

Brenna R Powers PT, DPT

CURRICULUM VITAE

PRESENT TITLE AND AFFILIATION

Research Physical Therapist

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EDUCATION

Gannon University

109 University Sq. Erie, Pennsylvania, United States of America 16541

Doctor of Physical Therapy May 2019

Bachelor of Science in Exercise Science *Magna Cum Laude* May 2017

CERTIFICATIONS

Basic Life Support for Healthcare Providers (CPR and AED) January 2020
American Heart Association

PUBLICATIONS

Abstracts

BR Powers, MA Iammarino, NF Miller, LN Alfano, K Lehman, L Rodino-Klapac, JR Mendell, LP Lowes. (2019) Characterizing divergent phenotypes in limb girdle muscular dystrophies. Muscle Nerve. 60 (Supplement S2).

B. Powers, L. Alcock, M. Iammarino, M. James, N. Miller, H. Hilsden, K. Shannon, L. Lowes, L. Alfano. (2020) The influence of limb girdle muscle weakness on gait parameters: a pilot study across 8 subtypes. Neuromuscul Disord. 30 (Supplement S1).

B. Powers, L. Alfano, N. Miller, M. Iammarino, K. Shannon, Z. Sahenk, L. Lowes. (2020) Determining the utility of the GAITRite walkway to assess foot drop in subjects with CMT1A. Neuromuscul Disord. 30 (Supplement S1).

Dr. Megan Waldrop, Dr. Michael Lawlor, Tatyana Meyers Vetter Dr., Emma Frair, Margaret Beatka, Dr. Hui Meng, Megan Iammarino, **Brenna Powers**, Johan Harris, Maryann Kaler, Dr. Tabatha Simmons, Dr. Nico Wein, Dr. Kevin Flanigan. (2020) Expression of apparent full-length dystrophin in skeletal muscle in a first-in-human gene therapy trial using the scAAV9.U7-ACCA vector. Neuromuscul Disord. 30 (Supplement S1).

L. Alfano, N. Miller, M. Iammarino, **B. Powers**, K. Shannon, A. Connolly, M. Waldrop, R. Shell, C. Tsao, K. Flanigan, J. Mendell, L. Lowes. (2020) Utility of the neuromuscular gross motor outcome to quantify function in neuromuscular disorders. Neuromuscul Disord. 30 (Supplement S1).

L. Alfano, M. James, N. Miller, R. Muni-Lofra, M. Iammarino, D. Moat, **B. Powers**, J. Sodhi, M. McCallum, K. Shannon, M. Eagle, A. Mayhew, L. Lowes. (2020) Rasch analysis of the North Star Assessment for limb-girdle-type muscular dystrophies across subtypes. Neuromuscul Disord. 30 (Supplement S1).

M. Iammarino, N. Miller, L. Alfano, **B. Powers**, K. Shannon, A. Connolly, M. Waldrop, C. Tsao, Z. Sahenk, K. Flanigan, J. Mendell, L. Lowes. (2020) Expansion of the normative reference values for the 100 meter timed test for broad use across neuromuscular diseases. Neuromuscul Disord. 30 (Supplement S1).

M. Iammarino, **B. Powers**, N. Miller, K. Shannon L. Alfano, L. Lowes. (2020) In-home body-weight support maximized function after treatment in young children with spinal muscular atrophy. Neuromuscul Disord. 30 (Supplement S1).

N. Miller, M. Iammarino, L. Alfano, **B. Powers**, K. Shannon, C. Nease, K. Lehman, J. Mendell, L. Lowes. (2020) Measuring motor function in LGMD2E: Determining which functional outcomes are the most responsive to change in a 1-year study. Neuromuscul Disord. 30 (Supplement S1).

Articles in Peer Reviewed Journals

Natalie F. Miller, DPT, Lindsay N. Alfano, DPT, Megan A. Iammarino, DPT, Anne M. Connolly, MD, Melissa Moore-Clingenpeel, MAS, **Brenna R. Powers**, DPT, Chang-Yong Tsao, MD, Megan A. Waldrop, MD, Kevin M. Flanigan, MD, Jerry R. Mendell, MD, Linda P. Lowes, PT, PhD. (2020) Natural History of Steroid-Treated Young Boys With Duchenne Muscular Dystrophy Using the NSAA, 100m, and Timed Functional Tests. Pediatr Neurol. 113 (15-20).

Megan A. Waldrop, MD, Cassandra Karingada, MSN, Mike A. Storey, PharmD, **Brenna Powers**, DPT, Megan A. Iammarino, DPT, Natalie F. Miller, DPT, Lindsay N. Alfano, DPT, Garey Noritz, MD, Ian Rossman, MD PhD, Matthew Ginsberg, MD, Kathryn A. Mosher, MD, Eileen Broomall, MD, Jessica Goldstein, MD, Nancy Bass, MD, Linda P. Lowes, PhD, Chang-Yong Tsao, MD, Jerry R. Mendell, MD, Anne M. Connolly, MD. (2020) Gene Therapy for Spinal Muscular Atrophy: Safety and Early Outcomes. Pediatrics. 146.

