

Jason M. Beneciuk, PT, DPT, PhD, MPH

Education

December 2011

Doctor of Philosophy (Rehabilitation Science)
College of Public Health & Health Professions
University of Florida

Dissertation: Investigation of the STarT Back Screening Tool in
Outpatient Physical Therapy Settings

Advisor: Steven George, PT, PhD, FAPTA

May 2011

Master of Public Health (Epidemiology Concentration)
College of Public Health & Health Professions
University of Florida

Project: Prevalence & Prognostic Factors of Musculoskeletal
Pain in Outpatient Physical Therapy

Advisor: Nabih Asal, PhD, FACE

August 2006

Orthopaedic Manual Physical Therapy Fellowship
University of St. Augustine for Health Sciences
American Academy of Orthopaedic Manual Physical Therapists
American Physical Therapy Association

December 2002

Doctor of Physical Therapy
University of St. Augustine for Health Sciences
Entry-Level Doctor of Physical Therapy Program

June 1996

Bachelor of Science (Biology)
Richard Stockton College of New Jersey
Program Distinction in Biology

Licensure

February 2003 – present

Licensed Physical Therapist
State of Florida

Employment

Research Positions

July 2023 – present

Research Associate Professor
Department of Physical Therapy
University of Florida
Gainesville, FL

September 2012 – June 2023

Research Assistant Professor
Department of Physical Therapy
University of Florida
Gainesville, FL

August 2016 – March 2023

Interim Director
Brooks Rehabilitation – College of Public Health & Health
Professions (University of Florida) Research Collaboration
Jacksonville, FL

CV-Beneciuk JM

January 2012 – present
Clinical Investigator
Brooks Rehabilitation – College of Public Health & Health Professions (University of Florida) Research Collaboration
Jacksonville, FL

Clinical Teaching Positions

July 2020 – present
Faculty
Physical Therapy Residency Program
UF Health Jacksonville
Jacksonville, FL

June 2009 – present
Faculty
Clinical Residency and Fellowship Programs
Brooks Rehabilitation Institute of Higher Learning
Jacksonville, FL

Clinical Positions

August 2006 – 2009
Physical Therapist (PRN)
Brooks Rehabilitation
Jacksonville, FL

September 2005 – August 2006
Physical Therapist (Fellow in Training)
Orthopaedic Manual Physical Therapy Fellowship
University of St. Augustine for Health Sciences
St. Augustine, FL

August 2005 – January 2006
Physical Therapist (PRN)
Rebound Rehabilitation
St. Augustine, FL

February 2003 – August 2005
Physical Therapist
Physiotherapy Associates
Cape Coral, FL

February 2003 – August 2005
Physical Therapist (PRN)
Southwest Florida Regional Medical Center
Fort Myers, FL

Peer Reviewed Publications

[My Bibliography - NCBI \(nih.gov\)](#)

1. Rhon DI, Greenlee TA, Poehlein E, **Beneciuk JM**, Green CL, Hando BR, Childs JD, George SZ. Effect of Risk-Stratified Care on Disability Among Adults With Low Back Pain Treated in the Military Health System: A Randomized Clinical Trial. *JAMA Netw Open*. 2023 Jul 3;6(7):e2321929. doi: 10.1001/jamanetworkopen.2023.21929. PMID: 37410465
2. Main CJ, Simon CB, **Beneciuk JM**, Greco CM, George SZ, Ballengee LA. The Psychologically Informed Practice (PiP) Consultation Roadmap: A Clinical Implementation Strategy. *Phys Ther*. 2023 May 9;. doi: 10.1093/ptj/pzad048. [Epub ahead of print] PubMed PMID: 37158465.

3. Main CJ, Ballengee LA, George SZ, **Beneciuk JM**, Greco CM, Simon CB. Psychologically Informed Practice (PiP): The Importance of Communication in Clinical Implementation. *Phys Ther*. 2023 May 5;. doi: 10.1093/ptj/pzad047. [Epub ahead of print] PubMed PMID: 37145093.
4. Buzzanca-Fried, K., Morgan-Daniel, J., Snyder, A., Bauer, R., Lahey, S., Addeo, R., Houck, Z., Perez, C., **Beneciuk, J**. PROTOCOL: Fear avoidance model psychological factors as predictors for persistent post-concussion clinical outcomes: An integrative review. *Campbell Syst Rev*. 2023 Mar 29;19(2):e1311. doi: 10.1002/cl2.1311. eCollection 2023 Jun. PMID: 37131460
<https://doi.org/10.1002/cl2.1311>
5. Schaefer N, Morgan-Daniel J, Struckmeyer LR, Myers CT, King L, Jeghers M, Medhizadah S, **Beneciuk J**. Librarian and Researcher Assessments of Search Result Relevance: How Well Do They Align?. *Med Ref Serv Q*. 2023 Apr-Jun;42(2):91-107. doi: 10.1080/02763869.2023.2193122. PMID: 37104262.
6. Wilson AT, Bishop MD, **Beneciuk JM**, Tilley HE, Riley JL 3rd, Cruz-Almeida Y, Bialosky JE. Expectations affect pain sensitivity changes during massage. *J Man Manip Ther*. 2023 Apr;31(2):84-92. doi: 10.1080/10669817.2022.2118449. Epub 2022 Sep 7. PMID: 36069038 Clinical Trial.
7. Wilson AT, Riley JL, Bishop MD, **Beneciuk JM**, Cruz-Almeida Y, Bialosky JE. Characteristics and Outcomes of Patients Receiving Physical Therapy for Low Back Pain with a Nociplastic Pain Presentation: A Secondary Analysis. *Pain Res Manag*. 2023 Mar 10;2023:5326261. doi: 10.1155/2023/5326261. eCollection 2023. PMID: 36935875
8. Wilson AT, Riley JL 3rd, Bishop MD, **Beneciuk JM**, Cruz-Almeida Y, Markut K, Redd C, LeBlond N, Pham PH, Shirey D, Bialosky JE. Pain phenotyping and investigation of outcomes in physical therapy: An exploratory study in patients with low back pain. *PLoS One*. 2023 Feb 14;18(2):e0281517. doi: 10.1371/journal.pone.0281517. eCollection 2023. PMID: 36787322
9. Roseen EJ, Smith CN, Essien UR, Cozier YC, Joyce C, Morone NE, Phillips RS, Gergen Barnett K, Patterson CG, Wegener ST, Brennan GP, Delitto A, Saper RB, **Beneciuk JM**, Stevans JM. Racial and Ethnic Disparities in the Incidence of High-Impact Chronic Pain Among Primary Care Patients with Acute Low Back Pain: A Cohort Study. *Pain Med*. 2023 Jun 1;24(6):633-643. doi: 10.1093/pm/pnac193. PMID: 36534910
10. Wilson AT, Bishop MD, **Beneciuk JM**, Tilley HE, Riley JL 3rd, Cruz-Almeida Y, Bialosky JE. Expectations affect pain sensitivity changes during massage. *J Man Manip Ther*. 2023 Apr;31(2):84-92. doi: 10.1080/10669817.2022.2118449. Epub 2022 Sep 7. PMID: 36069038
11. Buzzanca-Fried KE, Addeo R, Lahey SM, Houck Z, **Beneciuk JM**. Postconcussion Symptom Catastrophizing Scale: Preliminary Reliability and Validity Analysis of Cross-sectional Data. *Am J Phys Med Rehabil*. 2023 Feb 1;102(2):105-109. doi: 10.1097/PHM.0000000000002040. Epub 2022 Apr 26. PMID: 35473889
12. **Beneciuk JM**, George SZ, Patterson CG, Smith CN, Brennan GP, Wegener ST, Roseen EJ, Saper RB, Delitto A. Treatment effect modifiers for individuals with acute low back pain: secondary analysis of the TARGET trial. *Pain*. 2023 Jan 1;164(1):171-179. doi: 10.1097/j.pain.0000000000002679. Epub 2022 May 9. PMID: 35543647

13. Bialosky JE, Cleland JA, Mintken P, **Beneciuk JM**, Bishop MD. The healthcare buffet: preferences in the clinical decision-making process for patients with musculoskeletal pain. *J Man Manip Ther*. 2022 Apr;30(2):68-77. doi: 10.1080/10669817.2021.1989754. Epub 2021 Oct 17. PMID: 34657575
14. **Beneciuk JM**, Hagist BM, Osborne R, Crittenden J, Gao H, Wu S. APTA Neck and Low Back Pain Clinical Practice Guideline Implementation in Outpatient Physical Therapy: A Non-Randomized, Stepped Wedge Pilot Study. *J Orthop Sports Phys Ther*. 2022 Feb;52(2):113-123. doi: 10.2519/jospt.2022.10545. PMID: 35100820.
15. Cook CE, **Beneciuk JM**, George SZ. Procedural Drift: An Underappreciated Element of Clinical Treatment Fidelity. *J Orthop Sports Phys Ther*. 2022 Feb;52(2):63-66. doi:10.2519/jospt.2022.10961. PMID: 35100818
16. Butera KA, Fox EJ, Bishop MD, Coombes SA, **Beneciuk JM**, George SZ. Low Risk for Persistent Back Pain Disability Is Characterized by Lower Pain Sensitivity and Higher Physical Performance. *Phys Ther*. 2022 Mar 1;102(3):pzab283. doi: 10.1093/ptj/pzab283. PMID: 35079824
17. George SZ, Fritz JM, Silfies SP, Schneider MJ, **Beneciuk JM**, Lentz TA, Gilliam JR, Hendren S, Norman KS. Interventions for the Management of Acute and Chronic Low Back Pain: Revision 2021. *J Orthop Sports Phys Ther*. 2021 Nov;51(11):CPG1-CPG60. doi: 10.2519/jospt.2021.0304. PubMed PMID: 34719942.
18. Stearns ZR, Carvalho ML, **Beneciuk JM**, Lentz TA. Screening for Yellow Flags in Orthopaedic Physical Therapy: A Clinical Framework. *J Orthop Sports Phys Ther*. 2021 Sep;51(9):459-469. doi: 10.2519/jospt.2021.10570. PMID: 34465140
19. **Beneciuk JM**, Baker S, Tachibana B, Vickers R, Cristello S, Davis A. Psychologically Informed Practice: Three Low Back Pain Cases. *JOSPT Cases*. Published Online:16 Aug 2021 Volume1 Issue3 Pages126-198. <https://doi.org/10.2519/josptcases.2021.10008>
20. **Beneciuk JM**, Brown-Taylor L, Alodaibi F, Kareha S, Holmes R, Fritz J. Patient and Physical Therapist Level Predictors of Patient-Reported Therapeutic Alliance: An Observational, Exploratory Study of Knee and Low Back Pain Cohorts. *Arch Phys Med Rehabil*. 2021 Jul 17:S0003-9993(21)00506-2. doi: 10.1016/j.apmr.2021.05.018. Online ahead of print. PMID: 34283991
21. Wilson AT, Riley JL 3rd, Bishop MD, **Beneciuk JM**, Godza M, Cruz-Almeida Y, Bialosky JE. A psychophysical study comparing massage to conditioned pain modulation: A single blind randomized controlled trial in healthy participants. *J Bodyw Mov Ther*. 2021 Jul;27:426-435. doi: 10.1016/j.jbmt.2021.02.014. Epub 2021 Mar 6. PMID: 34391267
22. Delitto A, Patterson CG, Stevans JM, Freburger JK, Khoja SS, Schneider MJ, Greco CM, Freel JA, Sowa GA, Wasan AD, Brennan GP, Hunter SJ, Minick KI, Wegener ST, Ephraim PL, **Beneciuk JM**, George SZ, Saper RB. Stratified care to prevent chronic low back pain in high-risk patients: The TARGET trial. A multi-site pragmatic cluster randomized trial. *EClinicalMedicine*. 2021 Mar 30;34:100795. doi: 10.1016/j.eclinm.2021.100795. eCollection 2021 Apr. PMID: 33870150
23. Stevans JM, Delitto A, Khoja SS, Patterson CG, Smith CN, Schneider MJ, Freburger JK, Greco CM, Freel JA, Sowa GA, Wasan AD, Brennan GP, Hunter SJ, Minick KI, Wegener ST, Ephraim PL, Friedman M, **Beneciuk JM**, George SZ, Saper RB. Risk Factors Associated With Transition From Acute to Chronic Low Back Pain in US Patients Seeking Primary Care. *JAMA Netw Open*. 2021 Feb 1;4(2):e2037371. doi: 10.1001/jamanetworkopen.2020.37371. PMID: 33591367

24. Alodaibi F, **Beneciuk J**, Holmes R, Karehla S, Hayes D, Fritz J. The Relationship of Therapeutic Alliance to Patient Characteristics and Functional Outcome During an Episode of Physical Therapy Care for Patients With Low Back Pain: An Observational Study. *Phys Ther*. 2021 Jan 29:pzab026. doi: 10.1093/ptj/pzab026. Online ahead of print. PMID: 33513231
25. **Beneciuk JM**, George SZ. Adding Physical Impairment to Risk Stratification Improved Outcome Prediction in Low Back Pain. *Phys Ther*. 2021 Jan 4;101(1):pzaa179. doi: 10.1093/ptj/pzaa179. PMID: 32970820
26. **Beneciuk JM**, Verstandig D, Taylor C, Scott D, Levin J, Osborne R, Bialosky JE, Lentz TA, Buck T, Davis AL, Harder C, Beneciuk MB, Wittmer V, Sylvester J, Rowe R, McInnes D, Fisher TP, McGarrie L. Musculoskeletal pain stakeholder engagement and partnership development: determining patient-centered research priorities. *Res Involv Engagem*. 2020 Jun 1;6:28. doi: 10.1186/s40900-020-00192-8. eCollection 2020. PMID: 32514375
27. Finucane LM, Downie A, Mercer C, Greenhalgh SM, Boissonnault WG, Pool-Goudzwaard AL, **Beneciuk JM**, Leech RL, Selfe J. International Framework for Red Flags for Potential Serious Spinal Pathologies. *J Orthop Sports Phys Ther*. 2020 May 21:1-23. Online ahead of print. PMID: 32438853
28. George SZ, Lentz TA, **Beneciuk JM**, Bhavsar NA, Mundt JM, Boissoneault J. Framework for Improving Outcome Prediction for Acute to Chronic Low Back Pain Transitions. *Pain Rep*. 2020 Mar 4;5(2):e809. PMID: 32440606.
29. Lentz TA, Harman JS, Marlow NM, **Beneciuk JM**, Fillingim RB, George SZ. Factors associated with persistently high-cost health care utilization for musculoskeletal pain. *PLoS One*. 2019 Nov 11;14(11):e0225125. doi: 10.1371/journal.pone.0225125. eCollection 2019. PMID: 31710655
30. Viti JA, **Beneciuk JM**. Management of acute neck pain: A case series describing immediate and short term clinical outcomes following use of the Multifidus Isometric Technique. *J Bodyw Mov Ther*. 2019 Oct;23(4):888-893. doi: 10.1016/j.jbmt.2019.02.008. Epub 2019 Feb 7. PMID: 31733778
31. Lentz TA, Marlow NM, **Beneciuk JM**, Fillingim RB, George SZ. Comorbidity Subgroups Among Medicare Beneficiaries Seeking Health Care for Musculoskeletal Pain. *J Gerontol A Biol Sci Med Sci*. 2019 Jul 12;74(8):1310-1315. doi: 10.1093/gerona/gly202. PMID: 30165549
32. Delitto A, Patterson CG, Stevans JM, Brennan GP, Wegener ST, Morrisette DC, **Beneciuk JM**, Freel JA, Minick KI, Hunter SJ, Ephraim PL, Friedman M, Simpson KN, George SZ, Daley KN, Albert MC, Tamasy M, Cash J, Lake DS, Freburger JK, Greco CM, Hough LJ, Jeong JH, Khoja SS, Schneider MJ, Sowa GA, Spigle WA, Wasan AD, Adams WG, Lemaster CM, Mishuris RG, Plumb DL, Williams CT, Saper RB. Study protocol for targeted interventions to prevent chronic low back pain in high-risk patients: A multi-site pragmatic cluster randomized controlled trial (TARGET Trial). *Contemp Clin Trials*. 2019 May 25. pii: S1551-7144(19)30032-1. doi: 10.1016/j.cct.2019.05.010. PMID: 31136834
33. **Beneciuk JM**, George SZ, Greco C, Schneider M, Wegener ST, Saper R, Delitto A. Targeted Interventions to Prevent Chronic Low Back Pain in High Risk Patients: Development and Delivery of a Pragmatic Training Course of Psychologically Informed Physical Therapy for the TARGET Trial. *Trials*. 2019 May 6;20(1):256. doi: 10.1186/s13063-019-3350-3. PMID: 31060589.

34. **Beneciuk JM**, Ballengee LA, George SZ. Treatment monitoring as a component of psychologically informed physical therapy: a case series of patients at high risk for persistent low back pain related disability. *Musculoskelet Sci Pract*. 2019 Jun;41:36-42. doi: 10.1016/j.msksp.2019.03.004. Epub 2019 Mar 19. PMID: 30909109.
35. Langer L, Osborne R, Rowe RH, **Beneciuk JM**. Laser Proprioception Testing and Training for Rotator Cuff Tendinopathy: Two Case Reports. *Physiother Theory Pract*. 2019 Jan 24;1-9. doi: 10.1080/09593985.2019.1571141. [Epub ahead of print] PMID: 30676184
36. Lentz TA, **Beneciuk JM**, George SZ. Prediction of healthcare utilization following an episode of physical therapy for musculoskeletal pain. *BMC Health Serv Res*. 2018 Aug 20;18(1):648. doi: 10.1186/s12913-018-3470-6. PMID: 30126409
37. Bishop MD, **Beneciuk JM**, Alappattu MJ, Bialosky JE. Experience matters: post-intervention expectations predict post-intervention hypoalgesia. *Physical Medicine and Rehabilitation Research*. DOI: 10.15761/PMRR.1000180
38. George SZ, **Beneciuk JM**, Lentz TA, Wu SS, Dai Y, Bialosky JE, Zeppieri G Jr. Optimal Screening for Prediction of Referral and Outcome (OSPRO) for Musculoskeletal Pain Conditions: Results from the Validation Cohort. *J Orthop Sports Phys Ther*. 2018 Jun;48(6):460-475. doi: 10.2519/jospt.2018.7811. Epub 2018 Apr 7. PMID: 29629615
39. Joyce CT, Schneider MJ, Stevans JM, **Beneciuk JM**. Improving Physical Therapy Pain Care, Quality, and Cost through Effectiveness-Implementation Research. *Phys Ther*. 2018 May 1;98(5):447-456. PMID: 29669090
40. **Beneciuk JM**, Lentz TA, He Y, Wu SS, George SZ. Prediction of Persistent Musculoskeletal Pain at 12 Months: A Secondary Analysis of the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Longitudinal Validation Cohort Study. *Phys Ther*. 2018 May 1;98(5):290-301. PMID: 29669081
41. Bialosky JE, **Beneciuk JM**, Bishop MD, Coronado RA, Penza CW, Simon CB, George SZ. Unraveling the Mechanisms of Manual Therapy: Modeling an Approach. *J Orthop Sports Phys Ther*. 2018 Jan;48(1):8-18. PMID: 29034802
42. George SZ, **Beneciuk JM**, Lentz TA, Wu SS. The Optimal Screening for Prediction of Referral and Outcome (OSPRO) in patients with musculoskeletal pain conditions: a longitudinal validation cohort from the USA. *BMJ Open*. 2017 Jun 8;7(6):e015188. PMID: 28600371
43. Bishop MD, Bialosky JE, Penza CW, **Beneciuk JM**, Alappattu MJ. The influence of clinical equipoise and patient preferences on outcomes of conservative manual interventions for spinal pain: an experimental study. *J Pain Res*. 2017 Apr 26;10:965-972. PMID: 28490899
44. Neville CE, **Beneciuk J**, Bishop M, Alappattu M. Analysis of Physical Therapy Intervention Outcomes for Urinary Incontinence in Women Older Than 65 Years in Outpatient Clinical Settings. *Top Geriatr Rehabil*. 2016 Oct-Dec;32(4):251-257. PMID: 28484306
45. **Beneciuk JM**, Hill JC, Campbell P, Afolabi E, George SZ, Dunn KM, Foster NE. Identifying Treatment Effect Modifiers in the STarT Back Trial: A Secondary Analysis. *J Pain*. 2017 Jan;18(1):54-65. PMID: 27765643

46. Lentz TA, **Beneciuk JM**, Bialosky JE, Zeppieri G Jr, Dai Y, Wu SS, George SZ. Development of a Yellow Flag Assessment Tool for Orthopaedic Physical Therapists: Results from the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort. *J Orthop Sports Phys Ther*. 2016 May;46(5):327-43. PMID: 26999408
47. Butera KA, Lentz TA, **Beneciuk JM**, George SZ. Preliminary Evaluation of a Modified STarT Back Screening Tool Across Different Musculoskeletal Pain Conditions. *Phys Ther*. 2016 Aug;96(8):1251-61. PMID: 26847006
48. Alappattu M, Neville C, **Beneciuk JM**, Bishop MD. Urinary incontinence symptoms and impact on quality of life in patients seeking outpatient physical therapy services. *Physiother Theory Pract*. 2016 Feb;32(2):107-12. PMID: 26863987
49. Bishop MD, Torres-Cueco R, Gay CW, Lluch-Girbés E, **Beneciuk JM**, Bialosky JE. What effect can manual therapy have on a patient's pain experience? *Pain Manag*. 2015;5(6):455-64. PMID: 26401979
50. 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. *J Orthop Sports Phys Ther*. 2015 Jul;45(7):512-26. PMID: 25996361
51. **Beneciuk JM**, George SZ. Pragmatic Implementation of a Stratified Primary Care Model for Low Back Pain Management in Outpatient Physical Therapy Settings: Two-Phase, Sequential Pilot Study. *Phys Ther*. 2015 Aug;95(8):1120-34. PMID: 25858972
52. George SZ, **Beneciuk JM**. Psychological predictors of recovery from low back pain: a prospective study. *BMC Musculoskelet Disord*. 2015 Mar 7;16(1):49. PMID: 25849159
53. **Beneciuk JM**, Robinson ME, George SZ. Subgrouping For Patients With Low Back Pain: A Multidimensional Approach Incorporating Cluster Analysis & The STarT Back Screening Tool. *J Pain*. 2015 Jan;16(1):19-30. PMID: 25451622
54. **Beneciuk JM**, Fritz JM, George SZ. STarT Back Screening Tool for Prediction of 6 Month Clinical Outcomes: Relevance of Change Patterns in Outpatient Physical Therapy Settings. *J Orthop Sports Phys Ther*. 2014 Sep;44(9):656-64. PMID: 25098194.
55. Salvatori R, Osborne R, Rowe RH, **Beneciuk JM**. Use of Thoracic Spine Thrust Manipulation for Neck Pain and Headache in a Patient Following Multiple-level Anterior Cervical Discectomy and Fusion: A Case Report. *J Orthop Sports Phys Ther*. 2014 Jun;44(6):440-9. PMID: 24816502.
56. Massey BJ, Osborne R, Rowe RH, **Beneciuk JM**. Recognition and management of BPPV for an elderly female patient referred for low back pain: a resident's case study. *Physiother Theory Pract*. 2014 Mar 6. PMID: 24597728
57. Nisenzon AN, George SZ, **Beneciuk JM**, Wandner LD, Torres C, Robinson ME. The role of anger in psychosocial subgrouping for patients with low back pain. *Clin J Pain*. 2013 Nov 25. PMID: 24281272.
58. **Beneciuk JM**, Bishop MD, Fritz JM, Robinson ME, Asal NR, Nisenzon AN, George SZ. The STarT Back Screening Tool and Individual Psychological Measures: Evaluation of Prognostic Capabilities

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for Low Back Pain Clinical Outcomes in Outpatient Physical Therapy Settings. *Phys Ther.* 2013 Mar;93(3):321-33. PMID: 23125279

59. **Beneciuk JM**, Robinson ME, George SZ. Low back pain subgroups using fear-avoidance model measures: results of a cluster analysis. *Clin J Pain.* 2012 Oct;28(8):658-66. PMID: 22510537
60. Bishop MD, **Beneciuk JM**, George SZ. Immediate reduction in temporal sensory summation after thoracic spinal manipulation. *Spine J.* 2011 May;11(5):440-6. PMID: 21463970
61. Fritz JM, **Beneciuk JM**, George SZ. Relationship between categorization with the STarT Back Screening Tool and prognosis for people receiving physical therapy for low back pain. *Phys Ther.* 2011;91(5):722-732. PMID: 21451094
62. George SZ, Coronado RA, **Beneciuk JM**, Valencia C, Werneke MW, Hart DL. Depressive symptoms, anatomical region, and clinical outcomes for patients seeking outpatient physical therapy for musculoskeletal pain. *Phys Ther.* 2011 Mar;91(3):358-72. PMID: 21233305
63. George SZ, Calley D, Valencia C, **Beneciuk JM**. Clinical investigation of pain related fear and pain catastrophizing for patients with low back pain. *Clin J Pain.* 2011 Feb;27(2):108-15. PMID: 20842009
64. **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 Aug;15(4):370-5. PMID: 20359935
65. George SZ, Valencia C, **Beneciuk JM**. A psychometric investigation of fear-avoidance model measures in patients with chronic low back pain. *J Orthop Sports Phys Ther.* 2010;40(4): 197-205. PMID: 20357418
66. **Beneciuk JM**, Bishop MD, George SZ. Effects of upper extremity neural mobilization on thermal pain sensitivity: a sham controlled study in asymptomatic participants. *J Orthop Sports Phys Ther.* 2009;39(6): 428-438. PMID: 19487826
67. **Beneciuk JM**, Bishop MD, George SZ. Clinical Prediction Rules for physical therapy interventions: a systematic review. *Phys Ther.* 2009;89(2):114-124. PMID: 19095806

Peer Reviewed Publications – In Preparation/Review

1. Joyce C, Patterson CG, Smith CN, Roseen EJ, **Beneciuk JM**, Delitto A, Saper RB, Stevens J. Patterns of care and 6-month outcomes in acute low back pain patients seen in primary care: principal components analysis (in review).
2. **Beneciuk JM**, Michener L, Sigman E, Harrison T, Buzzanca-Fried K, Lu X, Shan G, Hill. Validation of the Keele STarT MSK Tool for Patients with Musculoskeletal Pain in Outpatient Physical Therapy Settings (in review).

Peer Reviewed Commentary

1. Fritz JM, **Beneciuk JM**, George SZ. On “Relationship between categorization with the STarT Back Screening Tool...” *Phys Ther.* 2011;91(5):733-734; author response 735-736.

2. George SZ, **Beneciuk JM**, Bishop MD. On “Clinical Prediction Rules for Physical Therapy Interventions...” *Phys Ther*. 2009;89(4):394-395; author response 394-395.

Other Publications

1. Godges JJ, Norman KS, George SZ, Julie M. Fritz JM, Silfies SP, Schneider M, **Beneciuk JM**, Lentz TA, Gilliam JR. Low Back Pain Decision Tree. *Orthopaedic Physical Therapy Practice*. 2022;34(1):262-267. <https://www.orthopt.org/content/publications>

Published Abstracts

1. **J Beneciuk**, L Michener, E Sigmund, T Harrison, K Buzzanca, J Hill. Validity of the Keele STarT MSK Tool in Outpatient Physical Therapy Settings (OPL60). *J Orthop Sports Phys Ther* 2023;53(2):CSM1–CSM27. <https://www.jospt.org/doi/10.2519/jospt.2023.53.2.CSM1>
2. T Gunderson, J **Beneciuk**, J Bialosky, H Russell, T Chmielewski. Physical Therapists’ Readiness to Manage Fear of Reinjury after Anterior Cruciate Ligament Reconstruction (OPL27). *J Orthop Sports Phys Ther* 2023;53(2):CSM1–CSM27. <https://www.jospt.org/doi/10.2519/jospt.2023.53.2.CSM1>
3. A Wilson, J Riley, M Bishop, **J Beneciuk**, Y Cruz-Almeida, K Markut, C Redd, N LeBlond, P Pham, D Shirey, J Bialosky. Pain Phenotyping in Outpatient Orthopaedic Physical Therapy: Characterization of Subgroups and Examination of Clinical Outcomes (OPO117). *J Orthop Sports Phys Ther* 2023;53(2):CSM55–CSM146. <https://www.jospt.org/doi/10.2519/jospt.2023.53.2.CSM55>
4. S Wang, J Auwaerter, W Fortney, J Bradshaw J, **J Beneciuk**. Impact of Psychologically Informed Practice Quality Improvement Initiative on Patient Reported Function Outcomes: Retrospective Analysis (OPO201). *J Orthop Sports Phys Ther* 2023;53(2):CSM55–CSM146. <https://www.jospt.org/doi/10.2519/jospt.2023.53.2.CSM55>
5. D Haladay, **J Beneciuk J**, Z Morris. Improved Functional Outcomes Using Goal Attainment Scaling Versus Standard Care for Patients with Chronic Low Back Pain (OPO231). *J Orthop Sports Phys Ther* 2023;53(2):CSM55–CSM146. <https://www.jospt.org/doi/10.2519/jospt.2023.53.2.CSM55>
6. S Sheikh, J Brailsford, N Spindle, P Hendry, M Patel, RL Moorman, B Johnson, **J Beneciuk**, T Munson. Developing an Older Adult Focused Integrative Pain Management Education Program During the COVID-19 Pandemic. IASP 2022 World Congress on Pain. Toronto, Canada. September 19-23, 2022.
7. **J Beneciuk**, S George, C Smith, C Patterson, R Saper, A Delitto. Identifying Treatment Effect moderators in the TARGET Trial: A Secondary Analysis. *J Pain* 2021; 22 (5), 586-587. <https://doi.org/10.1016/j.jpain.2021.03.038>
8. **J Beneciuk**, L Michener, E Sigman, T Harrison, K Buzzanca, J Hill, K Dunn. Preliminary Validity of the Newly Developed Keele STarT MSK Tool: A Cross-sectional Analysis. *J Orthop Sports Phys Ther* 2020;51(13):CSM1–CSM23. <https://doi.org/10.2519/jospt.2021.51.1.CSM1>
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76. George S, Wittmer V, **Beneciuk J**, Fillingim R, Robinson M. The influence of negative mood and pain catastrophizing on outcomes from a chronic pain rehabilitation program. *J Pain*, abstracted 2008.
77. Robinson M, Wittmer V, George S, **Beneciuk J**, Fillingim R. Opioids for chronic pain: to wean or not to wean. *J Pain*, abstracted 2008.
78. **Beneciuk J**, Viti J, Baldwin T. The use of passive slump stretching as an intervention in the treatment of a patient with signs and symptoms consistent with adverse neural tension: a case report. *J Man Manip Ther*, abstracted 2006.

Research Presentations at Professional Meetings

National Presentations

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|---------------|---|
| February 2023 | Validity of the Keele STarT MSK Tool in Outpatient Physical Therapy Settings. <u>Platform presentation</u> at APTA Combined Sections Meeting, San Diego, CA. |
| February 2021 | Preliminary Validity of the Newly Developed Keele Start MSK Tool: A Cross-Sectional Analysis, <u>Platform presentation</u> at virtual APTA Combined Sections Meeting. |
| December 2020 | Identifying Treatment Effect moderators in the TARGET Trial: A Secondary Analysis. <u>Poster presentation</u> at virtual US Association for the Study of Pain (USASP) Inaugural Conference |
| May 2020 | Implementation of Clinical Practice Guidelines for Neck and Low Back Pain in Outpatient Physical Therapy: Impact on Clinician Behaviors and Perspectives. <u>Poster presentation</u> at CoHSTAR 2020 Implementation Science Virtual Institute |
| February 2020 | Physical Impairment and Performance Based Low Back Pain Subgroups for Enhanced Prognostic Clinical Decision Making. <u>Platform presentation</u> at APTA Combined Sections Meeting, Denver, CO |
| January 2019 | Changes in Clinician Attitudes, Beliefs, and Confidence about Low Back Pain Management: Results from a TARGET Trial Psychologically Informed Physical Therapy Training Course. <u>Platform presentation</u> at APTA Combined Sections Meeting, Washington, DC |
| January 2019 | Psychologically Informed Practice for Physical Therapy Management of Patients with Low Back Pain: Preliminary Outcomes of a System-Wide Quality Improvement Initiative. <u>Poster presentation</u> at APTA Combined Sections Meeting, Washington, DC |
| October 2018 | Musculoskeletal Pain Research Partnership: The Long Winding Infrastructure and Capacity Building Road. <u>Platform presentation</u> at ACRM Annual Conference, Progress in Rehabilitation Research, Dallas TX. |
| February 2018 | Prediction of Persistent Musculoskeletal Pain at 12 Months: A Secondary Analysis of the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Validation Cohort Study. <u>Platform presentation</u> at APTA Combined Sections Meeting, New Orleans, LA |

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October 2017	Standardizing data collection of patient-reported outcomes for quality improvement. Health Services Research Efforts within the ACRM: Part I. <u>Platform presentation</u> at ACRM Annual Conference, Progress in Rehabilitation Research, Atlanta, GA.
October 2017	Utilizing Patient Activation Measures to Identify High Risk Patients in Medicare Bundled Payment Models. <u>Platform presentation</u> at ACRM Annual Conference, Progress in Rehabilitation Research, Atlanta, GA.
May 2017	Changes in physical therapist attitudes, beliefs, and confidence about low back pain management following participation in a Psychologically Informed Physical Therapy (PIPT) training course. <u>Poster presentation</u> at Annual Scientific Meeting of the American Pain Society, Pittsburgh, PA.
February 2017	Psychologically Informed Physical Therapy: Describing Treatment Monitoring for High Risk Low Back Pain. <u>Poster presentation</u> at APTA Combined Sections Meeting, San Antonio, TX.
June 2016	Identifying treatment effect modifiers for low back pain prognostic stratified care: secondary analysis of the Start Back trial. <u>Poster presentation</u> at CoHSTAR Summer Institute on Health Services Research, Boston, MA.
February 2015	Implementation of STarT Back approach for low back pain management in outpatient physical therapy settings: a non-randomized, parallel cohort study. <u>Poster presentation</u> at APTA Combined Sections Meeting, Indianapolis, IN.
February 2015	Development of a yellow flag screening tool for orthopaedic physical therapy settings: results from the optimal screening for prediction of referral and outcome (OSPRO) cohort. <u>Poster presentation</u> at APTA Combined Sections Meeting, Indianapolis, IN.
February 2014	Changes in physical therapist attitudes and beliefs about low back pain management following study related educational training. <u>Platform presentation</u> at APTA Combined Sections Meeting, Las Vegas, NV.
February 2014	Creation of the orthopaedic physical therapy investigative network for the optimal screening for prediction of referral and outcome cohort study. <u>Platform presentation</u> at APTA Combined Sections Meeting, Las Vegas, NV.
May 2013	Prediction and clinical outcome implications of sustained STarT high-risk status following 4-weeks of physical therapy for low back pain. <u>Poster presentation</u> at the Annual Scientific Meeting of the American Pain Society, New Orleans, LA
May 2013	Opioid wean does not increase chronic pain. <u>Poster presentation</u> at the Annual Scientific Meeting of the American Pain Society, New Orleans, LA
January 2013	The STarT Back Screening Tool: construct validity incorporating cluster analysis. <u>Platform presentation</u> at the APTA Combined Sections Meeting, San Diego, CA

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January 2013	The STarT Back Screening Tool and individual psychological measures: prognostic indicator or treatment monitoring for low back pain clinical outcomes. <u>Platform presentation</u> at the APTA Combined Sections Meeting, San Diego, CA
February 2012	Decreases in depressive symptoms reflect improvements in musculoskeletal pain and functional status outcomes across different anatomical locations. <u>Platform presentation</u> at the APTA Combined Sections Meeting, Chicago, IL
May 2011	The fear-avoidance model of musculoskeletal pain and low back pain subgrouping: results of a cluster analysis. <u>Poster presentation</u> at the Annual Scientific Meeting of the American Pain Society, Austin, TX
February 2011	Treatment-based classification subgroups among STarT Back Screening Tool risk categories in patients seeking outpatient physical therapy. <u>Platform presentation</u> at the APTA Combined Sections Meeting, New Orleans, LA
October 2010	Changes in expectation following application of intervention: results of a secondary analysis. <u>Platform presentation</u> at the Annual AAOMPT Conference, San Antonio, TX
February 2010	Immediate effects of thoracic spine manipulation on thermal pain sensitivity. <u>Platform presentation</u> at the APTA Combined Sections Meeting, San Diego, CA
February 2009	Clinical Prediction Rules for Physical Therapy Interventions: A Systematic Review. <u>Platform presentation</u> at the APTA Combined Sections Meeting, Las Vegas, NV
November 2008	Effects of upper extremity neural mobilization on thermal pain sensitivity: a sham controlled study in asymptomatic participants. <u>Platform presentation</u> at the Annual AAOMPT Conference, Seattle, WA
May 2008	Influence of negative mood and pain catastrophizing on outcomes from a chronic pain rehabilitation program. <u>Poster presentation</u> at the Annual Scientific Meeting of the American Pain Society, Tampa, FL
October 2006	Use of passive slump stretching as an intervention in the treatment of a patient with signs and symptoms consistent with adverse neural tension: a case report. <u>Poster presentation</u> at the Annual AAOMPT Conference, Charlotte, NC
<u>Regional Presentations</u>	
June 2021	Best Practice for Musculoskeletal Pain: Optimizing Patient-Centered Care at Brooks Rehabilitation. Virtual presentation: Brooks-PHP Collaboration Research Connection, Jacksonville, FL.
March 2019	Risk Stratified Physical Therapy for Low Back Pain. Primary Care Innovations, University of Florida, Gainesville, FL – with Sabrina Wang, PT, DPT, OTR
March 2019	Patient Partners Prefer Preferences: Shared Decision Making for Low Back Pain. Primary Care Innovations, University of Florida, Gainesville, FL

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September 2016	Standardization of a Patient Reported Outcome Measures Data Collection Process in an Outpatient Physical Therapy Setting: Description of a Quality Improvement Project. <u>Poster presentation</u> at the 2016 FPTA Annual Conference. Orlando, FL
April 2014	Stratified care approach for low back pain. Spring 2014 Rehabilitation Science Seminar, University of Florida, Gainesville, FL
March 2013	Musculoskeletal Pain Research at Brooks Rehabilitation: the Past, the Present, and Future Opportunities. Brooks Rehabilitation, Jacksonville, FL (1.5 CEH)
October 2012	Research and Clinical Practice: “Building Blocks” for a Collaborative & Translational Research Program. <u>Platform presentation</u> at the 2012 Brooks Rehabilitation Research Day, Jacksonville, FL – with Emily Fox, PT, PhD
October 2011	Psychological screening for individuals with low back pain: methods, measures & collaborative efforts. <u>Platform presentation</u> at the 2011 Brooks Rehabilitation Research Day, Jacksonville, FL
October 2011	Patient satisfaction and clinical outcomes at 4-weeks: the importance of measuring multiple domains. <u>Poster presentation</u> at the 2011 Brooks Rehabilitation Research Day, Jacksonville, FL
March 2011	The fear-avoidance model and low back pain subgrouping: results of a cluster analysis. <u>Poster presentation</u> at the 24 th Annual Research Fair, College of Public Health & Health Professions, University of Florida, Gainesville, FL
March 2011	Changes in depressive symptoms reflect changes in pain and functional outcomes. <u>Platform presentation</u> at the 6 th Annual Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL
December 2010	Prevalence and prognostic factors of musculoskeletal pain in outpatient physical therapy. <u>Platform presentation</u> at Public Health Day: FALL 2010, University of Florida, Gainesville, FL
August 2010	Changes in expectation of pain-relief following the application of physical therapy interventions. <u>Platform presentation</u> at NeuroNoons, University of Florida, Gainesville, FL
April 2010	Further analysis of fear-avoidance measures for patients with low back pain. <u>Poster presentation</u> at the 23 rd Annual Research Fair, College of Public Health & Health Professions, University of Florida, Gainesville, FL
March 2010	Immediate effects of thoracic spinal manipulation on temporal summation: an experimental study of regional specificity. <u>Platform presentation</u> at the 5 th Annual Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL
April 2009	Pain catastrophizing predicts pain intensity during a neurodynamic test for the median nerve. <u>Poster presentation</u> at the 22 nd Annual Research Fair, College of Public Health & Health Professions, University of Florida, Gainesville, FL

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December 2008	Effects of upper-thoracic manual therapy intervention on sensation perception: a preliminary analysis. <u>Platform presentation</u> at the 4 th Annual Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL
October 2008	Psychosocial predictors of pain reporting during provocative clinical testing. <u>Poster presentation</u> at Pain Research Day, University of Florida, Gainesville, FL
April 2008	Neural mobilization and thermal pain sensitivity: a preliminary analysis. <u>Poster presentation</u> at the PHHP 21 st Annual Research Fair, College of Public Health & Health Professions, University of Florida, Gainesville, FL
January 2008	Neural mobilization and thermal pain sensitivity: a preliminary analysis. <u>Poster presentation</u> at the 3 rd Annual Neuromuscular Plasticity Symposium, University of Florida, Gainesville, FL

Invited Presentations at Professional Meetings

February 2023	Eugene Michels Research Forum: Psychological Factors in Physical Therapy, Are We Encroaching Boundaries of Practice? (with: T Lentz, E Field-Fote, D Reisman, J Fritz, S Kantak). Eugene Michels Research Forum, APTA Combined Sections Meeting, San Diego, CA
October 2022	Patient reported outcomes for patients with chronic pain: what is appropriate, what is relevant? Intermountain Rehabilitation Services 5th Annual ROMS Outcomes Conference, Salt Lake City, UT
November 2021	Psychologically Informed Practice for Musculoskeletal Pain: Implementation in Real-World Physical Therapy Clinical Practice. Florida Physical Therapy Association, Southwest District, Florida Gulf Coast University, Fort Myers, FL
October 2021	<i>Keep Talking</i> : Closing the Loop on Patient-Centered Communication. Keynote Presentation at AAOMPT Annual Conference, Cleveland, OH
October 2021	<i>Blinded by The Light</i> : Personal Testimonial to Impact of Mentorship. Physical Therapy Innovations Talk at AAOMPT Annual Conference, Cleveland, OH
April 2021	Consumer Informatics and Digital Inclusion: Implications for Research on Engagement (Margo Edmunds, PhD). Learning Health Systems Rehabilitation Research Network (LeaRRn) Virtual Webinar (discussant with: J Freburger)
October 2020	Emerging Concepts and Evidence Basis Behind Novel Approaches to Managing Chronic Spinal Pain. ACRM Annual Conference, Progress in Rehabilitation Research, Virtual Platform (with: A Suputtitada, T Annaswamy, D Lester, R Trainer, A Heapy)
September 2019	Interdisciplinary Spine Forum: Psychologically Informed Spine Practice: A Learning Experience. North American Spine Society Annual Meeting, Chicago, IL (with: C Main, G Whitcomb, S Weiser, T Wetzell)

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May 2019	Implementation of Clinical Practice Guidelines for Neck and Low Back Pain in Outpatient Physical Therapy Settings. CoHSTAR – Implementation Science; A New Frontier for Rehabilitation. Providence, RI
March 2019	Risk Stratified Care for Low Back Pain: Lessons Learned from Training Courses and Quality Improvement Initiatives. Michigan Physical Therapy Association Pain Summit, Ypsilanti, MI
April 2018	Put Psychologically Informed Practice into Action – Tips for Exercise and Activity Prescription. APTA Annual Orthopaedic Section Meeting, Baltimore, MD (with: S George)
February 2018	Spotlight on Research: Let's Talk About Pain Studies and Clinical Implications. APTA Combined Sections Meeting, New Orleans, LA (with: S George, D White, J Bialosky)
November 2017	Managing Pain with the Help of a Physical Therapist. Pain Care for Primary Care Conference, San Francisco, CA
November 2017	Back Pain Case Study: A Patient's Journey – Perspectives from a Primary Care Physician, a Physical Therapist, and a Surgeon. Pain Care for Primary Care Conference, San Francisco, CA
August 2017	Managing Pain with the Help of a Physical Therapist. Pain Care for Primary Care Conference, Orlando, FL
August 2017	Back Pain Case Study: A Patient's Journey – Perspectives from a Primary Care Physician, a Physical Therapist, and a Surgeon. Pain Care for Primary Care Conference, Orlando, FL
June 2017	Rothstein Roundtable: Does Physical Therapy Need an Industrial Revolution? APTA NEXT Annual Conference, Boston, MA (with: A Delitto, R Saper, A Goode, J Irrgang)
April 2017	Dissemination and Implementation of Clinical Outcome Measures. ROMS Conference, Intermountain Healthcare, Salt Lake City, UT
July 2016	Psychologically Informed Physical Therapy: Clinical Implications for Low Back Pain Management. Invited presentation at National Association of Orthopedic Technologists Annual Clinical Symposium, Jacksonville, FL
December 2014	Evaluation & Implementation of a Prognostic Risk Stratification Model for Physical Therapy Management of LBP. University of St. Augustine Residency and Fellowship Invited Speaker Series. St. Augustine, FL
September 2012	Implementation and utilization of clinical outcome measures for musculoskeletal pain conditions in physical therapy practice. FPTA Annual Conference, Daytona Beach, FL
December 2010	Pain & Manual Therapy: A proposed model, study results, and future implication. University of St. Augustine Orthopaedic Manual Therapy

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Fellowship Program Invited Speaker Series, St. Augustine, FL (co-presenter: J Bialosky)

Educational Presentations

February 2023	Bridging Research to Practice: Lessons Learned from CPG Implementation Pilots in the Clinical Setting (with: M Carvalho, K Pruka, M Ramirez, M Horn, D Clewley, M Brian Hagist). APTA Combined Sections Meeting, San Diego, CA.
November 2022	Emerging Concepts and Evidence Basis behind Novel Approaches to Managing Chronic Spinal Pain. Two-day instructional course, virtual presentation at American Congress of Rehabilitation Medicine (ACRM) Annual Conference, Chicago, IL (with: A Suputtitada, T Annaswamy, A Vora, M Doyle, B Chin, J Eubanks, N Sasson, D Lester).
November 2022	Improving Implementation and Interpretation of Patient Reported Outcome Measures for Musculoskeletal Pain: Warmed Up, Ready, and Waiting in the Bullpen. Virtual presentation: Brooks-PHHP Collaboration Research Connection, Jacksonville, FL (with J Bialosky, C Cook, S George)
February 2021	Optimizing the Therapeutic Alliance through Motivational Interviewing and Patient-Reported Outcome Measures: Patient-Centered Physical Therapy. Virtual APTA Combined Sections Meeting (with: J. Fritz, S. Kareha, R. Holmes and F. Alodaibi)
October 2020	Implementation Science: 50,000 Foot View. Brooks Rehabilitation Advanced Practice Series, Jacksonville, FL (1.5 CEH)
March 2020	Optimizing Therapeutic Alliance through Motivational Interviewing and Patient Reported Outcome Measures, St. Luke's Physical Therapy, Bethlehem, PA (with: J. Fritz and F. Alodaibi)
February 2020	Cultivating Academic and Health System Research Collaboration: Beauty is in the Eye of the Beholder. APTA Combined Sections Meeting, Denver, CO (with: A. Middleton, R. Coronado, M. Friedman, B. Hagist, E. Monsch, L. Resnik)
January 2019	Risk stratification and targeted treatment for low back pain. St. Vincent's HealthCare Family Medicine Residency Program, Jacksonville, FL
October 2018	Shared Decision Making: Time to Consider Patient Values and Preferences. St. Vincent's HealthCare Family Medicine Residency Program, Jacksonville, FL
September 2018	Psychologically Informed Physical Therapy: Clinical Application for Patients with Musculoskeletal Pain. UF Health – Jacksonville Rehabilitation Services, Jacksonville, FL.
November 2017	Overview of Musculoskeletal Pain: Highlighting Treatment Interventions for Chronic Pain. Brooks Rehabilitation, Institute of Higher Learning, Jacksonville, FL (with: M. Bishop, A. Davis, V. Wittmer)

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March 2017	Shared Decision Making. Brooks Rehabilitation Advanced Practice Series, Jacksonville, FL
March 2017	Motivational Interviewing. Brooks Rehabilitation Advanced Practice Series, Jacksonville, FL
October 2015	How health services research can ensure rehabilitation aligns with objectives of healthcare reform. American Congress of Rehabilitation Medicine Annual Conference, Dallas, TX (with: A. Deutsch, N. Leland, P. Roberts, N. Flinn, T. Reistetter, J. Graham, T. Mallinson).
June 2015	Psychological Informed Physical Therapy Practice: Low Back Pain. American Physical Therapy Association NEXT Conference, National Harbor, MD (with: S George & C Greco). (0.9 CEUs)
March 2015	Musculoskeletal Pain: From Science to Stratified Care. Florida Physical Therapy Association Spring Conference, Orlando, FL (co-presenter: S George).
October 2014	Prediction-enhanced clinical reasoning: what's the prognosis? AAOMPT Annual Conference, San Antonio, TX (co-presenter: A Thackeray)
June 2014	Brooks Rehabilitation Research Mentoring Program: Poster Development and Presentation. (co-presenter: E Fox)
October 2013	Balanced orthopaedic practice in an unbalanced EBP world. AAOMPT Annual Conference, Cincinnati, OH (co-presenters: J Bialosky and R Salvatori)
September 2012-2014	Neural mobilization for musculoskeletal pain: research & clinical application. Brooks Rehabilitation clinical education course, Jacksonville, FL (8 CEH)
September 2012	Geriatric Pain (for LIFE study participants). Brooks Rehabilitation, Jacksonville, FL (co-presenter: L Shaw)
June 2012	Evidence based integration of spinal thrust mobilization into physical therapy practice. University of Florida, Department of Physical Therapy, Gainesville, FL (8 CEH) (co-presenters: J Bialosky; R Coronado; C Simon)
May 2012	Dissemination & Presentation of Research Findings. Brooks Rehabilitation Advanced Practice Series, Jacksonville FL (1.5 CEH)
March 2012-2014	Is this article going to help my patient? Brooks Rehabilitation Advanced Practice Series, Jacksonville, FL (1.5 CEH)
March 2012-2015	Utilization of Outcome Measures. Brooks Rehabilitation Advanced Practice Series, Jacksonville, FL (1.5 CEH)
March 2012-2015	Outcome Measures: Friend or Foe? Brooks Rehabilitation Advanced Practice Series, Jacksonville, FL (1.5 CEH)

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- March 2010 Low Back Pain: The role of psychological factors in physical therapy settings. Brooks Rehabilitation Research Seminar Series, Jacksonville, FL (2.5 CEH) (co-presenter: S George)
- January 2010 Implementing spinal mobilization into clinical care: a guide for the practicing clinician emphasizing thrust techniques. University of Florida, Department of Physical Therapy, Gainesville, FL (8 CEH) (co-presenter: J Bialosky)
- April 2009 Embrace the Pop: integrating thrust manipulation into the treatment of spinal pain. Florida Physical Therapy Association – Northern District Meeting, St. Augustine, FL (2.5 CEH) (co-presenter: J Bialosky)

Textbook Chapters

Beneciuk JM, George SZ, Jones MA. Assessment, Reasoning and Management of Psychological Factors. Chapter 4 in *Musculoskeletal Practice in Clinical Reasoning in Musculoskeletal Practice*, 2nd Edition. Elsevier Health Sciences, London, England (UK). Editors: Mark A Jones, Darren A Rivett (2019). ISBN: 9780702059766

Continuing Education Products

1. K Markut, G Zeppieri, **J Beneciuk**. Treatment of Patients with Musculoskeletal Pain Guided by Psychologically Informed Practice Principles. Independent Study Course. American Physical Therapy Association, Academy of Orthopaedic Physical Therapy.
2. **J Beneciuk**. Psychologically Informed Practice: Implementing a New Model of Patient Care. Provider and Patient Skills Training: Motivating Behavior Change and Making It Stick (Module 6). North American Spine Society. Released May 1, 2023. [NASS: PIP \(2023\)](#)
3. **J Beneciuk**. Psychologically Informed Practice: Implementing a New Model of Patient Care. Psychosocial Predictors, Moderators and Mediators: Impact on Outcomes and Chronic Spine Disability (Module 8). North American Spine Society. Released May 1, 2023. [NASS: PIP \(2023\)](#)

Webinars and Podcasts

1. **J Beneciuk** and J Godges. Pushing the Boundaries Between Psychology & PT – Where to Begin & Where to End. AAOMPT Practice Affairs Committee sponsored educational webinar. Moderator: J Magel. May 26, 2022. [Link](#)
2. **J Beneciuk**. Implementing Quality Research into Quality Clinical Practice. JOSPT Insights (Episode 47), 2021. Moderator: CL Ardern, Editor-in-Chief JOSPT. [Link](#)
3. R Osborne R and **J Beneciuk**. Clinical Research. Brooks Rehabilitation Podcast (Episode 11). Moderator: T Davis. December 3, 2020. [Link](#)
4. L Stone. Chronic Low Back Pain: Preclinical and Clinical Perspectives. PainResearchForum.org webinar. Moderator: H Langevin; Panelists: **Beneciuk J**; Seminowicz D; Steinberg C. September 25, 2015. [Link](#)
5. C Behrend C and **J Beneciuk**. Low Back Pain: Lifestyle and Prognostic Factors. The Journal of Bone

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& Joint Surgery and Journal of Orthopaedic and Sports Physical Therapy – Joint Webinar. Moderator: GG Simoneau, Editor-in-Chief JOSPT; Commentators: EN Hanley and CE Cook. May 28, 2015

Ongoing Research Support

CoHSTAR Faculty Fellowship 8/1/2023 – 7/31/2025
Foundation of Physical Therapy Research Center of Excellence in Physical Therapy Health Services and Health Policy Research and Training Grant (CoHSTAR).

1R01AT012229-01 (J. Magel – PI) 01/01/2023 – 11/30/2025
National Institutes of Health
National Center for Complementary & Integrative Health (NCCIH)
Physical Therapy Integrated with Mindfulness for Patients with Chronic Musculoskeletal Pain and Long-Term Opioid Treatment
Physical therapy with integrated mindfulness (PT-IN-MIND) could play an important role in combating chronic musculoskeletal pain and the opioid crisis. PT-IN-MIND will directly address the NCCIH strategic objective of integrating complementary and conventional care by combining mindfulness and physical therapy. We will examine the feasibility of this intervention in preparation for a future fully powered clinical trial that fully engages physical therapists to deliver evidence-based treatments for chronic pain and long-term opioid treatment.
Role: Co-Investigator (site PI)

Completed Research Support

Quality of Patient Care Grant (S. Sheikh – PI) 11/15/2019 – 11/14/2022
Florida Blue Foundation
The Aging and Integrative Pain Management Initiative
This initiative is modeled using recommendations from the 2009 Institute of Medicine (IOM) Summit on Integrative Medicine and the Health of the Public and the World Health Organization calling for an integrative approach to pain management to engage the full range of established health factors- physical, psychological, social, preventative, and therapeutic. This integrative approach will involve multidisciplinary teams working in concert to improve patient outcomes and mitigate risk compared to conventional methods, which have failed in adequately managing pain for many patients.
Role: Co-Investigator

New Investigator Grant (T. Gunderson – PI) 02/2020 – 02/2021
Academy of Orthopaedic Physical Therapy
Physical Therapists' Readiness for Change in the Management of Fear of Re-injury after ACL Reconstruction
This study will determine the readiness and deficits of physical therapists for using a Psychologically Informed Practice (PIP) approach to manage fear of re-injury after ACLR based on their awareness, beliefs and current clinical behaviors. The central hypothesis is that most physical therapists are in a Pre-Contemplation Stage of using a PIP approach to manage fear of re-injury after ACLR due to a lack of awareness of PIP methods and discordant beliefs and clinical behaviors.
Role: Co-Investigator

Orthopaedic Research Grant (Beneciuk – PI) 01/01/2019 – 12/31/2021
Foundation for Physical Therapy Research
Discriminant and Predictive Validity Assessment of the Keele STarT MSK Tool for Patients with Musculoskeletal Pain in Outpatient Physical Therapy Settings

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This study will investigate the discriminant and predictive validity of a newly developed screening measure (Keele STarT MSK tool). Discriminant validity of the Keele STarT MSK tool will be assessed for intake pain (pain intensity, pain interference), physical health, mental health, psychological factors, comorbidity, and region-specific disability across common MSK pain conditions (i.e., neck, low back, upper extremity, lower extremity, or multiregional pain). Predictive validity of the new tool will be assessed for pain intensity, physical health, mental health, and region-specific disability outcome measure scores at 8 weeks and 6 months.

Role: Principal Investigator

CoHSTAR Pilot Study Program (Beneciuk – PI)

02/15/18 – 04/30/2020

Center on Health Services Training and Research

Health System Implementation of Clinical Practice Guidelines for Neck and Low Back Pain in Outpatient Physical Therapy Settings

This study will investigate implementation of a process to enhance Clinical Practice Guideline (CPG) adherence to limit unwarranted variability in initial treatment decisions with high potential for providing more effective and efficient physical therapy management for patients with neck and low back pain. This study, conducted at Brooks Rehabilitation outpatient clinics, will determine if physical therapy clinics that receive neck and low back pain CPG training are associated with improved patient outcomes compared to those that have not received training.

Role: Principal Investigator

PCS-1402-10867

(Delitto – PI)

07/01/2015 – 06/30/2020

Patient-Centered Outcomes Research Institute

Comparing Two Approaches to Prevent Long-Term Low Back Pain in High-Risk Patients - The TARGET Trial

This study will evaluate the transition from acute to chronic low back pain and compare two treatments that can be delivered in an outpatient PCP setting. The first approach is to allow PCPs to do what they think is best, termed “usual care.” The second is to have PCPs team up with physical therapists and deliver cognitive behavioral therapy for selected patients who have LBP along with risk factors for persistent low back pain.

Role: Co-Investigator

Pipeline to Proposal (Tier II) (Beneciuk – Project Lead) 08/01/2017 – 07/31/2018

Patient-Centered Outcomes Research Institute (Project #5137554)

‘As a Matter of Pain’ – Capacity Building & Community Engagement for Patient Centered Musculoskeletal Pain Research (Tier II)

During Tier I, we have generated a preliminary list of musculoskeletal pain-focused comparative effectiveness research ideas including strategies to improve (1) secondary prevention, (2) tertiary prevention, (3) communication following discharge from healthcare services, and (4) shared decision making. During this Tier II project, we will continue to develop stakeholder partnerships, enhance our communication plan, and provide several skill-building workshops to improve our capabilities for developing a viable comparative effectiveness research question.

Role: Project Lead

Pipeline to Proposal (Tier I) (Beneciuk – Project Lead) 08/01/2016 – 05/31/2017

Patient-Centered Outcomes Research Institute (Project #5137554)

‘As a Matter of Pain’ – Capacity Building & Community Engagement for Patient Centered Musculoskeletal Pain Research (Tier I)

This project will focus on building the community and capacity to improve patient healthcare experiences for musculoskeletal pain with specific emphasis on the role of physical therapy and identifying processes in care most important to key stakeholders.

Role: Project Lead

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Clinical Research Network Grant (George – PI) 01/01/2013 – 01/31/2017
Orthopaedic Section of the American Physical Therapy Association
Creation of the Orthopaedic Physical Therapy – Investigative Network (OPT-IN) for the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort Study
This study has two goals: 1) creation of OPT-IN which will advance the profession by allowing for collaboration on high impact clinical research questions that inform orthopaedic physical therapy practice; 2) completion of the OSPRO cohort study to validate national standard screening tools for red and yellow flags which will enhance patient classification for commonly treated orthopaedic conditions.
Role: Co-Investigator

Cardon Research Grant (Beneciuk – PI) 2014 – 2017
American Academy of Orthopaedic Manual Physical Therapists (AAOMPT)
Mid-Thoracic Spine Thrust Manipulation for Individuals Status Post-Surgical Cervical Fusion
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.
Role: Principal Investigator

K12-HD055929 (Ottenbacher – PI) 09/28/2013 – 08/17/2016
National Institutes of Health
Rehabilitation Research Career Development Program
The goal of this program is to prepare Scholars, trained Physical Therapists and Occupational Therapists, to initiate successful and independent careers as rehabilitation researchers.
Role: Scholar

Brooks Collaborative Grant (Beneciuk – PI) 01/15/2012 – 01/15/2014
Brooks Rehabilitation
Implementing Psychologically Informed Practice Principles into Physical Therapy Management for Low Back Pain: Effects of Clinician Training & Comparison of Treatment Approaches
The purpose of this study is to investigate if psychologically informed practice training influences PT attitudes and beliefs about psychosocial prognostic factors for LBP and is associated with improved patient outcomes.
Role: Principal Investigator

Brooks Research Grant (Beneciuk & George – Co-PI) 01/04/2010 – 12/30/2014
University of Florida & Brooks Rehabilitation Endowment
Investigation of the STarT Back Screening Tool in Physical Therapy Settings
This study investigates the discriminant and predictive validity of the STarT Back Screening Tool for identifying psychosocial distress and poor outcomes for conservative physical therapy management of low back pain.
Role: Co – Principal Investigator

T32 HD043730 (Vandenborne – PI) 09/05/2008 – 09/04/2011
National Institutes of Health
Neuromuscular Plasticity Research Training Pre-Doctoral Fellowship, University of Florida
The goal of this program is to provide pre-doctoral trainees with the foundation and skills needed to become independent investigators and future leaders in rehabilitation research.
Role: Trainee

Additional Post-Doctoral Training

- July – November 2015 Intermountain Healthcare
Advanced Training Program in Health Care Delivery Improvement
Salt Lake City, UT
- February 2015 Keele University
External Visiting Research Fellowship (mentor: Jonathan Hill, PT, PhD)
Keele, Staffordshire, United Kingdom

Honors and Awards

- 2021 JOSPT George J. Davies – James A. Gould Excellence in Clinical Inquiry Award
2021 Eugene Michels New Investigator Award, American Physical Therapy Association
2019 Dean's Citation Paper Award, College of PHHP, University of Florida
2018 Chattanooga Research Award, American Physical Therapy Association
2011 Supplemental Retention Program Award, Graduate School, University of Florida
2011 American Pain Society Young Investigator Travel Award
2010 Frederick Family Scholarship, Rehabilitation Science Doctoral Student Award, Physical Therapy Department, University of Florida
2008 University of Florida Graduate Student Council Travel Grant
2008 University of Florida PHHP Graduate Research Grant
2006 Most Outstanding Poster Presentation, Annual AAOMPT Conference, Charlotte, NC
2006 Fellowship in the American Academy of Orthopedic Manual Physical Therapists

Teaching Experience

University of Florida

Lead Instructor (2016-present) – DPT Program
Evidence-Based Practice I

Co-Instructor (2013-present) – DPT Program
Evidence-Based Practice II

Lead Instructor (2012-2015) – DPT Program
Professional Issues I

Teaching Assistant (2007-2011) – DPT Program
Evidence-Based Practice I, II, III

Teaching Assistant (2007-2008) – DPT Program
Musculoskeletal I, Musculoskeletal II, Examination & Evaluation, Motor-Control I

Brooks Rehabilitation Institute of Higher Learning Clinical Residency & Fellowship Program

Lecturer (2009-present) – Residency Program

- *Case Reports and Professional Presentations*
- *Scholarly Integration II: Evidence-Based Practice (Diagnosis & Prognosis)*
- *Scholarly Integration III: Evidence-Based Practice (Intervention & Outcome Measures)*
- *Pain & Rehabilitation: Clinical Implications*
- *Quality Improvement and Implementation Science*

Lecturer (2009-present) – Orthopaedic Manual Physical Therapy Fellowship Program

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- *Scholarly Integration: Literature Appraisal*

Clinical Mentor (2009-2010) – Orthopaedic Clinical Residency Program

Clinical Mentor (2010-2014) – Orthopaedic Manual Physical Therapy Fellowship Program

University of St. Augustine for Health Sciences

Teaching Assistant (2005-2006) – DPT Program

Spinal Evaluation & Manipulation, Massage & Soft-Tissue Palpation, Gross Anatomy Lab

Advisement

Doctoral Supervisory Committees

Katherine E. Buzzanca-Fried (2020-current)

MULTIFACTORIAL PREDICTORS OF PERSISTING SYMPTOMS AFTER CONCUSSION IN REHABILITATION SETTINGS

University of Florida, College of Public Health and Health Professions, Rehabilitation Science

Advisory role: committee chair

Abigail Wilson (2018-2021)

A MECHANISTIC BASED APPROACH TO PAIN MANAGEMENT

University of Florida, College of Public Health and Health Professions, Rehabilitation Science

Advisory role: committee member

Jennifer Hurrell (2018-2019)

PHYSICAL THERAPIST ASSISTANT AND OCCUPATIONAL THERAPY ASSISTANT STUDENTS' KNOWLEDGE, BELIEFS, AND TREATMENT ORIENTATION, BEFORE AND AFTER ONLINE PAIN EDUCATION

University of St. Augustine for Health Sciences, Doctor of Education

Advisory role: committee member

Trevor Lentz (2013-2017)

ADVANCING THE UNDERSTANDING OF HEALTHCARE UTILIZATION AND COSTS AMONG PATIENTS WITH MUSCULOSKELETAL PAIN

University of Florida, College of Public Health and Health Professions, Rehabilitation Science

Advisory role: committee member

Sandra Brown (2013-2017)

EXAMINATION OF THE APPLICATION OF APPLIED BEHAVIOR ANALYSIS PRINCIPLES ON A CHILD'S PARTICIPATION IN REHABILITATION FROM THE PERSPECTIVE OF THE THERAPIST

University of Florida, College of Public Health and Health Professions, Rehabilitation Science

Advisory role: committee member

Craig P. Goldberg (2016-2017)

EFFECTS OF EDUCATIONAL MODULES AND SKILLS TRAINING ON ATTITUDES AND BELIEFS OF PHYSICAL THERAPY STUDENTS REGARDING CHRONIC BACK PAIN

University of St. Augustine for Health Sciences, Doctor of Education

Advisory role: committee member

Doctoral student mentor – Completed Undergraduate Honors Theses

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Kacie Smith (University of Florida, 2008)

Title: The influence of psychological variables on neural mobilization outcomes

College: Public Health & Health Professions

Anthony Laurretta (University of Florida, 2008)

Title: Neural mobilization: effects on range of motion and sensory reporting

College: Public Health & Health Professions

Service

Review for Scholarly Journals

2019-present	Editorial Board Member: <i>Physical Therapy</i>
2016-present	International Editorial Review Board Member: <i>Journal of Orthopaedic and Sports Physical Therapy</i>
Ad hoc Reviewer:	<i>Musculoskeletal Science and Practice, BMC Health Services Research, BMC Musculoskeletal Disorders, Pain, Journal of Pain, Clinical Journal of Pain, J Pain Res</i>

Professional Service

2023	Reviewer, NIH Special Emphasis Panel: EPPIC-Net preliminary applications
2023	Member, LeaRRn Forum Planning Committee
2022	Reviewer, National Institutes of Health, NCCIH
2018-2019	Member, American College of Physicians Pain Management Learning Hub Advisory Committee
2017-present	Member, APTA Orthopaedic Section External Grant Review Committee
2016-2021	Member, APTA Orthopaedic Section, Low Back Pain CPG Workgroup
2013-2015	Mentor, APTA Orthopaedic Section Pilot Mentorship Program
2013-2014	Member, AAOMPT Research Committee
2011-2012	Contributor, APTA Orthopaedic Section, Low Back Pain CPG Workgroup
2011-present	Reviewer, APTA Combined Sections Meeting abstracts (Orthopaedic Section)
2008-2013	Associate Faculty Member, Musculoskeletal Pain & Analgesia, Faculty of 1000 Medicine (11 evaluations)

College Service

2021-2022	Faculty Facilitator, Collaborative Approaches to the Opioid Crisis
2014-2020	Faculty Member, College Curriculum Committee
2010-2011	Faculty Member, Interdisciplinary Family Health Course
	College of Public Health and Health Professions, University of Florida
2008	Student Representative, Council on Education for Public Health Accreditation
	College of Public Health and Health Professions, University of Florida

Department Service

2023-present	Faculty Member, DPT Outcomes and Quality Improvement Steering Committee
2023-present	Coordinating Writer, 2024 DPT CAPTE Accreditation Report (Standard 2)
2021-2022	Faculty Mentor, Physical Therapy Equal Access Clinic
2020-2021	Faculty Member, DPT Admissions Committee
2019-present	Faculty Member, EBP Curriculum Track
2013-present	Faculty Member, DPT Curriculum Committee
2013-present	University of Florida Representative, Research Intensive Programs in Physical Therapy (RIPPT) Consortium of the Academic Council

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Other Service

2020	Reviewer, FOTO D.L. HART Memorial Outcomes Research Grant
2012-2013	Member, Local Scientific Advisory Committee, Brooks Rehabilitation
2011-present	Member, Clinical Outcome Measures Task Force, Brooks Rehabilitation

Community Service

2011-2017	Coach, Julington Creek Athletic Association
2018-2019	Coach, Creeks Baseball Club

Professional Memberships

2020-present	Member, United States Association for the Study of Pain
2018-present	Member, International Association for the Study of Pain
2012-present	Member, Research Section, American Physical Therapy Association
2008-2019	Member, American Pain Society
2005-present	Member, American Academy of Orthopaedic Manual Physical Therapists
2003-present	Member, Orthopaedic Section, American Physical Therapy Association
2000-present	Member, Florida Physical Therapy Association
2000-present	Member, American Physical Therapy Association

Certification

2006	Fellowship in Manual Therapy, University of St. Augustine for Health Sciences
2004	Manual Therapy Certification, University of St. Augustine for Health Sciences