

JOEL BIALOSKY

PO Box 100154
Gainesville, FL 32610-0154

Phone: (352) 273-8636
E-mail: bialosky@p.php.ufl.edu

EDUCATION

Doctor of Philosophy in Rehabilitation Science 8/08

University of Florida, Gainesville, Florida
Dissertation: Mechanisms of Manual Therapy
Advisor: Steven George PT, PhD

Master of Science in Musculoskeletal Physical Therapy 12/98

University of Pittsburgh, Pittsburgh, Pennsylvania.

Bachelor of Science in Physical Therapy 8/90

Ithaca College, Ithaca, New York.

Licensed to practice in Florida.

WORK EXPERIENCE

CLINICAL

Clinic Therapy Director, Concentra Medical Center: Pittsburgh, Pennsylvania 9/03 to 12/04

An orthopedic, outpatient center specializing in worker's compensation care

- Responsible for providing physical therapy services to injured workers, overseeing clinic, supervising physical therapy students, and providing inservices to staff.

Facility Director, Centers for Rehab Services (a partner of University of Pittsburgh Medical Center), Moon Township Office, Moon Township, Pennsylvania. 9/96 to 9/02

An orthopedic outpatient center

- Responsible for providing physical therapy services, marketing the clinic to physicians and insurance companies, office budget, hiring, evaluating and supervising clinic staff, and organizing monthly staff meetings and inservices; Clinical Instructor for physical therapy students.

Physical Therapist III, University of Pittsburgh Medical Center- Center for Sports Medicine, Pittsburgh, Pennsylvania. 7/93 to 9/96

An orthopedic outpatient center.

- Staff physical therapist responsible for providing physical therapy services, supervising students, member of comprehensive spine team, inserviced staff and visiting therapists, committees for efficient operations of clinic, assistant team leader, data collection for various research projects, twice voted employee of the month.

Physical Therapist, Champlain Valley Physicians Hospital, Plattsburgh, New York. 12/91 to 6/93

An acute care hospital

- Staff physical therapist providing in and out patient care

Physical Therapist, University Hospital, Syracuse, New York. 9/90 to 11/91

An acute care hospital

- Staff physical therapist providing in patient care

ACADEMIC

Clinical Associate Professor University of Florida, Gainesville, Florida 6/17 to present

Clinical Assistant Professor University of Florida, Gainesville, Florida 8/08 to 6/17

Clinical Faculty University of Pittsburgh University Drive Division Veteran's Administration Hospital, Pittsburgh, Pennsylvania. 9/02 to 9/03

An acute care hospital

- Responsible for providing physical therapy services, supervising students, assisting director with administrative responsibilities, overseeing primary care program, and teaching in University of Pittsburgh Physical Therapy Program.

TEACHING EXPERIENCE

TEACHER'S ASSISTANT

- Teacher's assistant University of Florida Evidence II class Fall 2007
- Teacher's assistant University of Florida Evidence I and Case Study I class Fall 2005, Fall 2006
- Teacher's assistant University of Florida Case Study II class Summer 2005, Summer 2006
- Teacher's assistant University of Florida Orthopedics class 2005, 2006

GUEST LECTURER

- Guest lecture PHC 6711 Measurement in Epidemiology and Outcomes Research 4/2010, 4/2011
- Assisted with PHT 6187 Functional Anatomy I, University of Florida entry level physical therapy program
- Guest lecturer to Introduction to Health Professions course University of Florida regarding scientific application of physical therapy March 2006, February 2007
- Guest Lecturer Duquesne University physical therapy class regarding physical therapy treatment for the injured worker November 2004
- Lecturer at Treatment of the Knee and Treatment of the Low Back physical therapy assistant courses offered at the University of Pittsburgh Center for Sports Medicine March 1994 and 1995.
- Guest lecturer entry level physical therapy class at the University of Pittsburgh in lumbar spinal stabilization exercises August 1994
- Guest lecturer entry-level physical therapy class at the University of Pittsburgh in use of cervical and lumbar traction and auto-traction November 1994.
- Guest lecturer first year physical therapy and medical students at the University of Pittsburgh in cadaver anatomy of the spine December 1993, June 1995.
- Guest lecturer to orthopedic study group in Pittsburgh, Pennsylvania regarding the biomechanics of the upper cervical spine.

COORDINATOR

- Co- instructor RSD 6930 Doctoral Seminar in Rehabilitation
- Therapeutic Modality Interventions in Physical Therapy PHT 6218C (2 credits)
- Manual therapy portion of PHT 6188 Functional Anatomy II, University of Florida entry level physical therapy program
- Co- instructor PHT 6771 Musculoskeletal Disorders I (4 credits) and II (4 credits)
- Designed and instructed manual therapy elective to University of Florida Sports and Orthopedic Physical Therapy Fellows, DPT students, and clinicians, Summer 2006

GRADUATE COMMITTEE ACTIVITIES

Role	Student	Major	Complete Date	Title
External Examiner Ph D	Annalie Basson	Rehabilitation Science	May 2017	The effect of neural mobilisation on cervico-brachial pain
Member Ph.D	Fredy Mora Solis	Rehabilitation Science	May 2016	Physical activity and its association with pain-related distress and pain processing before and after acute exercise-induced low back pain.
Member Ph.D	Rogelio Coronado	Rehabilitation Science	May 2014	Cervical and shoulder manipulative therapy effects on pain sensitivity

RESEARCH EXPERIENCE

- Grants Completed

Title: Mechanisms of Neural Mobilization for Chronic Pain
Role: Acting Study Coordinator

Type: R21AT002796-01A1
Agency: National Institutes of Health (NCCAM)
Direct Costs: \$275,000
Funding Period: 2006 – 2008
Status: Ongoing

This study investigates whether patients with carpal tunnel syndrome demonstrate excessive central sensitization of pain and if a novel manipulative and body-based method (neural mobilization) reduces central sensitization of pain.

Title: Mechanisms of Manual Therapy in the Treatment of Low Back Pain
Role: Primary Investigator
Type: Opportunity Fund
Agency: University of Florida Division of Sponsored Research
Direct Costs: \$85,146
Funding Period: 2010 – 2012
Status: Ongoing

This study investigates the believability and evoked expectation for treatment outcomes of a novel manual therapy placebo. Additionally, this study investigates competing mechanisms related to central sensitization of pain and placebo through which a manipulative and body-based method (spinal manipulation) alters pain and disability in individuals experiencing low back pain.

- Grants Funded

Title: Cervical and Shoulder Manipulative Therapy Effects on Pain Sensitivity
Role: Co-Investigator
Type: Orthopedic Section American Physical Therapy Association
Agency: Orthopedic Section American Physical Therapy Association
Direct Costs: \$15,000
Funding Period: June 2012 – June 2014
Status: Ongoing

The study documents the effect of two thrust manual therapy techniques, differing in location, on central and peripheral pain processing in individuals currently experiencing shoulder pain.

Title: Creation of the Orthopaedic Physical Therapy – Investigative Network (OPT-IN) for the Optimal Screening for Prediction of referral and Outcome (OSPRO) Cohort Study
Role: Co- Investigator
Type: Orthopaedic Clinical Research Network Grant
Agency: Orthopedic Section of the American Physical Therapy Association
Direct Costs: \$300,000
Funding Period: 2013 – 2016
Status: Ongoing

The Orthopaedic Physical Therapy – Investigative Network (OPT-IN) will form a national research network for completion of the Optimal Screening for Prediction of Referral and Outcome (OSPRO) cohort study. The OSPRO cohort study will develop and validate national standard screening tools for red and yellow flags.

Title: Mid-Thoracic Spine Thrust Manipulation for Individuals Status Post-Surgical Cervical Fusion
Role: Co-Investigator
Agency: American Academy of Orthopaedic Manual Physical Therapists (AAOMPT)
Direct Costs: \$3,000
Funding Period: 2014-2015

This study investigates the efficacy of receiving physical therapy intervention supplemented with mid-thoracic spine thrust manipulation in comparison to receiving a similar physical therapy intervention that is not supplemented with mid-thoracic spine thrust manipulation in study participants following post-surgical cervical fusion.

- Grants Submitted

Title: Center of Excellence for Research on Manual Therapy
Role: Primary investigator of 1 of 4 grants within the center
Type: P01 AT006646
Agency: National Institutes of Health (NCCAM)

Direct Costs: \$6,056,609

Funding Period: submitted 10/10

Status: Not funded. My individual grant received a score of 39

This study investigates central and peripheral mechanisms of a specific manual therapy intervention for individuals presenting with carpal tunnel syndrome. Specifically, this study investigates competing mechanisms related to central sensitization of pain and placebo through which a manipulative and body-based method alters pain and disability in individuals experiencing carpal tunnel syndrome.

Title: Clinical Relevance of Post Treatment Reduction in Thermal Pain Sensitivity

Role: Co- Investigator

Type: R01AR062072

Agency: National Institutes of Health (NCCAM)

Direct Costs: \$1,498,628

Funding Period: submitted 2/11

Status: Scored 44

This proposal addresses why individuals transition from an acute to chronic pain state. The primary research question we are investigating is whether reduction of temporal summation during an episode of acute pain is a clinically relevant mechanism that prevents progression to a chronic pain state.

Title: Clinical Relevance of Post Treatment Reduction in Thermal Pain Sensitivity

Role: Co- Investigator

Type: R01AT007164

Agency: National Institutes of Health (NCCAM)

Direct Costs: \$1,498,628

Funding Period: re- submitted 11/11

Status: Not scored

This proposal addresses why individuals transition from an acute to chronic pain state. The primary research question we are investigating is whether reduction of temporal summation during an episode of acute pain is a clinically relevant mechanism that prevents progression to a chronic pain state.

Title: Peripheral and Central Pain Inhibitory Mechanisms of a Manipulative and Body Based Intervention

Role: Primary investigator

Type: R01 AT007275-01

Agency: National Institutes of Health (NCCAM)

Direct Costs: \$1,100,000

Funding Period: submitted 6/11

Status: Received a score of 48

This study investigates central and peripheral mechanisms of a specific manual therapy intervention for individuals presenting with carpal tunnel syndrome. Specifically, this study investigates competing mechanisms related to central sensitization of pain and placebo through which a manipulative and body-based method alters pain and disability in individuals experiencing carpal tunnel syndrome.

Title: Peripheral and Central Pain Inhibitory Mechanisms of a Manipulative and Body Based Intervention

Role: Primary investigator

Type: R01 AT007275-01

Agency: National Institutes of Health (NCCAM)

Direct Costs: \$1,100,000

Funding Period: re- submitted 3/12

Status: Received a score of 26

This study investigates central and peripheral mechanisms of a specific manual therapy intervention for individuals presenting with carpal tunnel syndrome. Specifically, this study investigates competing mechanisms related to central sensitization of pain and placebo through which a manipulative and body-based method alters pain and disability in individuals experiencing carpal tunnel syndrome.

Title: Combined Physical and Psychological Treatments for Chronic Low Back Pain

Role: Primary investigator

Type: Sharon S. Keller Chronic Pain Research Grant

Agency: American Pain Society

Direct Costs: \$35,000

Funding Period: 1/13 – 1/15

Status: not funded

This study investigates the efficacy of a physical treatment (spinal manipulative therapy) for individuals experiencing chronic low back pain when applied with varying levels of a psychological intervention related to expectation for the effectiveness of the spinal manipulative therapy.

Title: Peripheral and Placebo Mechanisms of Mind and Body Based Interventions

Role: Primary investigator

Type: R01 AT008044-01

Agency: National Institutes of Health (NCCAM)

Direct Costs: \$1,963,222

Funding Period: submitted 2/13

Status: not scored

This study investigates peripheral and placebo mechanisms of spinal manipulative therapy (SMT) for individuals presenting with low back pain. Specifically, this study considers 1) the efficacy of SMT in reversing signs of central sensitization, 2) the efficacy of SMT in normalizing signs of central sensitization, and 3) the clinical relevance of changes in signs of central sensitization .

Title: Enhancing Spinal Manipulative Therapy Outcomes Through Context Specific Effects

Role: Primary investigator

Type: Sharon S. Keller Chronic Pain Research Grant

Agency: American Pain Society

Direct Costs: \$34,442

Funding Period: 5/14 – 6/16

Status: Not funded

This study investigates an additive effect between contextual factors known to enhance placebo analgesia when applied with spinal manipulative therapy in the treatment of individuals experiencing chronic low back pain.

Title: Improving Shared Decision Making for Common Neurological and Musculoskeletal Conditions

Role: Co- investigator

Agency: Patient Centered Outcomes Research Institute

Direct Costs: \$1,350,285

Funding Period: 7/14 – 7/17

Status: Not funded

This study will modify a patient centered outcome tool so that it is reliable and valid for use by each member of the healthcare triad. Additionally, this study will determine whether use of the modified instrument enhances shared decision making during clinical care.

Title: Pain Inhibitory Mechanisms of a Manipulative and Body Based Intervention

Role: Primary investigator

Type: R01 AT008825-01

Agency: National Institutes of Health (NCCAM)

Direct Costs: \$1,766,800

Funding Period: submitted 10/14

Status: Impact Score: 55; Percentile 43

This study investigates central and peripheral mechanisms of a specific manual therapy intervention for individuals presenting with carpal tunnel syndrome related to central sensitization of pain and placebo.

Title: Pain Sensitivity as a Biomarker for Spinal Manipulative Therapy

Role: Primary investigator

Type: R01 AT008960-01

Agency: National Institutes of Health (NCCIH)

Direct Costs: \$1,204,581

Funding Period: submitted 2/15

Status: Impact Score: 60; Percentile 47

This study investigates pain sensitivity as a risk factor for the transition from acute to chronic low back pain and its response to spinal manipulative therapy

Title: Pain Modulatory Profiles of Individuals with Low Back Pain and Their Response to Massage
Role: Primary investigator
Type: Research Grant
Agency: Massage Therapy Foundation
Direct Costs: \$28,832
Funding Period: submitted 3/15
Status: Not funded
This study investigates changes in pain sensitivity in response to massage and their relationship to clinical outcomes

Title: Targeting pain mechanisms with spinal manipulation in patients with neck pain
Role: Primary investigator
Type: 1 R61 AT009327-01
Agency: National Institutes of Health (NCCIH)
Direct Costs: \$ 1,916,601
Funding Period: submitted 1/16
Status: Not funded
This study investigates pain sensitivity profiles of individuals with neck pain, their responsiveness to manual therapy interventions, and the relationship to clinical outcomes

Title: Pain Sensitivity As A Biomarker For Spinal Manipulative Therapy
Role: Primary investigator
Type: 1 R01 AT008960-01A1
Agency: National Institutes of Health (NCCIH)
Direct Costs: \$ 1,649,015
Funding Period: re- submission 3/16
Status: Not funded
This study investigates pain sensitivity as a risk factor for the transition from acute to chronic low back pain and its response to spinal manipulative therapy

PUBLICATIONS

PEER REVIEW PUBLICATIONS

- George SZ, Fritz JM, **Bialosky JE**, Donald D. The effect of a fear-avoidance-based physical therapy intervention for patients with acute low back pain: results of a randomized clinical trial. *Spine* 2003; 28: 2551-2560. PMID: 14652471
- George,SZ, **Bialosky JE**, Fritz,JM. Physical therapist management of a patient with acute low back pain and elevated fear-avoidance beliefs. *Physical Therapy* 2004; 84: 538-549. PMID: 15161419
- George,SZ, **Bialosky JE**, Donald,D. The centralization phenomenon and fear-avoidance beliefs as prognostic factors for low back pain. *The Journal of Orthopaedic and Sports Physical Therapy*. 2005; 35: 580-588. PMID: 16268245
- George SZ, Bishop MD, **Bialosky JE**, Zeppieri G, Robinson ME. The immediate analgesic effects of spinal manipulation on thermal pain sensitivity. *BMC Musculoskelet Disord*. 2006; 7:68. PMID: 16911795
- George SZ, **Bialosky JE**, Whittmer VT, Robinson ME. Sex differences in pain drawing area for individuals with chronic musculoskeletal pain. *The Journal of Orthopaedic and Sports Physical Therapy*. 2007; 37: 115-121. PMID: 17416126
- **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 Musculoskeletal Disorders*.2008;9:19. PMID: 18267029
- Hirsh AT, George SZ, **Bialosky JE**, Robinson ME. Fear of pain, pain catastrophizing, and acute pain perception: relative prediction and timing of assessment. *J Pain*, 2008;9; 806-812. PMID: 18486557
- **Bialosky JE**, Hirsh AT, Robinson ME, George SZ. Manipulation of pain catastrophizing: an experimental study in healthy participants. *J Pain Res*, 2008;1:1-7. PMID: 21197286
- **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 Ther*, 2009;14; 531-538. PMID: 19027342
- **Bialosky JE**, Bishop MD, Robinson ME, Zeppieri G, George SZ. Spinal manipulative therapy has an immediate effect on therapy on thermal pain sensitivity in people with low back pain: A randomized, controlled trial. *Physical Therapy*, 2009;89; 1292-1303. PMID: 19797305
- **Bialosky JE**, Bishop MD, Price DD, Robinson ME, Vincent KR, George SZ. A randomized sham controlled trial of a neurodynamic technique in the treatment of carpal tunnel syndrome. *The Journal of Orthopaedic and Sports Physical Therapy*. 2009;39:709-723. PMID: 19801812

- **Bialosky JE**, Bishop MD, Robinson ME, George SZ. The relationship of the audible pop to hypoalgesia associated with high velocity, low amplitude thrust manipulation. An experimental study in pain free participants. *Journal of Manipulative and Physiological Therapeutics*, 2010; 33(2):117-124. PMID: 20170777
- Robinson ME, **Bialosky JE**, Bishop MD, Price DD, George SZ. Supra-threshold scaling, temporal summation, and after-sensation: Relationships to each other and anxiety/fear. *Journal of Pain Research*. 2010;3:25-32. PMID: 21197307
- Coronado RA, **Bialosky JE**, Cook CE. The Temporal Effects of a Single Session of High-velocity, Low-amplitude Thrust Manipulation on Subjects with Spine Pain: a Systematic Review. *Physical Therapy Reviews*. 2010;15:29-35.
- **Bialosky JE**, Bishop MD, Cleland JA. Individual Expectation for Physical Therapy Interventions in the Treatment of Musculoskeletal Pain: an overlooked, but pertinent factor. *Physical Therapy*: 2010; 90(9):1345-1355. PMID: 20592270
- Bishop MD, **Bialosky JE**, Cleland JA. Patient expectations of benefit from common interventions and effects on outcome: secondary analysis of a clinical trial of manual therapy interventions. *Journal of Manipulative and Manual Therapeutics*. 2011: 19(1); 20-25.
- **Bialosky JE**, Bishop MD, George SZ, Robinson ME. Placebo Response to Manual Therapy: Something out of nothing? *Journal of Manual and Manipulative Therapeutics*. 2011: 19(1); 11-19.
- Alappattu MJ, Bishop MD, **Bialosky JE**, George SZ, Robinson ME. Stability of Behavioral Estimates of Activity-Dependent Modulation of Pain. *J Pain Res*. 2011;4:151-157. PMID: 21811390
- **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*. 2011;16: 602-608. PMID:21764354
- **Bialosky JE**, Simon, C, Bishop MD, George, SZ. Basis for Spinal Manipulative Therapy: A Physical Therapy Perspective. *Journal of Electromyography and Kinesiology*. 2012 Oct; 22(5):643-647. PMID:22197083
- Coronado RA, Gay CW, **Bialosky JE**, Carnaby (Mann) GD, Bishop MD, George SZ. Changes in Pain Sensitivity following Spinal Manipulation: a Systematic Review and Meta- Analysis. *Journal of Electromyography and Kinesiology*. 2012 Oct; 22(5):752-767. PMID: 22296867
- Anderson R, Robinson ME, Staud R, Bishop MD, **Bialosky JE**, Craggs JG, George SZ. Temporal Summation of Second Pain: Variability in Responses to a Fixed Protocol. *European Journal of Pain*. 2013 Jan;17(1):67-74. PMID: 22899549
- Bishop ME, Cleland JA, Mintken P, **Bialosky JE**. Patient Expectations of Benefit From Interventions for Neck Pain and Resulting Influence on Outcomes. *Journal of Orthopedic and Sports Physical Therapy*. 2013; 43(7):457-65. PMID:23508341
- **Bialosky JE**, George SZ, Horn ME, Price DD, Staud R, Robinson ME, Spinal Manipulative Therapy Specific Changes In Pain Sensitivity In Individuals With Low Back Pain (NCT01168999), *Journal of Pain*. 2014 Feb; 15(2):136-148. PMID: 24361109
- Coronado RA, **Bialosky JE**, Robinson ME, George SZ. Pain sensitivity subgroups in individuals with spine pain: potential relevance to short-term clinical outcome. *Phys Ther*. 2014 Aug; 94(8):1111-1122. PMID: 24764070
- Gay CW, Horn ME, Bishop MD, Robinson ME, **Bialosky JE**. Investigating Dynamic Pain Sensitivity in the Context of the Fear Avoidance Model. *European Journal of Pain*. 2014. Jan; 19(1):48-58. PMID: 24890100
- Riley SP, **Bialosky J**, Cote MP, Swanson BT, Tafuto V, Sizer PS, Brismée JM. Thoracic spinal manipulation for musculoskeletal shoulder pain: Can an instructional set change patient expectation and outcome? *Man Ther*. 2014;20(3):469-74.: PMID: 25543999
- 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. *JOSPT*. 2015. April; 45(4):252-264. PMID: 25739842.
- George SZ, Beneciuk JM, **Bialosky JE**, Lentz TA, Zeppieri G Jr, Pei Q, Wu SS. Development of a Review of Systems Screening Tool for Orthopaedic Physical Therapists: Results From the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort. *JOSPT*. 2015 May 21:512-526. PMID: 25996361
- Bishop MD, Torres-Cueco R, Gay CW, Luch-Girbés E, Beneciuk JM, **Bialosky JE**. What effect can manual therapy have on a patient's pain experience? *Pain Manag*. 2015;5(6):455-64. PMID: 26401979
- Lentz TA, Beneciuk JM, **Bialosky JE**, Zeppieri G Jr, Dai Y, Wu SS, George S. Development of a Yellow Flag Assessment Tool for Orthopaedic Physical Therapists: Results From the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort. *JOSPT*. 2016; 46(5):327-43. PMID: 26999408
- **Bialosky JE**, Robinson ME. Placebo disclosure does not result in negative changes in mood or attitudes towards health care or the provider. *JMMT*. Accepted for publication
- Alappattu MJ, **Bialosky JE**, Gay CW, Beneciuk JM, Bishop MD. The influence of clinical equipoise and patient preferences on outcomes of conservative manual interventions for spinal pain: an experimental study. *Journal of Pain Research*. Accepted for publication

OTHER PUBLICATIONS

- **Bialosky JE**, Bishop MD, George SZ. Response to “Regional interdependence: a musculoskeletal model whose time has come.” *J Orthop Sports Phys Ther.* 2008; 38: 159-161. PMID: 18349496
- **Bialosky JE**, Bishop MD, George SZ. How spinal manipulative therapy works: why ask why? *J Orthop Sports Phys Ther.* 2008; 38: 293-295. PMID: 18515964
- Patel N, **Bialosky JE**. The assessment and inclusion of balance training in the rehabilitation of an elderly man with symptomatic bilateral knee osteoarthritis. *Orthopedic Physical Therapy Practice, 2010;22(2):90-97*
- Prince M, George S, **Bialosky J**, Dunleavy K. Multimodal Physical Therapy Treatment of a Pediatric Patient Presenting With Complex Regional Pain Syndrome Type I:A Case Report. *Orthopedic Physical Therapy Practice, 2015;28(1):24-31.*
- **Bialosky JE**, Bishop MD, Penza CW. Placebo mechanisms of manual therapy: A sheep in wolf’s clothing? *JOSPT.* 2017;47(5):301-304. PMID: 28459190
- Coronado RA, **Bialosky JE**. Manual Physical Therapy for Chronic Pain: The complex whole is greater than the sum of its parts. *JMMT.* Accepted for publication

BOOK CHAPTERS

- McCarthy C, **Bialosky J**, Rivett D. Manipulative Therapy in Grieve’s Modern Musculoskeletal Physiotherapy 4th Edition, Elsevier UK.
- Bishop M, **Bialosky J**. The Specific Influences of Non- Specific Effects in Sluka K (Editor) Mechanisms and Management of Pain for the Physical Therapist.
- Bishop M, **Bialosky J**, Gay C. Chronic Low Back Pain in Manual Therapy for Musculoskeletal Pain Syndromes 1st edition.

IN REVIEW

- **Bialosky JE**, Beneciuk JM, Bishop MD, Coronado RA, Gay CW, Simon CB, George SZ. Unraveling the mechanisms of manual therapy: Modeling an approach. *J Orthop Sports Phys Ther.*

PRESENTATIONS

Local

- Steven Z. George, **Joel E. Bialosky**, Virgil Wittmer, and Michael E. Robinson (May 2005). The Influence of Sex, Personality, and Coping Style on the Pain Drawing. Poster presented at the 4th Annual Pain Research Day, University of Florida. Gainesville, FL..
- Steven Z. George, **Joel E. Bialosky**, Mark D. Bishop (September 2005). Neuronal Plasticity of Pain: Response to Rehabilitation Interventions. Poster presented at the Neuromuscular Plasticity Symposium, University of Florida. Gainesville, FL.
- **Joel E. Bialosky**, Steven Z. George, Adam T. Hirsh, Ryland J. Galmish, Michael E. Robinson (March 2006). Pain Catastrophizing’s Effect on Pain: Initial Results of an Ongoing Study. Poster presented at PHHP Research Day, University of Florida, Gainesville, FL.
- **Joel E. Bialosky**, Steven Z. George, Mark D. Bishop (March 2006). Manual Therapy Induced Analgesia. A Comparison of Healthy Subjects and Those with Low Back Pain. Poster presented at the Neuromuscular Plasticity Symposium, University of Florida. Gainesville, FL.
- Adam T. Hirsh, Steven Z. George, **Joel E. Bialosky**, Michael E. Robinson (April 2007). Influence of Pain-Related Fear and Catastrophizing on Acute Pain Perception. Poster presented at PHHP Research Day, University of Florida, Gainesville, FL.
- **Joel E. Bialosky**, Steven Z. George, Josh A. Barabas, Valdora L. Martelli, Lauren A. Gates, Michael E. Robinson (April 2007). The Effect of Subject Expectation on Spinal Manipulation Induced Hypoalgesia. Poster presented at PHHP Research Day, University of Florida, Gainesville, FL.
- **Joel E. Bialosky**, Mark D. Bishop, Michael E. Robinson, Donald D. Price, Stephen Z. George (January 2008). Immediate Effects of Manual Therapy on Pain Perception in Individuals Experiencing Carpal Tunnel Syndrome. Poster presented at the Neuromuscular Plasticity Symposium, University of Florida. Gainesville, FL.
- Charles W. Gay, Maggie E. Horn, Mark D. Bishop, Michael E. Robinson, **Joel E. Bialosky** (April 2012) Factors Influencing the Relationship Between Low Back Pain Intensity and Disability. Poster presented at the University of Florida Public Health and Health Professions Annual Research Day, University of Florida, Gainesville, FL.
- Rogelio A. Coronado, Steven Z. George, **Joel E. Bialosky** (April 2012) Discriminant Analysis of Different Criteria for Measuring Successful Pain Outcome. Poster presented at the University of Florida Public Health and Health Professions Annual Research Day, University of Florida, Gainesville, FL.

National

- Steven Z. George, **Joel E. Bialosky**, Virgil Wittmer, and Michael E. Robinson (February 2006). The Influence of Sex, Personality, and Coping Style on the Pain Drawing. Poster presented at the American Physical Therapy Association Combined Sections Meeting in San Diego, CA.
- **Joel E. Bialosky**, Steven Z. George, Mark D. Bishop (March 2006). Manual Therapy Induced Analgesia. A Comparison of Healthy Subjects and Those with Low Back Pain. Platform presentation at the American Academy of Orthopedic and Manual Physical Therapy Conference in Charlotte, North Carolina.
- **Joel E. Bialosky**, Steven Z. George, Josh A. Barabas, Valdora L. Martelli, Lauren A. Gates, Michael E. Robinson (October 2007). The Effect of Subject Expectation on Spinal Manipulation Induced Hypoalgesia. Poster presented at ACRM-ASNR Joint Educational Conference, Washington, DC.
- **Joel E. Bialosky**, Mark D. Bishop, Michael E. Robinson, Giorgio Zeppieri Jr., Steven Z. George (February 2008). Immediate Effects of Spinal Manipulative Therapy in Subjects With Low Back Pain: A Pilot Study. Platform presentation at the Combined Sections Meeting of the American Physical Therapy Association in Nashville, Tennessee.
- **Joel E. Bialosky**, Mark D. Bishop, Michael E. Robinson, Josh A. Barabas, Steven Z. George (February 2008). The Effect of Subject Expectation on Spinal Manipulation Induced Hypoalgesia. Platform presentation at the Combined Section Meeting of the American Physical Therapy Association in Nashville, Tennessee.
- **Joel E. Bialosky**, Adam T. Hirsh, Michael E. Robinson, Ryland J. Galmish, Steven Z. George (May 2008). A Randomized Study of the Effects of Catastrophizing on Experimental Pain. Poster presented at the 27th Annual Scientific Meeting of the American Pain Society in Tampa, Florida.
- **Joel E. Bialosky** (October 2008). The Immediate and 3 Week Effects of Neural Mobilization in Individuals with Carpal Tunnel Syndrome. Platform presentation at the American Academy of Orthopedic and Manual Physical Therapy Conference in Seattle, Washington.
- **Joel E. Bialosky**, Mark D. Bishop, Donald D. Price, Michael E. Robinson, Kevin R. Vincent, Steven Z. George (February 2009). A Novel Sham Intervention for the Study of Neurodynamic Treatment Techniques in Individuals with Carpal Tunnel Syndrome. Poster presented at the American Physical Therapy Association Combined Sections Meeting in Las Vegas, Nevada.
- **Joel E. Bialosky** and Steven Z. George (February 2010). Factors predicting improved outcomes for individuals with carpal tunnel syndrome receiving upper extremity manual therapy. Poster presented at the American Physical Therapy Association Combined Sections Meeting in San Diego, California.
- Andrea Behrman, Kathy Light, Carolyn Patten, Dave Fuller, Steven George, **Joel Bialosky**, Mark Bowden, Emily Fox, Barbara Smith, Elisa Gonzalez-Rothi, Virginia Little. (February 2010). Bridging Science and Clinical Practice. You can be that Scientist. Presentation at the American Physical Therapy Association Combined Sections Meeting in San Diego, California.
- **Joel E. Bialosky**, Mark D. Bishop, Steven Z. George (February 2011). Pain Sensitivity Associated with Carpal Tunnel Syndrome and the Clinical Relevance. Platform presentation at the American Physical Therapy Association Combined Sections Meeting in New Orleans, Louisiana.
- **Joel E. Bialosky**, Josh Cleland (February 2012). Manual Therapy: How Does It Work? Orthopedic Section program at American Physical Therapy Association Combined Sections Meeting in Chicago, Illinois.
- Charles W. Gay, Maggie E. Horn, Mark D. Bishop, Michael E. Robinson, **Joel E. Bialosky** (May 2012). Factors influencing the relationship between low back pain intensity and disability. Poster presented at the American Pain Society Annual Meeting in Honolulu, Hawaii.
- **Joel E. Bialosky**, Maggie E. Horn, Steven Z. George, Michael E. Robinson (January 2013). Placebo Mechanisms of Spinal Manipulative Therapy in the Treatment of Individuals with Low Back Pain. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in San Diego, California.
- Abbey Martin, **Joel Bialosky**, Lindsey Watson (January 2013). The Association Between the Timing of Postoperative Physical Therapy and Clinical Outcomes in Individuals Status Post Total Knee Replacement: A Case Series. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in San Diego, California.
- Weiwei Guan, **Joel Bialosky**, Timothy Shay (January 2013). Physical Therapy Management of a Patient Presenting With Low Back Pain and Radicular Complaints Resulting from Cushing Syndrome–Related Spinal Epidural Lipomatosis: A Case Report. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in San Diego, California.
- Jessica Hudson, **Joel Bialosky** (January 2013). A Quota-based Exercise Approach in a Patient With Complex Regional Pain Syndrome Type 1 of the Ankle: A Case Study. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in San Diego, California.
- Jason Beneciuk, **Joel Bialosky**, Nata Salvatori (October 2013). Balanced Orthopaedic Physical Therapy Practice in an Unbalanced EBP World. 30 minute presentation and 2 one hour breakout sessions presented at the American Academy of Orthopedic and Manual Physical Therapists annual conference in Cincinnati, Ohio.
- Terese Chmielewski, Lindsay Parker, Meghan Park, Mary Thigpen, Gwen Creel, Fredi Solis Mora, Claudia

- Senesac, **Joel Bialosky** (February 2014). The Impact of an International Physical Therapy Educational Course on Participant Knowledge and Clinical Practice. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Las Vegas, Nevada.
- **Joel Bialosky**, Giorgio Zeppieri, Corey Simon (February 2014). The Physical Therapist Perspective of Patient Centered Outcomes. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Las Vegas, Nevada.
 - Charlotte Bocchino, **Joel Bialosky**, Jon van den Boogaard, Terese Chmielewski, Susan Tillman (February 2014). The Association of Traumatic Injury With Pain, Disability, and Kinesiophobia in Low Back Pain Patients. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Las Vegas, Nevada.
 - Jon van den Boogaard, **Joel Bialosky**, Charlotte Bocchino, Susan Tillman, Terese Chmielewski (February 2014). Levels of Kinesiophobia in Patients with Knee and Shoulder Injuries. Platform presentation at the American Physical Therapy Association Combined Sections Meeting in Las Vegas, Nevada.
 - Rogelio Coronado, **Joel Bialosky**, Steven George (February 2014). Experimental Pain Sensitivity Subgroups in Individuals with Spine Pain: Potential Relevance to Short-term Clinical Outcome. Platform presentation at the American Physical Therapy Association Combined Sections Meeting in Las Vegas, Nevada.
 - **Joel Bialosky**, Maggie Horn, Steven George, Michael Robinson (February 2014). The Specific Effects of Spinal Manipulative Therapy on Pain Sensitivity, Clinical Outcomes, and Patient Satisfaction. Platform presentation at the American Physical Therapy Association Combined Sections Meeting in Las Vegas, Nevada.
 - Jason Beneciuk, **Joel Bialosky**, Trevor Lentz, Giorgio Zeppieri, Raine Osborne, Robert Rowe, Samuel Wu, Steven George (February 2014). Creation of the Orthopaedic Physical Therapy – Investigative Network (OPT-IN) for the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort Study. Platform presentation at the American Physical Therapy Association Combined Sections Meeting in Las Vegas, Nevada.
 - Steven George; Samuel Wu; **Joel Bialosky**; Giorgio Zeppieri; Trevor Lentz; Raine Osborne; Robert Rowe; Yunfeng Dai; Qinglin Pei; Jason Beneciuk (February 2015). A red flag screening tool for orthopaedic physical therapy settings: results from the Optimal Screening for Prediction of Referral and Outcome (OSPRO) cohort. Platform presentation at the American Physical Therapy Association Combined Sections Meeting in Indianapolis, IN.
 - Penny Goldberg; **Joel Bialosky**; Giorgio Zeppieri; Terese Chmielewski (February 2015). Kinesiophobia levels at initial evaluation in outpatient physical therapy. Platform presentation at the American Physical Therapy Association Combined Sections Meeting in Indianapolis, IN.
 - Mae Wileen Mercado; **Joel Bialosky**; Megan Herzwurm (February 2015). Psychologically Informed Practice in a Patient with Chronic Low Back Pain. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Indianapolis, IN.
 - Jessica Buckley; **Joel Bialosky** (February 2015). The Use of a Classification Approach to Guide the Rehabilitation of a Patient with Bilateral Adhesive Capsulitis of the Shoulder: A Case Study. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Indianapolis, IN.
 - Monica Lugo; Joel Bialosky; Megan Herzwurm (February 2015). Management of a Patient with Low Back Pain Fitting Multiple Treatment-Based Classification Categories: A Case Report. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Indianapolis, IN.
 - Kelly Delaney; Joel Bialosky (February 2015). Outcomes Associated with Femoral Nerve Block Following Total Knee Arthroplasty in the Acute Care Setting. A Comparative Observational Study. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Indianapolis, IN.
 - Jason Bouwkamp; Giorgio Zeppieri; **Joel Bialosky** (February 2015). Implementation of Shared Decision Making in the Physical Therapy Management of a Patient with Low Back Pain: A Case Study. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Indianapolis, IN.
 - Giorgio Zeppieri, **Joel Bialosky**, Steven George. (February 2016). Patient Centered Outcomes: Characterizing Patient Subgroups Based on Importance of Outcomes. Platform presentation at the American Physical Therapy Association Combined Sections Meeting in Anaheim, Ca.
 - Jeffrey Fernandez, **Joel Bialosky**, Giorgio Zeppieri, Michael Hodges, Timothy Shay (February 2016). Shared Decision Making in the Rehabilitation of an Individual with Neck Pain: A case study. Poster presentation at the American Physical Therapy Association Combined Sections Meeting in Anaheim, Ca.
 - Fredy Solis, Mark Bishop, **Joel Bialosky** (May 2016). Role of expectations in clinical outcomes in participants with neck pain. Poster presentation at the American Pain Society Annual Meeting in Austin, Texas.
 - Meryl Alappattu, **Joel Bialosky**, Chaz Gay, Mark Bishop (May 2016). Treatment preference, equipoise and expectations: what you expect is what you get. Poster presentation at the American Pain Society Annual Meeting in Austin, Texas.

International

- Anderson, R.J, Craggs, J.G., **Bialosky, J.E.**, Bishop, M.D., George, S.Z., Staud, R., Robinson, M.E.

(August 2012). Variability in response to a temporal summation of second pain protocol: Not everyone winds up. Poster presented at the 14th World Congress on Pain, Milan, Italy.

Invited

- Presentation at Neuronoons re: the mechanisms of manual therapy in the treatment of musculoskeletal pain, University of Florida, Gainesville, FL., July 2007, 2008
- Presented to the Northern Florida Gainesville Sub District Physical Therapy Association Meeting re: translating evidence into clinical practice 2/24/09
- Presented to the Florida Physical Therapy Association Northern District Super Meeting; "Embrace the pop" 3/4/09
- Presented to University of Florida Pain Special Interest Group 12/2009
- Presented to University of Florida Pain Journal Club 4/2010
- Presented 8 hour continuing education course "Implementing spinal thrust mobilization into clinical practice" as fund raiser for University of Florida Physical Therapy Nicaragua trip 1/2010
- Presented lecture to Shands Physical and Occupational Therapy Clinical Seminar Series "The specific effects of non-specific effects of interventions for musculoskeletal pain" 4/2010
- Keynote Speaker for the research day at the American Academy of Orthopedic and Manual Physical Therapists annual conference 10/2010 in San Antonio, Texas
- Invited presentation to University of St. Augustine faculty and residency program regarding pain and manual therapy 12/10/2010
- The Mechanisms of Manual Therapy in the Treatment of Musculoskeletal Pain. Oral presentation at the University of Florida Clinical and Translational Science Institute Research Day. June 2011
- University of Florida Department of Physical Therapy Rehabilitation Research Seminar, Placebo Mechanisms in Manual Therapy. 9/2011
- Presented 8 hour continuing education course "Evidence based integration of spinal thrust mobilization into physical therapy practice" as fund raiser for University of Florida Physical Therapy Nicaragua trip 6/2012
- Invited speaker International Massage Therapy Research Conference Boston, Massachusetts, 4/25/13
- Invited speaker Mississippi Physical Therapy Association Annual Conference, 9/14/13
- Keynote speaker for International Federation of Orthopedic and Manual Physical Therapists Conference. Glasgow, Scotland, 6/8/16.

POPULAR MEDIA

- Participant in Physical Therapy Journal podcast related to the management of musculoskeletal disorders 9/2010
- Participant in Physical Therapy Journal podcast related to the mechanisms of joint mobilization in the post-operative animal model of pain 3/2013

AWARDS

- Orthopaedic Section of the American Physical Therapy Association's James A. Gould Excellence in Teaching Orthopaedic Physical Therapy Award 2017
- Journal of Orthopedic and Sports Physical Therapy 2013 Excellence in Research Award
- American Physical Therapy Association's Margaret L. Moore Award for Outstanding New Academic Faculty Member 2013
- Journal of Manual and Manipulative Therapy 2011 John Medeiros Best Paper Award
- Journal of Orthopedic and Sports Physical Therapy 2009 Excellence in Research Award
- Accepted to attend 8th Annual Intensive Workshop on Grant Writing, Preparation, and Submissions in Rehabilitation Research (ERRIS), January 2010
- Rehabilitation Research Career Development Program K12 Scholar, January 2009 – Present
- National Institutes of Health Neuromuscular Plasticity Research Training Predoctoral Fellowship (T32 HD043730), University of Florida
- College of Public Health and Health Professions Dean's Scholar Award, May, 2008
- The Frederick Family Scholarship in Physical Therapy, May, 2007
- Outstanding Teaching Assistant Award, University of Florida, Department of Physical Therapy, July 2006

CERTIFICATIONS

- Fellowship in the American Academy of Orthopedic Manual Physical Therapists
- American Board of Physical Therapy Specialties Certified Clinical Specialist in Orthopaedic Physical Therapy
- American Physical Therapy Association Credentialed Clinical Instructor

- Certified Ergonomics Assessment Specialist

PROFESSIONAL ORGANIZATIONS

- American Physical Therapy Association
 - Research Section
 - Orthopedic Section
- American Academy of Orthopedic and Manual Physical Therapists
- American Pain Society

SERVICE

PROFESSIONAL

- Research committee member American Academy of Orthopedic and Manual Physical Therapists
- Grant reviewer American Academy of Orthopedic and Manual Physical Therapists 2011, 2015,2016
- Research Chairman Pain Medicine Special Interest Group of the Orthopedic Section of the American Physical Therapy Association
- Associate Editor Journal of Manual and Manipulative Therapy
- International Editorial Review Board Journal of Orthopaedic and Sports Physical Therapy
- Reviewed abstracts for American Physical Therapy Association Combined Sections 2008-2015 Annual Meeting
- Abstract reviewer IFOMPT 2012, 2016 the World Congress of Manual/Musculoskeletal Physiotherapy
- Abstract reviewer AAOMPT annual conference 2015
- Journal Reviewer
 - Clinical Journal of Pain
 - Disability and Rehabilitation
 - Health Expectations
 - Journal of Behavioral Medicine
 - Journal of Manual and Manipulative Therapy
 - Journal of Manual and Physiological Therapeutics
 - Journal of Orthopedic and Sports Physical Therapy
 - Journal of Orthopedic Research
 - Journal of Pain
 - Journal of Physical Therapy
 - Neurorehabilitation and Neural Repair
 - Physiotherapy
 - Physiotherapy Theory and Practice
- Grant Reviewer Swiss National Science Foundation
- Grant Reviewer Orthopedic Section American Physical Therapy Association 2014-2016
- Chair Grant Review Panel Orthopedic Section American Physical Therapy Association 2017

DEPARTMENTAL

- Marketing committee
- Fellowship committee
- Advertising task force
- Student clinical and competency task force
- Faculty run clinic task force
- Admissions committee
- Faculty Supervisor for student run equal access physical therapy clinic
- Faculty mentor for orthopedic resident research hours 2009-2014
- Abstract reviewer for PPHP research day 2009-2012
- Mentor for University of Florida Physical Therapy Evidence Based Practice III class 2009-2014
- Marshal 2008 - 2012 graduation at University and College level
- Faculty search committee 1/2012; 9/2012 x 2
- Dean's Citation Paper committee 9/12/12
- Presented by skype to FloridaLearns STEM Scholars regarding physical therapy as a career 10/16/12
- Poster judge Neuromuscular Plasticity Symposium 2013, 2017
- Utilization of CVS space committee 2014- present
- Curriculum Committee 2014- present
- Speaker at Health Career Convention regarding physical therapy as a profession to high school students and college freshman: 2/25/17

COLLEGE

- Financial aid and scholarship committee
- Faculty Council Member
- Faculty mentor undergraduate PPHP BHS Honors Program students research project
 - Alessandra Conto, 2011-2012
 - Title: The Effect of Expectation on Pain Relief in Individuals with Low Back Pain
 - April Swanstrom, 2011-2012
 - Title: Mechanisms of Responders to Spinal Manipulative Therapy
 - Rebecca Chavarria, 2012-2013
 - Patient and Physical Therapist Healthcare Expectations for Musculoskeletal Pain
 - Allyson Winepol 2015-2016
 - Title: Predictors of Pain Drawing Area Following Delayed Onset Muscle Soreness
 - Kim Fasano 2015-2016
 - Title: Self-Perception of Pain Tolerance Corresponds to Pain Sensitivity
 - Melissa Warnock 2015-2016
 - Title: Changes in the Physical Impairment Index Following a Delayed Onset Muscle Soreness Protocol
 - Sayeedah Juman 2015-2016
 - Title: Structural Correlates of Pressure Pain Sensitivity
 - Joseph Andreola 2015-2016
 - Title: Age Related Differences in Pain Sensitivity
 - Madison Pitrowski 2015-2016
 - Title: Socio-economic status Related Differences in Expectation and Therapeutic Alliance: A case series of participants with low back pain

UNIVERSITY

- Poster Judge, University of Florida Graduate Student Research Day. October 28, 2014.