Clin J Pain.* 2013 Mar;29(3):205-15. doi: 10.1097/AJP.0b013e318250f3cd. PMID:22874091
65. Villafañe JH, **Bishop MD**, Fernández-de-las-Peñas C, Langford D. Radial nerve mobilisation had bilateral sensory effects in people with thumb carpo-metacarpal osteoarthritis: a randomised trial. *J Physiother.* 2013 Mar;59(1):25-30. doi: 10.1016/S1836-9553(13)70143-7. PMID: 23419912
66. Beneciuk JM, **Bishop MD**, Fritz JM, Robinson ME, Asal NR, Nisenzon AN, George SZ. The STarT Back Screening Tool and Individual Psychological Measures: Evaluation of Prognostic Capabilities for Low Back Pain Clinical Outcomes in Outpatient Physical Therapy Settings. *Phys Ther.* 2012 Nov 2
67. Horn ME, **Bishop MD**. Flexion Relaxation Ratio Not Responsive to Acutely Induced Low Back Pain from a Delayed Onset Muscle Soreness Protocol. *ISRN Pain*, 2013, <http://dx.doi.org/10.1155/2013/617698>.
68. Gay CW, Alappattu MJ, Coronado RA, Horn ME, **Bishop MD**. Effect of a single session of muscle-biased therapy on pain sensitivity: a systematic review and meta-analysis of randomized controlled trials. *J Pain Res.* 2013;6:7-22. doi: 10.2147/JPR.S37272.PMID:23403507 PMC3569047
69. **Bishop MD**, Mintken PE, Bialosky JE, Cleland JA. Patient Expectations of Benefit from Interventions for Neck Pain and Resulting Influence on Outcomes. *J Orthop Sports Phys Ther.* 2013 43(7):457-65. PMID:2350834
70. Horn ME, Alappattu MJ, Gay CW, **Bishop MD**. Fear of Severe Pain Mediates Sex Differences in Pain Sensitivity Responses to Thermal Stimuli. *Pain Res Treatment.* 2014, <http://dx.doi.org/10.1155/2014/897953> PMC3913346
71. Pérez HI, Perez JLA, Martínez AG, La Touche R, Lerma Lara S, Gonzalez NC Perez HA, **Bishop MD**, Fernández-Carnero J. Is one better than another? : a randomized clinical trial of manual therapy for patients with chronic neck pain. *Man Ther* 2014 Jun;19(3):215-21
72. Gay CW, **Bishop MD**. Research on placebo analgesia is relevant to clinical practice. *Chiropractic Man Ther.* 2014 22:6. PMC3917618
73. Gay CW, Horn ME, **Bishop MD**, Robinson ME, Bialosky JE. Investigating Dynamic Pain Sensitivity in the Context of the Fear Avoidance Model. *Eur J Pain.* 2014 May 30.
74. Hannibal KE, **Bishop MD**. Chronic Stress, Cortisol Dysfunction, and Pain: A Psychoneuroendocrine Rationale for Stress Management in Pain Rehabilitation. *Phys Ther.* 2014 Jul 17.

75. Valencia C, Fillingim RB, **Bishop MD**, Wu SS, Wright TW, Moser M, Farmer K, George SZ. Investigation of central pain processing in postoperative shoulder pain and disability. *Clin J Pain*. 2014 Sep;30(9):775-86. PMC3954955
76. Gay CW, Robinson ME, George SZ, Perlstein WM, **Bishop MD**. Immediate Changes After Manual Therapy in Resting-State Functional Connectivity as Measured by Functional Magnetic Resonance Imaging in Participants With Induced Low Back Pain. *J Manipulative Physiol Ther*. 2014 37(9):614-27. PMC4248017
77. Hass CJ, **Bishop MD**, Moscovich M, Stegemöller EL, Skinner J, Malaty IA, Shukla AW, McFarland N, Okun MS. Defining the Clinically Meaningful Difference in Gait Speed in Persons With Parkinson Disease. *J Neurol Phys Ther*. 2014 Sep 5
78. Alappattu MJ, George SG, Robinson ME, Fillingim R, Moawad N, Weber LeBrun E, **Bishop MD**. Painful intercourse is significantly associated with evoked pain perception and cognitive aspects of pain in women with pelvic pain. *Sex Med*. 2015 Mar; 3(1): 14–23. PMC4380910
79. Coronado RA, Bialosky JE, **Bishop MD**, Riley JL, Robinson ME, Michener LA, George SZ. The Comparative Effects of Spinal and Peripheral Thrust Manipulation and Exercise on Pain Sensitivity and the Relation to Clinical Outcome: A Mechanistic Trial Using a Shoulder Pain Model. *J Orthop Sports Phys Ther*. 2015 Mar 4:1-44
80. Gay CW, Papuga MO, **Bishop MD**, Dougherty P. The frequency and reliability of cortical activity using a novel strategy to present pressure pain stimulus over the lumbar spine. *J Neurosci Methods*. 2015 Jan 15;239:108-13
81. Horn ME, Brannan G, George SZ, Harmon J, **Bishop MD**. Clinical Outcomes, Utilization and Charges in Persons with Neck Pain Receiving Guideline Adherent Physical Therapy. *Eval Health Prof*. 2015: 1-14
82. Light KE, **Bishop MD**, Wright T. Telephone Calls Make a Difference in Home Balance Training Outcomes: A Randomized Trial. *J Geriatr Phys Ther*. 2015
83. **Bishop MD**, Torres-Cueco R, Gay CW, Lluch-Girbés E, Beneciuk JM, Bialosky JE. What effect can manual therapy have on a patient's pain experience? *Pain Management*. 2015;5(6):455-64
84. Horn ME, Brannan GP, George SZ, Harman JS, **Bishop MD**. Description of Common Clinical Presentations and Associated Short-Term Physical Therapy Clinical Outcomes and Utilization in Patients with Neck Pain. *Arch Phys Med Rehabil*. 2015 Oct;96(10):1756-62
85. Simon CB, Riley JL 3rd, Fillingim RB, **Bishop MD**, George SZ. Age Group Comparisons of TENS Response among Individuals with Chronic Axial Low Back Pain, *J Pain*. 2015 Dec;16(12):1268-79
86. Simon CB, Lentz TA, **Bishop MD**, Riley JL 3rd, Fillingim RB, George SZ. Comparative Associations of Working Memory and Pain Catastrophizing With Chronic Low Back Pain Intensity. *Phys Ther*. 2016 Jul;96(7):1049-56
87. Alappattu MJ, Neville C, Beneciuk JB, **Bishop MD**. The prevalence of urinary incontinence among patients reporting to outpatient physical therapy. *Physiother Theory Prac*. 2016 Feb;32(2):107-12.
88. Villafaña JH, Pirali C, Dughi S, Testa A, Manno S, **Bishop MD**, Negrini S. Association between malnutrition and Barthel Index in a cohort of hospitalized older adults. *J Phys Ther Sci*. 2016, 28: 607-612
89. Neville CE, Beneciuk JM, **Bishop MD**, Alappattu MJ. Analysis of Physical Therapy Intervention Outcomes for Urinary Incontinence in Women Over Age 65 in Outpatient Clinical Settings. *Topics Geriatr Rehab*. In press
90. Elliott JM, Owen M, **Bishop MD**, Sparks C, Tsao H, Walton DM, Weber II KA, Wideman T. Measuring Pain for Patients Seeking Physical Therapy: Can Functional Magnetic Resonance Imaging (fMRI) Help? *Phys Ther*. ePUB July, 2016
91. Horn ME, Brennan GP, George SZ, Harman JS, **Bishop MD**. A value proposition for early physical therapist management of neck pain: A retrospective cohort analysis. *BMC Health Serv Res*, 2016 Jul 12;16:253
92. Forster B, Dunleavy K, **Bishop MD**. "Back in action" – a streamlined patient-centered approach to teach and practice movement strategies for patients with low back pain. *Int J Student Schol Phys Ther*, 2016 2: 1-10

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94. **Bishop MD**, Coronado RA, Hill A, Alappattu MJ. Where we have been and where we are going: a content analysis of manuscripts published in the *Journal of Women's Health Physical Therapy* from 2005-2015. *J Womens Health Phys Ther*. In press
95. Alonso-Perez JL, Lopez-Lopez A, La Touche R, Lerma-Lara S, Suarez E, Rojas J, **Bishop MD**, Villafañe JH, Fernández-Carnero J. Hypoalgesic effects of three different manual therapy techniques on cervical spine and psychological interaction: Randomized clinical trial. *J Bodywork Movt Ther*. 2017 Oct;21(4):798-803
96. Bialosky JE, **Bishop MD**, Penza CW. Placebo Mechanisms of Manual Therapy: A Sheep in Wolf's Clothing? *J Orthop Sports Phys Ther*. 2017 May;47(5):301-304.
97. Negrini S, Bissolotti L, Ferraris A, Noro F, **Bishop MD**, Villafañe JH. Nintendo Wii Fit for balance rehabilitation in patients with Parkinson's disease: A comparative study. *J Bodyw Mov Ther*. 2017 Jan;21(1):117-123
98. **Bishop MD**, Bialosky JE, Penza CW, Beneciuk JM, Alappattu MJ. The influence of clinical equipoise and patient preferences on outcomes of conservative manual interventions for spinal pain: an experimental study. *J Pain Research*. 2017 10:965—972
99. Penza CW, Horn ME, George SZ, **Bishop MD**. Comparison of two lumbar manual therapies on temporal summation of pain in healthy volunteers. *J Pain*. 2017 18(11):1397-1408
100. **Bishop MD**, George SZ. Pain sensitivity and torque used during measurement predicts change in range of motion at the knee. *J Pain Research*. 2017 Nov 29;10:2711-2716
101. Bialosky JE, Beneciuk JM, **Bishop MD**, Coronado RA, Penza CW, Simon CB, George SZ. Unraveling the Mechanisms of Manual Therapy: Modeling an Approach. *J Orthop Sports Phys Ther*. 2018 Jan;48(1):8-18
102. **Bishop MD**, Bialosky J, Mintken P, Cleland J. Factors shaping expectations for complete relief from symptoms during rehabilitation for patients with spine pain. *Phys Theory Prac*. 2018 Feb 16:1-10
103. Lamvu G, Alappattu MJ, Witzeman K, **Bishop MD**, Robinson ME. Patterns in vulvodynia treatments and 6-month outcomes for women enrolled in the National Vulvodynia Registry- An exploratory prospective study. *J Sex Med*. *In press*
104. Sharififar S, Shuster JJ, **Bishop MD**. Adding electrical stimulation during standard rehabilitation after stroke to improve motor function. A systematic review and meta-analysis. *Ann Phys Rehabil Med*. 2018 Jun 26. pii: S1877-0657(18)31408-8. doi: 10.1016/j.rehab.2018.06.005.
105. George SZ, **Bishop MD**. Chronic Musculoskeletal Pain is a Nervous System Disorder... Now What? *Phys Ther*. 2018 Apr 1;98(4):209-213
106. Oztzel, Wikstrom, Tillman etc. Motor-neuron function does not change following whole-body vibration in individuals with chronic ankle instability. *J Exerc Rehab*
107. Bishop MD, Beneciuk JB, Alappattu MJ, Bialosky JE. Experience matters: Post-intervention expectations predict post-intervention hypoalgesia. *Phys Med Rehabil Res* 3: DOI: 10.15761/PMRR.1000180
108. Villifane. Duration of wrist immobilization is associated with shoulder pain in patients with after wrist immobilization: an observational study
109. Pedersini. Pressure algometry and palpation of the upper limb peripheral nervous system in subjects with hand osteoarthritis are repeatable and suggest central changes. *J Hand Ther*.

Editorials

1. Barstow IK, **Bishop MD**. Commentary on the management of low back pain. *Ortho Phys Ther Practice*. 1998, 10(1):11-13
2. Bialosky JE, **Bishop MD**, George SZ. Regional interdependence: a musculoskeletal examination model whose time has come. *J Orthop Sports Phys Ther*. 2008; 38(3):159-60
3. Bialosky JE, George SZ, **Bishop MD**. How does manual therapy work: Why ask why? 2008;38(6):293-5

4. **Bishop MD**. Welcome to the first issue. *Int J Stud Schol Phys Ther*. 2015, 1:i

Chapters and Books

1. **Bishop MD**. Low Back Pain. Evidence-based Practice for the Upper and Lower Quarter. Home Study Course 13.2.6, APTA Orthopaedic Section, 2003
2. **Bishop MD**, Kaminski, TW. A comparison of enhanced-eccentric resistance training and traditional training for increasing strength. In Gießing J, Fröhlich M, Preuss P, editors, Current Results of Strength Training Research, Cuvillier Verlag Göttingen, Germany, 2005
3. Brunt D, **Bishop MD**, Protas EJ. Gait in Parkinson's Disease: Initiation to termination. In Trail M, Protas EJ, Lai E, editors, Neurorehabilitation in Parkinson's Disease, Slack Inc. New Jersey. 2007.
4. Bishop MD. Lumbar Anatomy and Physiology. Home Study Course 18.1.1, APTA Orthopaedic Section, 2007.
5. George SZ, **Bishop MD**. Low Back Pain: Causes and Differential Diagnosis. In Magee DJ, Zachazewski JE, Quillen WS, editors, Musculoskeletal Rehabilitation Volume III: Treatment of Pathology and Injuries (1st edition). Elsevier 2009
6. Senesac CR, **Bishop MD**. Finley's interactive cadaveric dissection guide. Jones and Bartlett 2009.
7. **Bishop MD**, Lentz TA, George SZ. Low Back Pain: Causes and Differential Diagnosis. In Magee DJ, Zachazewski JE, Quillen WS (editors), Musculoskeletal Rehabilitation Volume III: Treatment of Pathology and Injuries (2nd edition). Elsevier 2015
8. **Bishop MD**, Bialosky JE, Charles W. Gay CW. Chronic Low Back Pain, in Manual Therapy for Musculoskeletal Pain Syndromes: An Evidence and Clinical-Informed Approach, Fernandez de las Penas & Cleland & Dommerholt editors, Elsevier, 2015
9. Torres-Cueco R, LLuch-Girbes E, Gimenez-Costa, **Bishop MD**. Analgesic effects of Manual Therapy. in Torres-Cueco R (ed) Essential Guide to the Cervical Spine - Volume 1: Clinical Assessment and Therapeutic Approaches, Elsevier 2015
10. George SZ, **Bishop MD**. Commentary: Distorted Gait: Biomechanical implications, historical reflections and future directions. In Main CJ, Keefe FJ, Jensen MP, Vlaeyens JWS, Vowles KE (eds) Fordyce's Behavioral methods for chronic pain and illness. IASP press, Buenos Aires, 2015
11. **Bishop MD**, Bialosky JE. Specific influences of non-specific effects. In Sluka K (ed) Mechanisms and Management of Pain for the Physical Therapist 2nd Edition. IASP Press, 2016

Scientific and Professional Presentations:

International

Symposia

1. Bishop MD. Managing expectations for exercise, in Nijs J, Smeets R, Bishop MD, Malony N. Comprehensive approach to chronic pain. World Congress of Physical Therapy, Singapore, 2015.
2. Bishop MD. Treating chronic pain by preventing it. Pre-conference course 3rd International Conference on Pain and Physiotherapy. Seville, Spain, 2014
3. Bishop MD. The behavioral manual therapist. Pre-conference course 2nd International Congress of Pain and Movement. Madrid, Spain, 2014

Invited

1. Bishop-MD. Patient expectations influence outcomes in spinal pain. 3rd III Congresso Internacional de Fisioterapia em Coluna Vertebral, Salavador, Brasil, 2017
2. Bishop-MD. Practitioner Bias in Manual Therapy. 3rd III Congresso Internacional de Fisioterapia em Coluna Vertebral, Salavador, Brasil, 2017
3. Bishop MD. Engaging the brain for better outcomes. 3rd International Conference on Pain and Physiotherapy. Seville, Spain, 2014
4. Bishop MD. Stress and pain. 2nd International Congress of Pain and Movement. Madrid, Spain, 2014
5. Bishop MD. Beyond fear: self-efficacy and expectation. 2nd International Congress on Manual Therapy. Madrid, Spain, 2013
6. Bishop MD. Fear: what to measure and how to manage it. 2nd International Congress on Manual Therapy. Madrid, Spain, 2013

7. Bishop MD. Expectations for Manual Therapy. Psychology and Pain Conference. Madrid, 2013 (by video conference)
8. Bishop MD. Supraspinal influence on outcome in manual therapy. International Congress on Manual Therapy. Madrid, Spain, April, 2011
9. Bishop MD. What are psychophysical methods telling us about manual therapy? International Congress on Manual Therapy. Madrid, Spain, April, 2011
10. Bishop MD. Manual therapy interventions for patient with neck and back pain. Universidad Nacional Autonoma Nicaragua, Managua, Nicaragua, 2007
11. Bishop MD. Management of the patient with low back pain. Universidad Nacional Autonoma Nicaragua, Managua, Nicaragua, 2006

Peer-reviewed conference presentations

1. Penza CW, Bishop MD. Comparison of two lumbar manual therapies on temporal summation of pain in healthy volunteers. Poster presentation at the 14th World Federation of Chiropractic Congress, 2017
2. Bishop MD. Predicted expectations for immediate pain relief are modifiable and somatospecific. World Congress of Physical Therapy, 2017
3. Forster, B., Dunleavy, K., & Bishop, M. "Back in Action"—a streamlined patient-centered approach to teach and practice movement strategies for patients with low back pain, World Congress of Physical Therapy, 2017
4. Solis FM, George SZ, Gay CW, Bishop MD. Protective Effect of Physical Activity on Pain Sensitivity after Exercise-induced Low Back Pain. International Association for the Study of Pain, 2016
5. Bishop MD, Gay CW, Alappattu MJ, Bialosky JE. Preference, equipoise and expectations in conservative management of pain. International Association for the Study of Pain, 2016
6. Gay CW, Alappattu MJ, Solis FM, Bishop MD. Pressure hyperalgesia persists after pain resolution in healthy adults following an acute experimentally induced episode of low back pain.
7. Neville C, Alappattu MJ, Beneciuk J, Bishop MB. Outcomes of Classification-Based Outpatient Physiotherapy Treatment for Female Urinary Incontinence in Women 65 and Older. International Continence Society, 2015
8. Nijs J, Moloney N, Bishop MD, Smeets R. Exercise therapy for chronic pain: retraining mind & brain. World Congress of Physical Therapy, 2015
9. Neville C, Alappattu M, Beneciuk J, Bishop MD. Outcomes of physical therapy treatment for urinary incontinence in the real world - bridging clinical practice and research. World Congress of Physical Therapy, Singapore, 2015
10. Hannibal K, Bishop MD. Chronic stress, cortisol dysfunction, and pain: a psychoneuroendocrine rationale for stress management in pain rehabilitation. World Congress of Physical Therapy, Singapore, 2015
11. Hannibal K, Bishop MD. The impact of chronic stress on acute musculoskeletal low back pain and outcomes following manual therapy interventions. World Congress of Physical Therapy, Singapore, 2015
12. Gay CW, Bishop MD. Exploring experience dependent changes in pain sensitivity using an exercise-induced injury as a model of acute low back pain. World Federation of Chiropractic, Greece 2015
13. C Gay, J Letzen, J Craggs, M Robinson, M Bishop Longitudinal assessment of connectivity across resting-state networks in a model of acute low back pain. World Congress of Pain, Buenos Aires, 2014
14. Bishop MD, Bialosky JE, Mintken P, Cleland JA. Predicting expectations of recovery from conservative care in patients with spinal pain. World Congress of Pain, Buenos Aires, 2014
15. Coronado RA, George SZ, Horn M, Bishop MD, Bialosky JE. Preliminary cluster analysis of experimental pain responses in patients with low back and neck pain. World Congress on Pain, Milan, Italy, 2012.
16. Anderson, RJ, Craggs, JG., Bialosky, JE., Bishop, MD., George, SZ., Staud, R, Robinson, ME. Variability in response to a temporal summation of second pain protocol: Not everyone winds up. World Congress on Pain, Milan, Italy, August 2012.
17. Bishop MD, Beneciuk J, George SZ. No association between cavitation and pain sensitivity during thrust manipulation. World Congress of Physical Therapy, Amsterdam, Holland, 2011

18. Villafaña JH, Silva GB, Bishop MD and Fernandez-Carnero J. Radial nerve mobilization decreases pain sensitivity and improves motor performance in patients with thumb carpometacarpal osteoarthritis: a randomized, controlled trial. 49th Congresso Nazionale della Società Italiana di Chirurgia della Mano. Torino. Italy. 2011
19. Alappattu MJ, Bishop MD, Bialosky JE, George SZ, Robinson ME. The immediate and long-term stability of temporal sensory summation of pain and after sensations in pain-free subjects and in subjects with exercise- induced muscle pain, World Congress of Pain, Montreal, 2010
20. Hass CJ, Wikstrom E, Fournier K, Inamdar A, Bishop MD. Locomotor initiation: Influence of functional ankle instability. North American Congress on Biomechanics, Michigan, 2008
21. Fiolkowski, P, Bishop M, Brunt DS, Woo R, Horodyski MB. Plantar Leg Stiffness Modulation by Plantar Sensation. Biomechanics of the Lower Limb in Health, Disease and Rehabilitation. Salford, England September, 2003
22. Fiolkowski, P, Bishop M, Brunt DS, Woo R, Horodyski MB. Intrinsic Pedal Musculature Support of The Medial Longitudinal Arch: An Electromyography Study. Biomechanics of the Lower Limb in Health, Disease and Rehabilitation. Salford, England September, 2003
23. Bishop MD, Brunt D, Pathare N, Ko MS, Marjama-Lyons J, C Kukulka Effects of age, accuracy and Parkinsons disease on the ability to stop suddenly. WCPT, Barcelona 2003.
24. Pathare N, Brunt D, Bishop MD, Ko MS, Marjama-Lyons J, Smith L. Analysis of sit to stand task in persons with Parkinson's disease. WCPT, Barcelona 2003

*National
Symposia*

1. Bishop MD. Experimental models of pain in rehabilitation research. APTA Section on Research Pain Retreat, 2015

Invited

1. Bishop MD. Variation in pain sensitivity during acute pain. National Institutes of Health, 6th Annual Symposium on Advances in Pain Research, April, 2011
2. Bishop MD. Sit to Stand. 28th Annual Conference in Movement Sciences: Transitions in Gait & Posture: Underlying Mechanisms and Rehabilitative Strategies. April 22-23, 2005, Columbia University, New York, New York.

Peer-reviewed conference presentations

1. Penza CW, Boissoneault J, Robinson ME, Bishop MD. "Comparison of brain structure between pain-susceptible and pain-resilient individuals following a standardized delayed onset muscle soreness protocol" Poster Presentation at the American Pain Society 36th Annual Scientific Meeting, May 13-16th, 2017
2. F Solis, C Gay, S George, and M Bishop Association between pain-related distress and physical activity in healthy participants. APS 2017
3. F Solis and M Bishop Changes in physical activity and its association with pain related negative affect and pain sensitivity before and after exercise-induced low back pain. APS 2016
4. F Solis, M Bishop, J Bialosky. Role of expectations in clinical outcomes in participants with neck pain. American Pain Society, 2015
5. Solis, F., and M. Bishop. Changes in physical activity and its association with pain-related negative affect and pain sensitivity before and after exercise-induced low back pain. American Pain Society, 2015.
6. Hannibal KE, Bishop MD. Chronic stress, prior to pain onset and persistent centrally mediated pain sensitivity following acute musculoskeletal pain. American Pain Society, 2015
7. Hannibal KE, Bishop MD. An fMRI analysis of cortisol and central sensitization: preliminary evidence for cortisol induced neuroplastic alterations that may contribute to the transition from acute to chronic pain. American Pain Society, 2015
8. Hannibal KE, Bishop MD. Chronic stress and cortical responsiveness to suprathreshold heat stimuli: an fMRI study of pain-free volunteers. American Pain Society, 2015

9. Gay CW, Craggs JG, Robinson ME, Bishop MD. Changes in Resting-State Functional Connectivity that are related Increased Pain Sensitivity in a Model of Acute Low Back Pain. Annual Scientific Meeting of the American Pain Society, May 2014
10. Gay CW, Bishop MD. Functional Connectivity Changes Following Manipulative And Body Based Interventions: A Preliminary Report. Association of Chiropractic Colleges Educational Conference XXI, March 2014.
11. Alappattu MJ, George SZ, Robinson ME, Fillingim RB, Bishop MD. Lack of viscerosomatic convergence in chronic pelvic pain in women. American Pain Society Annual Meeting 2014.
12. Dominguez J, Tillman S, Conrad B, Moser M, Bishop MD, Chmielewski TL. Effects of Plyometric Training Intensity on Symmetry of Landing Mechanics during a Drop Vertical Jump Following ACL Reconstruction. Combined Sections Meeting, 2014
13. Alappattu MJ, Neville C, Beneciuk JE, Bishop MD. Urinary incontinence screening in outpatient physical therapy. Combined Sections Meeting, 2014
14. Gay CW, O'Shea A, Craggs JG, Bishop MD. Gray Matter Volume in the Primary Somatosensory Cortex Explains Individual Differences in the Intensity of Delayed Onset Muscle Soreness. American Pain Society, 2013
15. Coronado RA, Simon CB, Mackie LN, Bialosky JE, Bishop MD, George SZ. Immediate pressure and thermal pain response is associated with change in clinical outcome following manual therapy for shoulder pain. AAOMPT, 2013
16. Coronado RA, Simon CB, Bialosky JE, Bishop MD, George SZ. Does Treatment Location Matter: Immediate Effects on Pain Processing in Patients with Unilateral Shoulder Pain. Neuromuscular Plasticity Symposium, 2013
17. J. Beneciuk, M. Bishop, J. Fritz, M. Robinson, N. Asal, A. Nisenzon, S. George. The STarT Back Screening Tool and Individual Psychological Measures: Prognostic Indicator of Treatment Monitoring for Low Back Pain Clinical Outcomes. Combined Sections Meeting, 2013
18. Otzel D, Hass CJ, Wikstrom EA, Bishop MD, Borsa PA, Tillman MA. Neuromotor and functional measures following whole-body vibration in individuals with chronic ankle instability. ACSM 2013.
19. Hovis P, Zukowski LA, Roper JA, Otzel D, Shechtman O, Bishop MD, Tillman MD. Pain During Ergonomic Hand Drive Wheelchair Propulsion. American Society of Biomechanics, 2012
20. Valencia C, Fillingim RB, Bishop MD, Wu S, George SZ. Investigation of central pain processing in post-operative shoulder pain. American Pain Society, May 2012 (S3)
21. Gay CW, Horn ME, Bishop MD, Robinson ME, Bialosky JB. The role pain sensitivity and fear play in the relationship between low back pain intensity and disability. American Pain Society, May 2012 (S19)
22. Alappattu MJ, Bishop MD. Pain and psychosocial outcomes of conservative treatment for a female with chronic pelvic pain. American Pain Society, May 2012 (S95)
23. Horn ME, Gay CW, George SZ, Bishop MD. Comparison of hypoalgesic responses to manual therapy interventions in healthy volunteers. Combined Sections Meeting, 2012
24. Alappattu MJ, Bishop MD. The Fear Avoidance Model of Pain: A Theoretical Application to Chronic Pelvic Pain. Combined Sections Meeting. 2011
25. Bishop MD, Romero S. Interaction of expectation and motor performance in older adults with gait and balance disorders. Combined Sections Meeting. 2011
26. Horn ME, Bishop MD. Recall of worst pain over one week. Combined Sections Meeting. 2011
27. Horn ME, Bishop MD. Depression and falls in older adults. Combined Sections Meeting. 2011
28. Hass CJ, Dalton E, Bishop MD, Tillman MD. Manipulating Swing Limb Position Enhances Gait Initiation Performance. ACSM 2010
29. Lentz TA, Greenberg S, Sutton Z, Bishop MD. Pain-related fear of movement contributes to self-reported disability in patients with foot and ankle pathology. CSM 2010
30. Beneciuk JM, Bishop MD, George SZ. Immediate effects of thoracic spine manipulation on thermal pain sensitivity. CSM 2010
31. Horn ME, George SZ, Bishop MD. Peripheral and central sensitization in induced low back pain. CSM 2010
32. Bishop MD, Horn ME, Lott DJ. Association among measures of pain experience and muscle damage in acute onset Low Back Pain. CSM 2010

33. Horn ME, Bishop MD. Decreased flexion relaxation ration not associated with acute onset low back pain, CSM 2009
34. Bialosky JE, Bishop M, Robinson ME, Price DD, George SZ, Assessment of a novel placebo for the study of neurodynamic treatment in individuals with carpal tunnel syndrome. CSM 2009
35. Beneciuk JM, Bishop MD, George SZ. Immediate Effects of Upper-Thoracic Manual Therapy Intervention on Sensation Perception: a Preliminary Analysis. UFPT Neuromuscular Plasticity Symposium, 2008
36. Horn ME, Bishop MD. Acute Exercise Induced Pain Increases the Rate of Temporal Summation. UFPT Neuromuscular Plasticity Symposium, 2008
37. Waddell L, Riesterer K, VanEtten L, Bishop M, Thigpen M, Creel G. Depression and cardiovascular in community-dwelling adults. Combined Sections Meeting, 2008
38. Jones S, McIntosh J, Baker K, Bishop M, Thigpen M, Creel GL. Promoting public health awareness among health professional students through an interdisciplinary family health course. Combined Sections Meeting 2008.
39. Bishop MD, George SZ. Interaction between kinesiophobia and pain amplification in acute back pain. Combined Sections Meeting 2008
40. Bishop MD, Horn ME. Descriptive results from development of a model of endogenous low back pain. Combined Sections Meeting 2008
41. Bishop MD, Driggers A, Riveros C, Horn ME. Fear predicts peak pain in acute onset muscular low back pain. Combined Sections Meeting 2008
42. Bialowsky JE, George SZ, Barabas JA, Bishop MD, Robinson ME. The effect of subject expectation on spinal manipulation induced hypoalgesia. Combined Sections Meeting 2008
43. Bialowsky JE, George SZ, Bishop MD, Zeppieri G, Robinson ME. Immediate effects of spinal manipulative therapy in subjects with low back pain: a pilot study. Combined Sections Meeting 2008
44. Lentz TA, Barabas J, Day T, Bishop MD, George SZ. The relationship of physical impairment, pain and kinesiophobia to disability in patients with shoulder pathology. Combined Sections Meeting 2008
45. Chmielewski TL, Rivett JA, Bishop MD, Tillman SM. Gender differences in frontal plane angle during a lateral stepdown are not related to hip muscle strength. Combined Sections Meeting 2007
46. Bishop MD, George SZ, McNally A. Improvement in range of motion after a stretching program: changes in tissue properties? Combined Sections Meeting 2007
47. Lentz T, Huegel M, Bishop MD. Determining the most likely source of symptoms in a patient with unilateral upper extremity parasthesia. Combined Sections Meeting 2007
48. Bishop MD, George SZ, McNally A, Robinson ME. Effect of Neurodynamic intervention on pain perception. AAOMPT National Conference, 2006
49. Bialosky JE, George SZ, Bishop, MD. Manual therapy induced analgesia: a comparison of health subjects and those with low back pain, AAOMPT National Conference, 2006
50. Chmielewski T, Tillman S, Cullaty M, Rivett J, Conrad B, Bishop MD. The relationship among hip and trunk muscle performance and hip kinematics during lower extremity functional tasks. APTA Combined Sections Meeting 2006
51. George SZ, Bishop MD, Hurlbert M, Shumrak G, Villa J, Zeppieri G. Immediate effects of spinal manipulation on temporal summation of pain. APTA Combined Sections Meeting 2006
52. Bishop MD, Bautista M, Light KE, Meuleman J. Pain, Depression, and Balance Confidence in Frail Older Men. Gerontological Society of America National Meeting, Orlando, 2005
53. Romero S, Light KE, Bishop MD, Meuleman J. Home Exercises are an Effective Intervention for Improving Balance and Mobility Impairment. Gerontological Society of America National Meeting, Orlando, 2005
54. Chmielewski TL, Horodyski MB, Hodges MJ, Conrad BP, Bishop MD. Does the assessment of core strength identify frontal plane knee angle deviations? ACSM, 2004
55. Li S, Woo R, Horodyski MB, Bishop M, Senesac C, Brunt D. The Effect of Botulinum Toxin Type A Combined with Physical Therapy on Gait in Children with Idiopathic Toe Walking, Combined Sections Meeting, APTA, 2004
56. Light KE, Bishop M, Kornetti D, Prieto-Lewis N. Can telephone calls make a difference in outcomes for elders? Combined Sections Meeting, APTA, 2004

57. Chmielewski TL, Soh C, Hodges MJ, Horodyski MB, Bishop MD. Preliminary inter- and intra-rater reliability results for clinical tests to assess core strength. Combined Sections Meeting, APTA, 2004
58. MS Ko, D Brunt, M Bishop, N Pathare, B Choi, J Marjama-Lyons. Determinants of toe-clearance during obstacle crossing in persons with Parkinsons disease. The Annual Conference and Exposition of the American Physical Therapy Association, June 2003
59. N Pathare, D Brunt, MD Bishop, MS Ko, BS Choi, JM Lyons, Effect of velocity on force modulation in persons with Parkinson's disease during gait initiation. The Annual Conference and Exposition of the American Physical Therapy Association, June 2003
60. N Pathare, D Brunt, MD Bishop, C Kukulka. Role of quadriceps muscle in anticipatory postural adjustments during gait initiation. Society of Neuroscience, November 2002
61. MD Bishop, D Brunt, N Pathare, Bina Patel. Force modulation during gait termination: evidence for an inter-limb interaction. Gait and Clinical Movement Analysis Society, April 2002
62. N Pathare, D Brunt , J Marjama - Lyons, MD Bishop, M Ko, T Toole, L Smith. Differentiating characteristics of gait initiation in patients with Parkinson's Disease. Gait and Clinical Movement Analysis Society, April 2002
63. T Toole, D Brunt, E Holton, J Marjama-Lyons, M Bishop, N Pathare, M Ko, G Maitland. The Immediate Effects of Loading on Gait in Parkinsonism. Gait and Clinical Movement Analysis Society, April 2002
64. Fiolkowski P, Bishop MD, Brunt DS, Woo R, Horodyski MB. The Medial Longitudinal Arch Is Supported By The Intrinsic Plantar Musculature. NATA, Los Angeles, June 2001
65. Fiolkowski P, Bishop MD, Brunt DS, Woo R, Horodyski MB. The Effects Of Athletic Footwear on Leg Stiffness And Running Kinematics. NATA, Los Angeles, June 2001
66. Light KE Prieto-Lewis N, Berg SC, Tyson KE, Bishop MD. Correlation of lower extremity strength to functional balance and movement. APTA Combined Sections Meeting, APTA, Feb 2001
67. Barstow IK, Kaminski TW, Bishop MD. The effect of enhance-eccentric resistance training on forearm flexor strength: a randomized controlled trial. ACSM 1998
68. Bishop MD, Kaminski TW, Bauer JA, Trimble MH. Changes in myoelectric activity of the human biceps brachii and brachialis muscles under differing eccentric loads. ACSM 1998

Grant Activity:

<p><i>NIH/NIAMS (R01AR055899-07)</i> Mark Bishop – PI UF site Biopsychosocial Influence on Shoulder Pain</p>	<p>09/16 – 08/21</p>
<p><i>NIH/NCCIH (R01AT006334-S21)</i> Mark Bishop - PI Central Mechanisms of Body Based Intervention for Musculoskeletal Low Back Pain: Feasibility of assessment in Veterans with back pain.</p>	<p>04/11 – 03/17</p>
<p><i>NIH/NCCIH (R01AT006334-01)</i> Mark Bishop - PI Central Mechanisms of Body Based Intervention for Musculoskeletal Low Back Pain</p>	<p>04/11 – 03/17</p>
<p><i>NIH/NCCAM (F32 AT007729)</i> Mark Bishop (PI), Charles Gay – postdoctoral fellow Central mechanisms of manipulative and body based interventions: training program for a chiropractic physician.</p>	<p>09/14 – 09/16</p>
<p><i>US Department of Veterans Affairs (F021)</i> Mark Bishop – PI, Virginia Little – postdoctoral fellow Intergovernmental personal act</p>	<p>09/13 – 09/15</p>
<p><i>Orthopaedic Section, American Physical Therapy Association</i></p>	<p>05/12 – 04/14</p>

Roy A Coronado – PI, Mark Bishop – Investigator (5%)
The Effects of Cervical and Shoulder Manipulative Therapy on Patterns of Central and Peripheral Sensitization

NIH/NIAMS (K01AR054331-01A2) 09/08 – 08/13
Mark Bishop – PI
Neurobiological Mechanisms of Body Based Intervention for Musculoskeletal Pain

Brooks Rehabilitation and Ida Mae Foundation, Jacksonville 10/08 – 12/10
Mark Bishop – PI
Psychosocial influence on falls in older adults with pain.

NIH/NCCAM R21 (AT002796-01) 07/06 – 06/08
Steven Z George – PI, Mark Bishop – Investigator (20%)
Mechanisms of Neural Mobilization of Chronic Pain

University of Florida Opportunity Fund 07/06 – 06/07
Mark Bishop – PI
Development of an experimental model of low back pain.

Florida Biomedical Research Program 12/04 – 06/07
Mark Bishop – PI
“The link between smoking and recovery from frailty in older Floridians.”

University of Florida Faculty Development: Academic Technology 2003
Mark Bishop – PI
“Interactive Clinical Cases.”

University of Florida Opportunity Fund 07/03 – 06/04
Terese Chmielewski – PI, Mark Bishop – Co-investigator
“Gender differences in strength.”

Florida Consortium of Clinical Educators 08/03 – 07/04
Gwen Creel – PI, Mark Bishop – investigator
“Hit the ground running: Do one day guided clinical visits improve student confidence?”

Honors and Awards:

Professional

- 2018 State Legislative Leadership Award, American Physical Therapy Association
- 2018 Catherine Worthingham Fellow, American Physical Therapy Association
- 2006 Margaret L. Moore Award for Outstanding Junior Faculty, American Physical Therapy Association
- 2001 College of Health Professions Leadership Award, Univ. of Florida

Teaching

- 2015 Excellence in Academic Teaching, Florida Physical Therapy Association
- 2013 James A Gould Excellence in Teaching, Orthopaedic Section, APTA
- 2005 Excellence in Teaching Award, Physical Therapy Class of 2005, Univ. of Florida
- 2003 Teaching Excellence Award, College of Health Professions, Univ. of Florida
- 1997 Clinical Instructor of the Year, Department of Physical Therapy, Univ. of Florida

Research

- 2017 Scholarly Impact on Practice, Florida Physical Therapy Association
- 2017 Term Professor, Univ. of Florida
- 2015 Outstanding UFRSD graduate student publication: Simon CB, et al J Pain. 2015 16(12):1268-79

- 2014 Best scientific presentation, American College of Chiropractic-Research Agenda Conference, Gay CW and Bishop MD.
- 2014 Excellence in Research Award, Journal of Orthopedic and Sports Physical Therapy.
- 2013 Best platform presentation, American Academy of Orthopaedic Physical Therapists Annual Meeting
- 2012 Plenary Paper, Neuroscience Letters
- 2011 UF Excellence Award for Assistant Professors
- 2011 Most Influential Paper 2010, Journal of Manual and Manipulative Therapy
- 2009 Excellence in Research Award, Journal of Orthopedic and Sports Physical Therapy.
- 2008 Recognition of Excellence for Research (Neurology). Annual Conference & Exposition of the American Physical Therapy Association,
- 2003 Finalist, Best Scientific Abstract, North America and Caribbean Region, World Congress of Physical Therapy, Barcelona, Spain

Academic Awards and Honors

- 2002 Phi Kappa Phi Honor Society, Univ. of Florida
- 2002 Graduate Student Travel Award, Gait and Clinical Motion Analysis Society
- 2000 Fredrick's Family Scholarship (graduate level), Department of Physical Therapy, Univ. of Florida
- 1999 International Student Academic Achievement Awards, Univ. of Florida
- 1997 International Student Academic Achievement Awards, Univ. of Florida
- 1996 International Student Academic Achievement Awards, Univ. of Florida

Membership in Scientific/Professional Organizations:

- 1989 to 1991 Australian Physiotherapy Association
- 1996 to 2007 National Strength and Conditioning Association
- 1997 to present American Physical Therapy Association
- 1997 to present Florida Physical Therapy Association
- 2002 to 2014 American Academy of Orthopedic Manual Therapy
- 2006 to present Health Volunteers Overseas
- 2014 to present International Association for the Study of Pain

Professional Service:

American Physical Therapy Association

- Florida Physical Therapy Association
 - Legislative consultant, 2017 to present
 - Political Action Committee, Co-Chair 2017 to present
 - Northern District Director, Board of Directors, 2017 to present
 - Nominating committee, 2014 to 2016, Chair 2015 to 2016
 - Taskforce on Continuing Competence, 2013 to 2015
 - Oxford Debate, FPTA Annual Conference, 2013
 - CEO Search Committee, 2011
 - Residency SIG, Chair, 2010 to 2011
 - Florida Delegate, APTA House of Delegates, 2010, 2012, 2013, 2015, 2016, 2017
 - Research Committee member, 2008 to 2010, 2014 to present
 - Assembly Representative, Northern District, 2002 to 2017
- Research Section
 - Awards committee member, 2011 – 2013
- Section on Women's Health
 - Pelvic Pain Clinical Practice Guideline Workgroup, 2016 to present

American Academy of Orthopaedic Manual Physical Therapists

- Research Committee, 2008 to 2010

Health Volunteers Overseas

- Physical Therapy Steering Committee, 2009 to 2013; 2016 to present

Other

- 1996 Physical Therapist, Paralympics, Atlanta, GA, USA
- 1996 Medical Crew, Great Florida Triathlon, Clermont, Florida
- 1992 Medical Crew, Calgary Stampede Marathon, Calgary, Canada
- 1992 Macs International Midget Hockey Tournament, Calgary, Canada
- 1989 Australian U16 Basketball Championships, Mackay, QLD, Australia

Scientific Service:

International

International Federation of Orthopaedic Manual Physical Therapists

- Abstract reviewer 2014, 2016

World Congress on Physical Therapy

- Abstract reviewer, 2006, 2010, 2014, 2016

Swiss Research Foundation

- Grant reviewer (ad hoc), 2015, 2017

Flemish Research Foundation

- Grant reviewer (ad hoc), 2014, 2015, 2016
- Med8 Panel, 2017 to present

Arthritis UK

- Grant reviewer (ad hoc), 2014

National

National Institutes of Health

- ZAT1 PK (26), NCCAM 2013
- ZAT1 SM (41), NCCIH 2016
- MOSS (V15), NCCIH 2017

Veteran's Affairs

- Small Projects in Rehabilitation (SPiRE), 2015, 2016, 2017
- RRD2 Career Development Award Panel, 2017

Department of Defense

- Peer Reviewed Medical Research Program, 2016, 2017

Orthopedic Section, American Physical Therapy Association

- Grants review panel, 2011 to 2013
- Abstract reviewer, 2004 to present

Journal of the Section on Women's Health Physical Therapy

- Statistical Consultant, 2016 to present

American Academy of Orthopaedic Physical Therapists

- Abstract mentor program, 2015 to present
- Grant review panel, 2008 to present
- Abstract reviewer, 2006 to present

Regional

Florida Physical Therapy Association

- Grant reviewer, 2005 to 2006, 2014 to present
- Scientific Abstract reviews, 2005 to present

Local

Grant reviews for UF Opportunity Fund

Community Service:

2010 – present Boy Scouts of America
2009 – present PT Volunteer, Equal Access Physical Therapy Clinic

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

a. Departmental Service

2016 – present DPT leadership committee, member
2016 – present Search Committee, Brooks-PHHP Research Collaboration, Chair
2016 – 2017 Search Committee, Assistant DCE, Dept of Physical Therapy
2015 – 2016 Search Committee, Director of Imaging, Dept of Clinical and Health Psychology
2014 – present Curriculum Committee
2013 – 2015 Interim Director, Post-professional residency programs
2013 – 2015 DPT Expansion Taskforce, member
2012 – 2013 Research Space Review Committee, member
2012 – 2015 Rehabilitation Science Steering Committee, member
2012 Ad Hoc Clinical Internship Length Committee, member
2011 – 2012 Comprehensive DPT Exam Committee, member
2011 Search Committee, Director of Residency Education, Chair
2010 – 2013 Clinical Excellence Taskforce, member
2010 – 2013 Physical Therapy Education Clinic Workgroup, Chair
2009 – 2010 Sports Residency Accreditation Taskforce, Chair
2008 – 2014 Residency and Fellowship Committee, member
2008 – 2011 Joint degree program task force, Chair
2007 Search Committee, Assistant/Associate Professor, Chair
2006 Search Committee, Clinical Assistant/Associate Professor, member
2005 – 2015 Faculty Liaison to Student Physical Therapy Association
2005 – 2007 Admissions Committee, Chair
2003 – present DPT Curriculum Committee, member
2003 – 2008 Coordinator of Residency Programs
2003 – 2015 Admissions Committee, member

b. College Service

2013 – 2015 Blended Learning Committee, member
2012 – 2013 Global Health Workgroup, member
2008 – 2011 Collaboration Committee, member
2008 – 2010 Teaching Excellence Committee, Chair
2008 – 2009 IT Advisory Committee, member
2008 PHHP Collaboration Task Force

2005 Graduate Research Review Committee, member
2003 – 2004 Teaching Excellence Committee, member

c. University Service

2011 – present Institutional Review Board (IRB-02 non-medical), member
2009 – 2010 Committee on committees, Faculty senate committee, Chair
2009 – 2010 Faculty Senate, Liaison
2009 – 2010 President's Office/Faculty Senate Steering Committee
2008 – 2014 Health Science Center Student Conduct Committee, member
2007 – 2011 Biomechanics consultant, IRB-02
2007 – 2009, 2011 Committee on committees, Faculty senate committee, member