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WHAT IS A DOCTOR OF ATHLETIC TRAINING?

The Doctor of Athletic Training (DAT) is the terminal degree in Athletic Training and is for those who want to develop into advanced practice clinicians and research professionals. The University of Idaho (UI) DAT graduate has completed advanced athletic training coursework, original research, and a dissertation in the discipline of athletic training. During the program at UI, DAT students also complete mentored clinical residency experiences. These experiences are focused on reflective patient-care, integration of new clinical philosophies, and the collection and analysis of patient outcomes to improve clinical practice. As part of the UI curriculum, students establish a Plan of Advanced Practice (PoAP) that serves as a critical self-reflection of their current practice and as a framework for advanced practice focus areas, continued professional development, and research pursuits. The DAT student will also complete a Dissertation of Clinical Practice Improvement (DoCPI), which provides the opportunity for the student to study their patient care and a problem in professional practice. The DoCPI is designed to allow the student to produce an original, applied research project that contributes to the improvement of clinical practice in healthcare.

Upon earning the highest degree in the profession, the DAT graduate embarks on the path of the expert scholarly practitioner in their chosen focus areas. A UI DAT graduate has the skill set to conduct applied research, treat patients using multiple paradigms, and combines various rehabilitative theories to produce meaningful and effective patient-centered care. Participating in purposeful clinical practice, DAT graduates produce practice-based evidence and helps close the “research loop” by translating “research-to-practice” and “practice-to-research.” A UI DAT graduate does not identify as either a clinician or a researcher; instead, this graduate is empowered to serve in both roles. The combination of advanced clinical skill, a priori clinical practice, and research training prepares the DAT graduate to be an integral part of the inter-professional healthcare and translational research team. The DAT graduate is uniquely prepared to advance clinical practice, improve patient outcomes, produce applied research, and train future expert clinicians.

University of Idaho
A LEGACY OF LEADING

Turn to the back for a small sampling of the most recent publications and presentations by DAT graduates and cohort members.

Professional Scholarship

Recent Peer-Reviewed Publications

1. Rhinehart AJ, Schroeder KM, May J, Baker R, Nasypany AM. Movement assessment: techniques and possible integration into clinical practice. (In Press – International Journal of Athletic Therapy and Training).
2. Rhinehart AJ. Effective Treatment of an Apparent Meniscal Injury Using the Mulligan Concept. (In Press - Journal of Sports Medicine and Allied Health Sciences: The Official Journal of the Ohio Athletic Trainers' Association).
3. McMurray J, Landis S, Linger K, Baker RT, Nasypany A, & Seegmiller J. Comparison and review of indirect myofascial release therapy, instrument assisted soft tissue mobilization, and active release techniques to inform clinical decision-making. (In Press – International Journal of Athletic Therapy and Training).
4. Brody K, Baker RT, Nasypany, A, & May J. The myokinesthetic system, part 1: a clinical assessment and matching treatment intervention. (In Press– International Journal of Athletic Therapy and Training).
5. Brody K, Baker RT, Nasypany A, & Seegmiller JG. Treatment of meniscal lesions using the mulligan "squeeze" technique: a case series. (In Press – International Journal of Athletic Therapy and Training).
6. Brody K, Baker RT, Nasypany A, & Seegmiller JG. Meniscal lesions: The evidence for the physical examination and conservative treatment. (In Press – International Journal of Athletic Therapy and Training).
7. May J, Krzyanowicz R, Nasypany A, Seegmiller JG, & Baker RT. Mulligan concept usage and clinical program from the perspective of American certified Mulligan practitioners. (In Press - Journal of Sport Rehabilitation).
8. Loutsch RA, Baker RT, May JM, & Nasypany AM. (2015). Reactive neuromuscular training results in immediate and long-term improvements of measures of hamstring flexibility: a case report. *International Journal of Sport Physical Therapy*, 10(3):371-377.
9. Thompson MA, Lee SS, Seegmiller J, McGowan CP. (2015). Kinematic and kinetic comparison of barefoot and shod running in mid/forefoot and rearfoot strike runners. *Gait & Posture*, 41:957-959.
10. Krzyanowicz R, Baker RT, Nasypany A, & Seegmiller JG. (2015). Patient outcomes utilizing the selective functional movement assessment and mulligan mobilizations with movement on recreational dancers with sacroiliac joint pain. *International Journal of Athletic Therapy and Training*, 20(3):31-37.
11. Seegmiller JG, Nasypany A, Kahanov L, Seegmiller J, & Baker RT. (2015). Trends in doctoral education among health professions: An integrative review. *Athletic Training Education Journal*, 10(1):47-56.
12. Matocha M, Baker RT, Nasypany A, & Seegmiller JG. (2015). Effects of neuromobilization on tendinopathy: Part 2. *International Journal of Athletic Therapy and Training*, 20(2), 41-47.
13. Matocha M, Baker RT, Nasypany A, & Seegmiller JG. (2015). Effects of neuromobilization on tendinopathy: Part 1. *International Journal of Athletic Therapy and Training*, 20(2), 36-40.
14. Eusea J, Nasypany A, Seegmiller JG, & Baker RT. (2015). Utilizing Mulligan sustained natural apophyseal glides (SNAGS) within a clinical prediction rule for treatment of low back pain (LBP) in a secondary school football player. *International Journal of Athletic Therapy and Training*, 20(1), 18-24.
15. Thompson MA, Gutmann A, Seegmiller J, & McGowan CP. (2014). The effect of stride length on the dynamics of barefoot and shod running. *Journal of Biomechanics*, 47:2745-2750.
16. Warren L, Baker RT, Nasypany A, & Seegmiller JG. (2014). Core concepts: Understanding the complexity of the spinal stabilizing system in local and global injury prevention and treatment. *International Journal of Athletic Therapy and Training*, 19(6), 28-33.
17. Gamma SC, Baker RT, Iorio S, Nasypany A, & Seegmiller JG. (2014). A Total Motion Release warm-up improves dominant arm shoulder internal and external rotation in baseball players. *International Journal of Sport Physical Therapy*, 9(4), 509-517.
18. Mau H, & Baker RT. (2014). A modified mobilization with movement to treat a lateral ankle sprain. *International Journal of Sport Physical Therapy*, 9(4), 540-548.
19. Baker RT, Van Riper M, Nasypany A, & Seegmiller JG. (2014). Evaluation and treatment of apparent reactive tendinopathy of the biceps brachii. *International Journal of Athletic Therapy and Training*, 19(4), 14-21.

20. Baker RT, Nasypany A, Seegmiller JG, & Baker JG. (2013). Instrument-assisted soft tissue mobilization treatment for tissue extensibility dysfunction. *International Journal of Athletic Therapy and Training*, 18(5), 16-21.
21. Johnston K, Baker RT, & Baker JG. (2013). Use of auscultation and percussion to evaluate a suspected fracture. *International Journal of Athletic Therapy and Training*, 18(3), 1-6.
22. Baker RT, Nasypany A, Seegmiller JG, & Baker JG. (2013). Treatment of acute torticollis using positional release therapy: Part 2. *International Journal of Athletic Therapy and Training*, 18(2), 38-43.
23. Baker RT, Nasypany A, Seegmiller JG, & Baker JG. (2013). Treatment of acute torticollis using positional release therapy: Part 1. *International Journal of Athletic Therapy and Training*, 18(2), 34-37.
24. Baker RT, Nasypany A, Seegmiller JG, & Baker JG. (2013). The mulligan concept: Mobilizations with movement. *International Journal of Athletic Therapy and Training*, 18(1), 34-38.
25. Baker RT, Sanchez BJ, Cady AC, & Zinder SM. (2012). Repetitive nonunion fracture of the tibia and fibula in a soccer player. *International Journal of Athletic Therapy and Training*, 17(1), 29-35.

Recent Peer-Reviewed National Presentations

1. Chapman E, Hansen-Honeycutt J, Schroeder K, Patterson R, Cramer J, & Bonser R. (June 2015). Breathing pattern disorders: A missing link in the orthopedic evaluation process. Accepted Learning Lab at the National Athletic Trainers' Association 66th Clinical Symposia, St. Louis, MO.
2. Baker RT, Warren L, Nasypany A, Bonser B, Hancock C, Hansberger B, Loutsch R, Stanford E, & Zeigel A. (June 2015). Apparent hamstring tightness: Removing stretching from your daily practice. Accepted Learning Lab at the National Athletic Trainers' Association 66th Clinical Symposia, St. Louis, MO.
3. Graham V. (June 2015). Moving beyond rest: Targeted treatment and rehabilitation after concussion. Accepted Learning Lab Presentation at the National Athletic Trainers' Association 66th Clinical Symposia, St. Louis, MO.
4. Hancock CL, Nasypany A, Baker R, & May J. (May 2015). Acute pain and dysfunction of shoulder musculature – football strong safety. Accepted Podium Presentation at the American College of Sports Medicine Annual Meeting, San Diego, CA.
5. Hansberger BL, Baker RT, Nasypany A, May J, & Seegmiller J. (May 2015). Neurodynamics and bilateral medial tibial stress syndrome – track. Accepted Podium Presentation at the American College of Sports Medicine Annual Meeting, San Diego, CA.
6. Fyock M, & Warren L. (June 2014). Regional interdependence: Looking beyond the location of pain by assessing movement dysfunction. Podium Presentation at the National Athletic Trainers' Association 65th Clinical Symposia, Indianapolis, IN.
7. Graham VL, & Webb C. (June 2014). The eyes have it: Ocular function and the concussion assessment. Learning Lab at the 65th NATA Annual Meeting & Clinical Symposia, Indianapolis, IN.
8. Krzyanowicz R, May J, & Nasypany A. (June 2014). Nuts & Bolts: A Practical Guide to Collecting Patient Outcomes. Web Presentation in the EBP Category at the National Athletic Trainers' Association 65 Clinical Symposia, Indianapolis, IN.
9. May J. (June 2014). Patient outcomes: Applying the mulligan concept of mobilization with movement intervention while treating ankle pathology in the intercollegiate setting. Podium Presentation at the National Athletic Trainers' Association 65th Clinical Symposia, Indianapolis, IN.
10. Eusea J, Baker RT, Nasypany AM, & Seegmiller JG. (May 2014). Treatment of chronic hamstring dysfunction in a dancer: A case report. Podium Presentation at the American College of Sports Medicine Annual Meeting, Orlando, FL.
11. Baker RT, Nasypany AM, & Seegmiller JG. (May 2013). The reversal of chronic musculoskeletal dysfunction and pain. Podium Presentation at the American College of Sports Medicine Annual Meeting, Indianapolis, IN.
12. Baker RT, Seegmiller JG, Chisar M, & Perez S. (May 2013). Sudden death in young competitive athletes: Analysis of Deaths in the United States, 2008-2011. Poster Presentation at the American College of Sports Medicine Annual Meeting, Indianapolis, IN.
13. Nasypany AM, Seegmiller JG, & Baker RT. (January 2013). A model for developing scholarly advanced practice athletic trainers in post-professional education programs. Poster Presentation at the Athletic Training Educators' Conference, Dallas, TX.