

CURRICULUM VITAE

Mark Bishop
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Education

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|--------------|--------------------------------------------------|-----------------------------|
| 1986 to 1989 | University of Queensland, Brisbane, Australia, | Bachelor of Physiotherapy |
| 1995 to 1998 | University of Florida, Gainesville, Florida, USA | Master of Health Science |
| 1999 to 2002 | University of Florida, Gainesville, Florida, USA | PhD, Rehabilitation Science |

Positions Held

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|----------------|---------------------------------------------------------------------------------------|
| 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, Cross Country Healthcare (Travel Division), Florida |
| 1994 – 1996 | Physical Therapist, The Achievement Center, Gainesville, Florida |
| 1996 – 1999 | Physical Therapist, ReQuest Physical Therapy, Gainesville, Florida |
| 1999 – 2002 | Teaching Assistant, Univ. of Florida, Gainesville, Florida |
| 2002 – 2005 | Lecturer, Dept of Physical Therapy, Univ. of Florida, Gainesville, Florida |
| 2005 – present | Assistant Professor, Dept of Physical Therapy, Univ. of Florida, Gainesville, Florida |

Publications

1. 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.
2. 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.
3. Fiolkowski P, Brunt D, Bishop MD, Woo R. Does postural instability affect the initiation of human gait? *Neurosci Lett.* 2002, 323: 167-170.
4. Bishop MD, Brunt D, Pathare N, Patel B. Limb interaction during gait termination in humans, *Neurosci Lett* 2002, 323 (1):1-4.
5. 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
6. 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.
7. 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
8. 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)
9. 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
10. 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
11. 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

12. Fiolkowski P, Bishop MD, Brunt D, Williams DB. Plantar feedback contributes to the regulation of leg stiffness. *Clin Biom*, 2005, 20 (9):952-958
13. Bishop MD, Brunt D, Marjama-Lyons J. Do people with Parkinsons disease change strategy during unplanned gait termination? *Neurosci Lett*, 2006, 397:240-244
14. 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
15. 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
16. 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
17. 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
18. 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
19. 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
20. Lentz T, Huegel M, Bishop MD. Determining the most likely source of symptoms in a patient with unilateral upper extremity parasthesia. *Ortho Phys Ther Practice*. 2007; 20(3): 24-26
21. 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
22. Jayaraman J, Shah PK, Gregory CM, Stevens JE, Bowden M, Bishop MD, Walter GA, Behrman AL, Vandenborne K. Muscle Adaptations and Locomotor Training after Incomplete Spinal Cord Injury: A Case Series. *J Spinal Cord Med*. 2008, 31 (2) 185-193
23. 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
24. Bialosky, Bishop, Robinson, Price, George. 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
25. 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
26. Beneciuk JM, Bishop MD, George SZ. Clinical Prediction Rules for Physical Therapy Interventions: A Systematic Review. *PTJ*. 2009 Feb;89(2):114-24
27. 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
28. 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.
29. 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
30. 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

31. 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-
32. 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
33. 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
34. 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
35. 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
36. Robinson ME, Bialosky JE, Bishop MD, George SZ. Supra-threshold Scaling, Temporal Summation, and After-sensation. *J Pain Res.* 2010. 3: 25 - 32
37. 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
38. 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
39. 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
40. 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.* 2010 19(1):1
41. Bialosky JE, Bishop MD, Robinson ME, George SZ. Placebo Response to Manual Therapy: Something out of nothing? *J Man Manip Ther.* 2010 19(1): 1
42. 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.* BMC Musculoskeletal Disorders 2011, 12:35.
43. 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
44. 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
45. 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
46. Bishop MD, Beneciuk J, George SZ. Reduction in temporal sensory summation after spinal manipulation. *Spine J.* 2011 May;11(5):440-6. PMC3092807
47. 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
48. Alappattu MJ, Bishop MD. Application of the fear avoidance model to chronic pelvic pain. *Phys Ther.* In press
49. 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.* In press
50. Dalton E, Bishop MD, Tillman MD, Hass CJ. Simple change in initial standing position enhances the initiation of gait. *Med Sci Sport Exer.* In press.
51. 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.* In press

Invited Papers, Reviews, Editorials

1. Barstow IK, Bishop MD. Commentary on the management of low back pain. *Ortho Phys Ther Practice*. 1998, 10(1):11-13
2. 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
3. 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
4. Bishop MD and N Pathare. Considerations for the use of surface electromyography. *J Korean Acad Univ Trained Phys Ther*. 2004, 11(4): 61-70
5. 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 Letter to the editor
6. Bialosky JE, George SZ, Bishop MD. Guest editorial: How does manual therapy work: Why ask why? 2008;38(6):293-5

Scientific and Professional Presentations

Invited International

1. Bishop MD. Supraspinal influence on outcome in manual therapy. International Congress on Manual Therapy and Motor Control. Madrid, Spain, April, 2011
2. Bishop MD. What are psychophysical methods telling us about manual therapy? International Congress on Manual Therapy and Motor Control. Madrid, Spain, April, 2011
3. Bishop MD. Manual therapy interventions for patient with neck and back pain. Universidad Nacional Autonoma Nicaragua, Managua, Nicaragua, 2007
4. Bishop MD. Management of the patient with low back pain. Universidad Nacional Autonoma Nicaragua, Managua, Nicaragua, 2006

International

1. 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
2. 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
3. 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.
4. 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
5. Hass CJ, Wikstrom E, Fournier K, Inamdar A, Bishop MD. Locomotor initiation: Influence of functional ankle instability. North American Congress on Biomechanics, Michigan, 2008
6. 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
7. Bishop MD, Beneciuk J, George SZ. No association between cavitation and pain sensitivity during thrust manipulation. World Congress of Physical Therapy, Amsterdam, Holland, 2011

Invited National

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.

National

1. Alappattu MJ, Bishop MD. The Fear Avoidance Model of Pain: A Theoretical Application to Chronic Pelvic Pain. Combined Sections Meeting. New Orleans, LA. 2011
2. Bishop MD, Romero S. Interaction of expectation and motor performance in older adults with gait and balance disorders. Combined Sections Meeting. New Orleans, LA. 2011
3. Horn ME, Bishop MD. Recall of worst pain over one week. Combined Sections Meeting. New Orleans, LA. 2011
4. Horn ME, Bishop MD. Depression and falls in older adults. Combined Sections Meeting. New Orleans, LA. 2011
5. Hass CJ, Dalton E, Bishop MD, Tillman MD. Manipulating Swing Limb Position Enhances Gait Initiation Performance. ACSM 2010
6. 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
7. Beneciuk JM, Bishop MD, George SZ. Immediate effects of thoracic spine manipulation on thermal pain sensitivity. CSM 2010
8. Horn ME, George SZ, Bishop MD. Peripheral and central sensitization in induced low back pain. CSM 2010
9. Bishop MD, Horn ME, Lott DJ. Association among measures of pain experience and muscle damage in acute onset Low Back Pain. CSM 2010
10. Horn ME, Bishop MD. Decreased flexion relaxation ration not associated with acute onset low back pain, CSM 2009
11. 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
12. 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
13. Horn ME, Bishop MD. Acute Exercise Induced Pain Increases the Rate of Temporal Summation. UFPT Neuromuscular Plasticity Symposium, 2008
14. Waddell L, Riesterer K, VanEtten L, Bishop M, Thigpen M, Creel G. Depression and cardiovascular in community-dwelling adults. Combined Sections Meeting, 2008
15. 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.
16. Bishop MD, George SZ. Interaction between kinesiophobia and pain amplification in acute back pain. Combined Sections Meeting 2008
17. Bishop MD, Horn ME. Descriptive results from development of a model of endogenous low back pain. Combined Sections Meeting 2008
18. Bishop MD, Driggers A, Riveros C, Horn ME. Fear predicts peak pain in acute onset muscular low back pain. Combined Sections Meeting 2008
19. Bialowsky JE, George SZ, Barabas JA, Bishop MD, Robinson ME. The effect of subject expectation on spinal manipulation induced hypoalgesia. Combined Sections Meeting 2008
20. 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
21. 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

22. 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
23. Bishop MD, George SZ, McNally A. Improvement in range of motion after a stretching program: changes in tissue properties? Combined Sections Meeting 2007
24. Lentz T, Huegel M, Bishop MD. Determining the most likely source of symptoms in a patient with unilateral upper extremity paresthesia. Combined Sections Meeting 2007
25. Bishop MD, George SZ, McNally A, Robinson ME. Effect of Neurodynamic intervention on pain perception. AAOMPT National Conference, 2006
26. 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
27. 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
28. 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
29. 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
30. 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
31. Chmielewski TL, Horodyski MB, Hodges MJ, Conrad BP, Bishop MD. Does the assessment of core strength identify frontal plane knee angle deviations? ACSM, 2004
32. 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
33. Light KE, Bishop M, Kornetti D, Prieto-Lewis N. Can telephone calls make a difference in outcomes for elders? Combined Sections Meeting, APTA, 2004
34. 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
35. 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
36. 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
37. N Pathare, D Brunt, MD Bishop, C Kukulka. Role of quadriceps muscle in anticipatory postural adjustments during gait initiation. Society of Neuroscience, November 2002
38. MD Bishop, D Brunt, N Pathare, Bina Patel. Force modulation during gait termination: evidence for an inter-limb interaction. GCMAS, April 2002
39. 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. GCMAS, April 2002
40. 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. GCMAS, April 2002
41. 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
42. 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
43. 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

44. Barstow IK, Kaminski TW, Bishop MD. The effect of enhance-eccentric resistance training on forearm flexor strength: a randomized controlled trial. ACSM 1998
45. 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

Regional

1. Wikstrom EA, Inamdar AD, Doidge D, Bishop M, Hass CJ. Control Strategies during gait termination are altered in subjects with ankle instability. South Eastern Athletic Trainers Association Annual Meeting, 2008
2. Bishop MD. Psychological factors influence on outcomes in older adults. Brooks Healthcare Continuing Education Series. Jacksonville, June 2009
3. Bishop MD. Explaining variability in pain responses. FPTA Spring meeting, 2009
4. Bishop MD. Measuring pain. FPTA Spring meeting, 2009
5. MD Bishop, D Brunt, J Marjama-Lyons, Tonya Toole, N Pathare, M Ko, Lisa Smith. The generation of force during gait termination in Parkinsonism. Florida Society of Movement Disorders, Oct 2001
6. P Fiolkowski, MD Bishop. Injury Prevention and Management. American College Dance and Festival Association, Annual Southeastern Conference. Gainesville, March 2001.

Local

1. Bishop MD. An endogenous model of low back pain: preliminary results. Rehabilitation Research Seminar Series, UF. 2008
2. Riveros C, Bishop MD. Influence of muscle pain on ratings of induced pain in healthy subjects. College of PHHP Research Day, April 2007
3. Horn M, Bishop MD. Decrease flexion relaxation ratio not associated with acute back low pain. College of PHHP Research Day, April 2007
4. Driggers A, Bishop MD. Associations among pain, impairment, and disability in individuals with endogenous experimental low back pain. College of PHHP Research Day, April 2007
5. Bishop MD. Influences on outcome after intervention for gait and balance disorders. Claude D Pepper Center Institute of Aging, University of Florida and Malcom Randall VA Medical Center. March 26, 2007
6. George SZ, Bialosky JE, Bishop MD. Neuronal Plasticity of Pain: Response to Rehabilitation Interventions, Neuromuscular Plasticity Symposium, Gainesville, FL, Sept 2005
7. Bishop M. Functional outcomes from the Gait and Balance Disorders Clinic, GRECC, Malcom Randall VA Hospital, June 2004
8. MD Bishop, K Light. Smoking and frailty. Department of Physical Therapy and Rehab Services at Shands Hospital Seminar series. 2002
9. MD Bishop, D Brunt, J Marjama-Lyons, Tonya Toole, N Pathare, M Ko, Lisa Smith. The generation of force during gait termination in Parkinsonism. Graduate Student Forum, University of Florida, 2002

Grant Activity

NCCAM (R01AT006334-01)

04/11 – 03/16

Mark Bishop - PI

Central Mechanisms of Body Based Intervention for Musculoskeletal Low Back Pain

NIAMS (K01-AR054331-01A2)

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.

NCCAM R21 (AT002796-01)

Steven Z George – PI, Mark Bishop – Investigator (20%)
Mechanisms of Neural Mobilization of Chronic Pain

Florida Biomedical Research Program 12/04 – 06/07
Mark Bishop – Principal Investigator

“The link between smoking and recovery from frailty in older Floridians.”

This project will track gait and mobility outcomes in patients who differ based on smoking status. Novel measurements include real-time accelerometry data collected in the patient’s home.

University of Florida Opportunity Fund 2006

Mark Bishop – PI (20%)

Development of an experimental model of low back pain.

University of Florida Faculty Development: Academic Technology 2003

Mark Bishop – PI

“Interactive Clinical Cases.”

University of Florida Opportunity Fund 2003

Terese Chmielewski – PI, Mark Bishop – Co-investigator

“Gender differences in strength.”

The primary goal of this project is to establish a battery of clinical tests that will provide the foundation of standardized method of assessing core 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?”

Membership in Scientific/Professional Honorary Societies:

1989 to 1991 Australian Physiotherapy Association

1996 to 2007 National Strength and Conditioning Association

1997 to present American Physical Therapy Association

- Orthopedic Section, 1998 to present,
- Research Section, 1998 to present,
- Sports Physical Therapy Section, 1997 to 2004
- Education Section, 2000 to 2003
- Aquatic Physical Therapy Section, 1997 to 2002

1997 to present Florida Physical Therapy Association

2002 to present Phi Kappa Phi Honor Society

2002 to present American Academy of Orthopedic Manual Therapy

2006 to present Health Volunteers Overseas

Offices Held in Scientific/Professional Honorary Societies:

2003 to present Assembly Representative, North Central Florida District, Florida Physical Therapy Association

2005 to 2006 Research Committee member, Florida Physical Therapy Association

2008 to present Research Committee member, AAOMPT
2009 to present Physical Therapy Steering Committee, Health Volunteers Overseas
2010 Florida Delegate, APTA House of Delegates

Professional Activities:

1989 Australia U16 Basketball Championships, Mackay, QLD, Australia,
1992 Medical Crew, Calgary Stampede Marathon, Calgary, Canada
1992 Macs International Midget Hockey Tournament, Calgary, Canada
1996 Track and Field Venue Medical Team, Paralympics, Atlanta, GA, USA
1996 Medical Crew, Great Florida Triathlon, October

Honors and Awards:

1996, 1997, 1999 International Student Academic Achievement Awards, Univ. of Florida, Gainesville, FL
1997 Clinical Instructor of the Year, Department of Physical Therapy, Univ. of Florida, Gainesville, FL
2000 Fredrick's Family Scholarship (graduate level), Department of Physical Therapy, Univ. of Florida, Gainesville, FL
2001 Dean's Scholar Finalist, College of Health Professions, Univ. of Florida, Gainesville, FL
2001 College of Health Professions Leadership Award, Univ. of Florida, Gainesville, FL
2002 Second place, Platform presentation, Graduate Student Forum, Univ. of Florida, Gainesville, FL
2002 Graduate Student Travel Award to present at the Gait and Clinical Motion Analysis Society Annual Meeting
2002 Phi Kappa Phi Honor Society, Univ. of Florida, Gainesville, FL
2003 Teaching Excellence Award, College of Health Professions, Univ. of Florida, Gainesville, FL
2003 Finalist, Best Scientific Abstract, North America and Caribbean Region, World Congress of Physical Therapy, Barcelona, Spain
2005 Teaching Excellence Award, Physical Therapy Class of 2005, Univ. of Florida
2006 Margaret L. Moore Outstanding New Faculty Member Award, APTA
2008 Research Report (Neurology) Recognized for Excellence: Ko MS, Bishop MD, Behrman A. Symmetrical Limb Loading: The Immediate Effect on Gait Initiation in Persons With Hemiparesis. Annual Conference & Exposition of the American Physical Therapy Association, San Antonio, Texas 2008
2009 JOSPT Excellence in Research Award, coauthor on 'A Randomized Sham-Controlled Trial of a Neurodynamic Technique in the Treatment of Carpal Tunnel Syndrome'