

## CURRICULUM VITAE

Mark Bishop  
(352) 273 6112  
mbishop@phhp.ufl.edu

### Education

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

### Employment and Positions Held

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
2008	Rehabilitation Research Scholar, National Institutes of Health (NICHD)

### 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. 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
21. Jayaraman J, Shah PK, Gregory CM, Stevens JE, Bowden M, Bishop MD, Walter GA, Behrman AL, Vandendorne K. Muscle Adaptations and Locomotor Training after Incomplete Spinal Cord Injury: A Case Series. *J Spinal Cord Med*. 2008, 31 (2) 185-193
22. 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
23. Bialosky, Bishop, Robinson, Price, George. The Mechanisms of Manual Therapy in the Treatment of Musculoskeletal Pain: A Proposed Comprehensive Model. *Man Therapy*
24. Beneciuk JM, Bishop MD, George SZ. Clinical Prediction Rules for Physical Therapy Interventions: A Systematic Review. *PTJ*. In press
25. 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. *JOSPT*. In press

#### Invited Papers and Reviews

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

#### Reprints of published papers

1. Abstracted by Year Book of Sports Medicine 2003, Mosby, 2003 (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)

2. OrthoLinx, MDLinx Top Orthopedics Article, <http://www.mdlinx.com>, October 6, 2004 (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)

#### Chapters, Courses, Mongraphs

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. **Bishop MD**, Brunt D, 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. 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. Elsevier. In editorial review
5. **Bishop MD**. Lumbar Anatomy and Physiology. Home Study Course 18.1.1, APTA Orthopaedic Section, 2007

#### Scientific and Professional Presentations

##### *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

##### *National*

1. Horn ME, Bishop MD. Decreased flexion relaxation ration not associated with acute onset low back pain, CSM 2009
2. 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
3. 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
4. Horn ME, Bishop MD. Acute Exercise Induced Pain Increases the Rate of Temporal Summation. UFPT Neuromuscular Plasticity Symposium, 2008
5. Waddell L, Riesterer K, VanEtten L, Bishop M, Thigpen M, Creel G. Depression and cardiovascular in community-dwelling adults. Combined Sections Meeting, 2008
6. 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.
7. Bishop MD, George SZ. Interaction between kinesiophobia and pain amplification in acute back pain. Combined Sections Meeting 2008

8. Bishop MD, Horn ME. Descriptive results from development of a model of endogenous low back pain. Combined Sections Meeting 2008
9. Bishop MD, Driggers A, Riveros C, Horn ME. Fear predicts peak pain in acute onset muscular low back pain. Combined Sections Meeting 2008
10. Bialowsky JE, George SZ, Barabas JA, Bishop MD, Robinson ME. The effect of subject expectation on spinal manipulation induced hypoalgesia. Combined Sections Meeting 2008
11. 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
12. 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
13. 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
14. Bishop MD, George SZ, McNally A. Improvement in range of motion after a stretching program: changes in tissue properties? Combined Sections Meeting 2007
15. 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
16. Bishop MD, George SZ, McNally A, Robinson ME. Effect of Neurodynamic intervention on pain perception. AAOMPT National Conference, 2006
17. Bialowsky JE, George SZ, Bishop MD. Manual therapy induced analgesia: a comparison of health subjects and those with low back pain, AAOMPT National Conference, 2006
18. 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
19. 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
20. 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
21. 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
22. Chmielewski TL, Horodyski MB, Hodges MJ, Conrad BP, Bishop MD. Does the assessment of core strength identify frontal plane knee angle deviations? ACSM, 2004
23. 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
24. Light KE, Bishop M, Kornetti D, Prieto-Lewis N. Can telephone calls make a difference in outcomes for elders? Combined Sections Meeting, APTA, 2004
25. 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
26. 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
27. 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
28. N Pathare, D Brunt, MD Bishop, C Kukulka. Role of quadriceps muscle in anticipatory postural adjustments during gait initiation. Society of Neuroscience, November 2002
29. MD Bishop, D Brunt, N Pathare, Bina Patel. Force modulation during gait termination: evidence for an inter-limb interaction. GCMAS, April 2002

30. 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
31. 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
32. 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
33. 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
34. 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
35. Barstow IK, Kaminski TW, Bishop MD. The effect of enhance-eccentric resistance training on forearm flexor strength: a randomized controlled trial. ACSM 1998
36. 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. 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
3. 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.
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**

NIAMS/NCCAM (K01-AR054331-01A2)

09/08 – 08/13

Mark Bishop – PI , Michael Robinson – Mentor

Neurobiological Mechanisms of Body Based Intervention for Musculoskeletal Pain

*NCCAM R21 (AT002796-01)*

Steven Z George – PI, Mark Bishop – Investigator (20%)

Mechanisms of Neural Mobilization of Chronic Pain

*Florida Biomedical Research Program – New Investigator*

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%)

\$80, 769

Development of an experimental model of low back pain.

*University of Florida Faculty Development: Academic Technology*

2003

Mark Bishop – PI

\$9,985

“Interactive Clinical Cases.”

*University of Florida Opportunity Fund*

2003

Terese Chmielewski – PI, Mark Bishop – Co-investigator

\$100,000

“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

**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

### **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 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

### **Continuing Education Workshops Conducted/Organized:**

#### *National*

- IK Barstow, J Gilliam, MD Bishop. Demystifying low back pain: a research based approach. St Simon's Island, February, 1999.
- IK Barstow, J Gilliam, MD Bishop. Demystifying low back pain: a research based approach. Atlanta, sponsored by Orthopedic Section, APTA, September 1998.

#### *Regional*

- C Isaac, MD Bishop. 'Watch your back.' UF Health Fair, 1994.
- Structure and function of the knee. 'ReQuest Physical Therapy and GHFC Presents' Series, 1996.
- Get ready to ski. 'ReQuest Physical Therapy and GHFC Presents' Series, 1996.
- MD Bishop, M Foley. Physical Therapy: Conservative management of Spinal Disorders. At: The Essentials of Spine Care for the Primary Care Physician, Gainesville, 1997.
- Beginning to exercise. A series of presentations to the Gastric Bypass Support Group, June 1998.
- Classification of patients with low back pain. Gainesville subsection, Florida Physical Therapy Association, 2000.
- MD Bishop. Introductory Soft Tissue Assessment and Treatment Techniques. Ocala, FL, July 2001.
- MD Bishop. Management of Shoulder Conditions. Tachachale Center, Gainesville, Florida, Sept 2003
- MD Bishop. Management of Spinal Disorders. Tachachale Center, Gainesville, Florida, Feb 2005
- George SZ, Bishop MD. Clinical Update on Low Back Pain, Gainesville, FL, Jan 2006

Imaging basics for the PT, Tacachale, Mar 2006

Bishop, Thigpen, Prieto-Lewis. Falling down: an age related epidemic, Gainesville, 2008

### **Student Advisement**

#### **Undergraduate Honors**

2006-2007	Adrienne Driggers	Pain, disability and impairment in acute back pain
2006-2007	Carlos Riveros	Influence of Muscle Pain on Ratings of Induced Pain.
2006-2007	Michelle Vega	Effect of degenerative disease on outcome in older adults
2007-2008	Nicholas DiSarro	
2007-2008	Laurne Bernloehr	

#### **Physical Therapy Projects**

2007-2008	Stacy Gorski Drew Oswald	
2005-2006	Jeremy Palubin Matthew Montag Trevor Lentz	
2004-2005	Martha Cullaty Joe Rivett Andrew McNally Kelly Conway	
2002-2003	Leanne Newberry Christopher Keorner	

#### **Member, Masters of Health Science Committee**

2003	Robert Taylor	
2004	Hemal Vyas	Effect of different modes of stretching on pain perception
2004	Supriya Shidore	Changes in connective tissue after stretching.
2004	Gauri Kandekar	Identifying Post-Stroke Cortical Re-Organization using Transcranial Magnetic Stimulation.
2004	Shalaka Limaye	

#### **Member, Doctoral Committee**

2003 to 2004	Shuman Li	
2003 to 2005	Mansoo Ko	Immediate effects of loading on gait initiation
2007	Bhagwant Sindhu	Effect of injury on grip strength effort

2005 -	Tara Patterson	
2006 -	Joel Bialosky	
2006 -	Sergio Romero	
2006 -	Bongsam Choi	