



Curriculum Vitae

PERSONAL

Name	Nicholas Rolnick
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LinkedIn	https://www.linkedin.com/in/nicholas-rolnick-051788/

PROFILE

Nick Rolnick, AKA The Human Performance Mechanic is a world-class Physical Therapist & Performance Enhancement Specialist who continues to distinguish himself as a leading international authority in Blood Flow Restriction (BFR). Nick has had an interest in sports and performance from his days as captain of his college baseball team at Franklin & Marshall, where he achieved all-conference honors, and competed in men's natural physique competitions during his graduate studies. Since graduating with an M.S. in Health Promotion Management from American University, Nick realized his love for fitness with his passion to help others by earning a Doctorate in Physical Therapy at Columbia University with honors. Nick is a highly published author in many of the world's top journals in exercise science and rehabilitation. Nick has a thriving practice in Manhattan as a Physical Therapist and Personal Trainer. In addition, he serves as an adjunct professor in several prominent colleges in the tri state area.

WORK EXPERIENCE

- Jul 2021 - Present Adjunct Assistant Professor of Physical Therapy
NY Medical College, Valhalla, NY
 - Advisor for student BFR projects
- Aug 2019 - Present Adjunct Assistant Professor
Lehman College, Bronx, NY
 - Teaching Kinesiology & Biomechanics I to undergraduates and Masters students
 - Course material covers the spine & extremities
- Jun 2018 - Present Founder / Educator
The BFR PROS, LLC, New York, NY
 - Leading educators & trainers in evidence-based, unbiased Blood Flow Restriction Training
 - Creation of Dynamic Collateral Course Materials, Workshops and Podcasts.
- Jun 2018 - Present Contributing Author
Physio Network

Synthesizing clinical blood flow restriction research into digestible research reviews for the members of Physio Network an international physical therapy continuing education membership website headquartered in Australia

Eight (8) articles published:

 - "Physiological and perceptual responses to acute arm cranking with blood flow restriction"
 - "Blood flow restriction added to usual care exercise in patients with early weightbearing restrictions after cartilage or meniscus repair in the knee joint: a feasibility study"
 - "Side effects and patient tolerance with the use of blood flow restriction training after ACL reconstruction in adolescents: a pilot study"

- "Blood flow restriction resistance training in tendon rehabilitation: a scoping review on intervention parameters, physiological effects, and outcomes
- "Blood flow restriction training in clinical musculoskeletal rehabilitation: a systematic review and meta-analysis,"
- "Low-load blood flow restriction training induces similar morphological and mechanical Achilles tendon adaptations compared to high-load resistance training,"
- "Blood flow restriction and discomfort: a review",
- "Low-load blood flow restriction and high-load resistance training induce comparable changes in patellar tendon properties."

Jun 2018 - Mar 2019	<p>Clinical BFR-Blood Flow Restriction Instructor <i>Smart Tools, Columbus, OH</i></p> <ul style="list-style-type: none"> • Taught 9 eight hour BFR Certification Courses to Rehabilitation & Fitness Professionals across the US • Co-Authored The Level One BFR Course Manual that Smart Tools uses for BFR Certification
Nov 2017 - Present	<p>Physical Therapist / Performance Trainer <i>Culture of PT PLLC / The Human Performance Mechanic, New York, NY</i></p> <ul style="list-style-type: none"> • Making patients stronger, returning them to the activities they love & helping them experience The Joy of Pain-Free Movement™
May 2017 - Nov 2017	<p>Physical Therapist <i>Sloane Stecker Physical Therapy, New York, NY</i></p> <ul style="list-style-type: none"> • Making patients stronger, and helping them return to the activities they love. • Help patients move, look and feel better.
Jan 2017 - Jul 2021	<p>Adjunct Faculty <i>Concordia University, Chicago, IL</i></p> <ul style="list-style-type: none"> • Teaching Strength & Conditioning Applications (AES-6810-99R online preparation for NSCA CSCS Certificate Exam) • Teaching Strength & Conditioning Practicum (AES-6840-65R online discussions on strength & conditioning topics) • Teaching Kinesiology (AES-6020 and AES-6030 online covering spine, lower & upper extremities)
Nov 2015 - Apr 2018	<p>Contributing Author <i>Brookbush Institute, New York, NY</i></p> <ul style="list-style-type: none"> • Synthesized clinical research on fitness, physical therapy, health & wellness, and anatomy; writing about its implications. • Backoffice optimization, organization and editing. • Authored 35 Research Reviews.
Sep 2013 - May 2014	<p>Intern Strength & Conditioning Coach <i>American University, Washington, DC</i></p> <ul style="list-style-type: none"> • Men's Soccer & Women's Field Hockey Teams

EDUCATION AND QUALIFICATIONS

Aug 2014 - May 2017	<p>Doctor of Physical Therapy <i>Columbia University, New York, NY</i></p> <ul style="list-style-type: none"> • Graduated with Honors 3.87 GPA
Aug 2012 - May 2014	<p>Masters, Health Promotion Management <i>American University, Washington, DC</i></p> <ul style="list-style-type: none"> • Graduated with 3.98 GPA
Aug 2006 - May 2010	<p>Bachelor of Arts (Biology) <i>Franklin & Marshall College, Lancaster, PA</i></p>

LICENSES AND CERTIFICATION

- Licensed Physical Therapist, State of New York Office of Professions 2026 -License Number: 041648-1 Certificate Number: 982366
 - BFR certification- Owens Recovery Science (2017) and SmartTools Plus (2018)
 - CPR/AED certified through American Academy of CPR & First Aid, Inc. through 12/29/2023 -Certification Number: AB1374801-HCP
 - NSCA CSCS, Oct 2011 -License Number: 201175480
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PUBLICATIONS

- Nascimento DDC*, **Rolnick N***, da Silva Almeida I*, Cipriano Junior G*, Durigan JL*. (2024). Frequentist, Bayesian Analysis and Complementary Statistical Tools for Geriatric and Rehabilitation Fields: Are Traditional Null-Hypothesis Significance Testing Methods Sufficient? *Clin Interv Aging*. 2024 Feb 16;19:277-287. doi: 10.2147/CIA.S441799. PMID: 38380229; PMCID: PMC10878138. *contributed equally
- Abrahin O, Abrahin RP, Guimarães M, de Holanda VBT, Figueiredo FAPL, Viana Rosa B, de Sousa Neto IV, **Rolnick N**, de Melo GF, Prestes EF, & da Cunha Nascimento D. (2024). Blood pressure responsiveness to resistance training in the hypertensive older adult: a randomized controlled study. *Blood pressure monitoring*, 10.1097/MBP.0000000000000690. Advance online publication. <https://doi.org/10.1097/MBP.0000000000000690>
- Joyce C, Aylward B, **Rolnick N**, & Lachowski S (2024). Implementation and clinical outcomes of blood flow restriction training on adults with cerebral palsy: A case series. *The Journal of Neurological Physical Therapy*. *In press*.
- de Queiros VS, **Rolnick N**, Sabag A, Wilde P, Peçanha T, Aniceto RR, Rocha RFC, Delgado DZ, Cabral BGdAT, & Dantas PMS (2024). Effect of high-intensity interval exercise versus continuous low-intensity aerobic exercise with blood flow restriction on psychophysiological responses: A randomized crossover study. *Journal of Sports Science and Medicine*, 23, 114-125. <https://doi.org/10.52082/jssm.2024.114>
- Dancy ME., Alexander AS, Abbas MJ, **Rolnick N**, Alder KD, Lu Y, & Okoroha KR. (2023). No differences in exercise performance, perceptual response, or safety were observed among 3 blood flow restriction devices. *Arthroscopy, sports medicine, and rehabilitation*, 5(6), 100822. <https://doi.org/10.1016/j.asmr.2023.100822>
- de Queiros V.S., **Rolnick N**, Wilde P. et al. (2023). Measuring arterial occlusion pressure for training with blood flow restriction: a scoping review and recommendations for measurement. *Sport Sci Health*. <https://doi.org/10.1007/s11332-023-01135-y>
- Scott BR, Marston KJ, Owens J, **Rolnick N**, & Patterson SD. (2023). Current implementation and barriers to using blood flow restriction training: Insights from a survey of allied health practitioners. *Journal of strength and conditioning research*, 10.1519/JSC.0000000000004656.
- Scott BR, Marston KJ, Owens J, **Rolnick N**, Patterson SD. Current implementation and barriers to using blood flow restriction training: Insights from a survey of allied health practitioners. *Journal of strength and conditioning research*. In Press.
- **Rolnick N**, Licameli N, Moghaddam M, Marquette L, Walter J, Fedorko B, & Werner T. (2023). Autoregulated and Non-Autoregulated Blood Flow Restriction on Acute Arterial Stiffness. *International journal of sports medicine*, 10.1055/a-2152-0015. Advance online publication. <https://doi.org/10.1055/a-2152-0015>
- Garcia, D., de Sousa Neto, I. V., de Souza Monteiro, Y., Magalhães, D. P., Ferreira, G. M. L., Grisa, R., Prestes, J., **Rolnick N** et al. (2023). Reliability and validity of a portable traction dynamometer in knee-strength extension tests: An isometric strength assessment in recreationally active men. *Healthcare*, 11(10): 1466. MDPI AG. DOI: <http://dx.doi.org/10.3390/healthcare11101466>
- Sabino De Queiros V, **Rolnick N**, Sabag A, Martins de França I, Wilde PH, Vieira JG, Reis VM, Formiga MF, Tinôco Cabral BGA, Silda Dantas PM. (2023). Acute responses in blood flow restriction low-intensity aerobic training: a meta-analysis. *Int J Sports Med*. doi: 10.1055/a-2038-3635.
- **Rolnick N**, Kamis O. (2023) Important methodological concern regarding the article “Effect of Leg Half-Squat Training With Blood Flow Restriction Under Different External Loads on Strength and Vertical Jumping Performance in Well-Trained Volleyball Players”: A letter to the editor. *Dose-Response*, 21(2). doi:10.1177/15593258231173494
- Schoenfeld BJ, Ogborn D, Piñero A, Burke R, Coleman M, **Rolnick N**. (2023) Fiber-type-specific hypertrophy with the use of low-load blood flow restriction resistance training: A systematic review. *Journal of Functional Morphology and Kinesiology*. 8(2):51. doi: <https://doi.org/10.3390/jfmk8020051>
- Duarte de Oliveira J. L., Vieira J. G., Sabino de Queiros V., Mourão Júnior C. A., Panza P. S., Krzysztofik M., Bichowska M., Guilherme de Araújo Tinôco Cabral B., **Rolnick N.**, Wilk M., & Vianna J. M. (2023). Cardiovascular and perceptual responses to resistance training with practical blood flow restriction induced by a non-elastic band vs. pneumatic cuff: A crossover randomized study. *Perceptual and motor skills*, 315125231162732. Advance online publication. <https://doi.org/10.1177/00315125231162732>
- **Rolnick N**, Kimbrell K, de Queiros V. (2023). Beneath the cuff: Often overlooked and under-reported blood flow restriction device features and their potential impact on practice - A review of the current state of evidence. *Frontiers in Physiology*, doi: 10.3389/fphys.2023.1089065
- Ferlito J*, **Rolnick N***, Ferlito MV, De Marchi T, Deminice R, Salvador M. (2023). Acute effect of low-load resistance exercise with blood flow restriction on oxidative stress biomarkers: A systematic review and meta-analysis. *PLOS ONE*. doi: 10.1371/journal.pone.0283237. (*sharing first authorship).
- **Rolnick N**, Templar J. (2023). Working around a client’s low back pain – Strategies and exercise progressions. *Personal Training*

Quarterly, 10(1): 4-8.

- Sousa LL, Nascimento DC, **Rolnick N**, Barbosa JMS, Silva RC, Rosa BV, Silva TF, Ferreira CES. (2023) Blood pressure response to dynamic resistance exercise with different times under blood flow restriction on normotensive subjects: a randomized crossover trial. *Rev Bras Fisiol Exerc* 21(4):aheadprint.
- Chulvi-Medrano I, Cortell-Tormo JM, Hernández-Sánchez S, Picón-Martínez M, **Rolnick N**. (2023). Blood flow restriction training in clinical rehabilitation: Occlusion pressure methods relative to the limb occlusion pressure. *J Sport Rehabil*. doi: 10.1123/jsr.2022-0240. PMID: 36640776.
- Jacobs E, **Rolnick N**, Wezenbeek E, Stroobant L, Capelleman R, Arnout N, Witvrouw E, Schuermans J. (2023). Investigating the autoregulation of applied blood flow restriction training pressures in healthy, physically active adults: an intervention study evaluating acute training responses and safety. *Br J Sports Med*. doi: 10.1136/bjsports-2022-106069.
- de Queiros VS*, **Rolnick N***, de Alcântara Varela PW, Cabral BGdAT, Silva Dantas PM (2022). Physiological adaptations and myocellular stress in short-term, high-frequency blood flow restriction training: A scoping review. *PLOS ONE* 17(12): e0279811. <https://doi.org/10.1371/journal.pone.0279811> (*Sharing first authorship)
- de Queiros VS, **Rolnick N**, dos Santos ÍK, et al. (2022). Acute Effect of Resistance Training With Blood Flow Restriction on Perceptual Responses: A Systematic Review and Meta-Analysis. *Sports Health*. doi:10.1177/19417381221131533
- Fostiak K, Bichowska M, Trybulski R, Trabka B, Kryzstofik M, **Rolnick N**, Filip-Stachnik A, Wilk M. (2022). Acute effects of ischemic intra-conditioning on 30 m sprint performance. *Int. J. Environ. Res. Public Health*. 19(19), 12633. doi: 10.3390/ijerph191912633
- Yang, J, Merriwether EN, **Rolnick N**, Rao S. (2022) The impact of blood flow restriction resistance training on pain modulation in pain free individuals. *Medicine & Science in Sports & Exercise*, 54(9S) - 239. [Abstract]. Doi: 10.1249/01.mss.0000878016.34367.dd
- Kryzstofik M, Zygadlo D, Trybek P, Jarosz J, Zajac A, **Rolnick N**, Wilk M. (2022). Resistance training with blood flow restriction and ocular health: A brief review. *J Clin Med*, 11(16): 4881. doi: <https://doi.org/10.3390/jcm1164881>
- Nascimento DDC*, **Rolnick N***, Neto IVS, Severin R, Beal FLR. (2022) A Useful Blood Flow Restriction Training Risk Stratification for Exercise and Rehabilitation. *Front Physiol*,13:808622. doi: 10.3389/fphys.2022.808622. PMID: 35360229; PMCID: PMC8963452. (sharing first authorship).
- de Sousa Neto IV, da Cunha Nascimento D, Prestes J, da Fonseca EF, Celes RS, **Rolnick N**, de Sousa Barbalho YG, Silva AO, Stival MM, de Lima LR, Funghetto SS. (2022) Initial Muscle Quality Affects Individual Responsiveness of Interleukin-6 and Creatine Kinase following Acute Eccentric Exercise in Sedentary Obese Older Women. *Biology (Basel)*, 11(4):537. doi: 10.3390/biology11040537. PMID: 35453736; PMCID: PMC9026080.
- **Rolnick N**, de Sousa Neto IV, da Fonseca EF, Neves RVP, Rosa TDS, Nascimento DDC. (2022) Potential implications of blood flow restriction exercise on patients with chronic kidney disease: a brief review. *J Exerc Rehabil*. 18(2):81-95. doi: 10.12965/jer.2244082.041. PMID: 35582687; PMCID: PMC9081410.
- Amorim, S.; Gaspar, A.P.; Degens, H.; Cendoroglo, M.S.; de Mello Franco, F.G.; Ritti Dias, R.M.; Cucato, G.G.; **Rolnick, N.**; de Matos, L.D.N.J. (2022) The Effect of a Single Bout of Resistance Exercise with Blood Flow Restriction on Arterial Stiffness in Older People with Slow Gait Speed: A Pilot Randomized Study. *J. Cardiovasc. Dev. Dis.*, 9, x. <https://doi.org/10.3390/xxxxx>
- **Rolnick N**, Kimbrell K, Cerqueira M, Weatherford B, Brandner C. (2021). Perceived barriers to blood flow restriction training. *Front Rehab Sci*. 2(14). doi: <https://doi.org/10.3389/fresc.2021.69708>
- **Rolnick N**, Cerqueira MS. (2021) Comparison of blood flow restriction devices and their effect on quadriceps muscle activation: Letter to the editor. *Phys Ther Sport*. May;49:227-228. doi: 10.1016/j.ptsp.2021.03.006. Epub 2021 Mar 22. PMID: 33794445.
- Cerqueira MS, **Rolnick N**, Vieira WHB. (2021) Letter to the editor concerning the article: The effectiveness of blood-flow restricted resistance training in the musculoskeletal rehabilitation of patients with lower limb disorders: A systematic review and meta-analysis. *Clin Rehabil*. Apr 22:2692155211011929. doi: 10.1177/02692155211011929. Epub ahead of print. PMID: 33884919.
- **Rolnick N**, Schoenfeld B. (2020). Blood Flow Restriction Training and the Physique Athlete: A Practical Research-Based Guide to Maximizing Muscle Size. *Strength and Conditioning Journal*, 42(5): 22-36. doi: 10.1519/SSC.0000000000000553
- **Rolnick N**, Schoenfeld B. (2020) Can Blood Flow Restriction Used During Aerobic Training Enhance Body Composition in Physique Athletes?, *Strength and Conditioning Journal*, 42(5): 37-47. doi: 10.1519/SSC.0000000000000585
- Amorim S, **Rolnick N**, Schoenfeld BJ, Aagaard P. (2020) Low-intensity resistance exercise with blood flow restriction and arterial stiffness in humans: A systematic review. *Scand J Med Sci Sports*. doi: 10.1111/sms.13902. Epub ahead of print. PMID: 33283322.

CHAPTER PUBLICATIONS

- Rolnick N. Chapter 12: Warm-up, Recovery, and Injury Prevention. National Academy of Sports Medicine. Physique and Bodybuilding Coach Certification.

PEER REVIEWER

- Frontiers in Physiology (2023-)
- Clinical Rehabilitation (2023-)
- Journal of Sport and Health Science (2023-)
- Biology of Sport (2023-)

- Journal of Science and Medicine in Sport (2023-)
- Scientific Reports (2022-)
- European Journal of Sports Science (2022-)
- BMC Sports Science, Medicine and Rehabilitation (2022-)
- Sports Medicine - Open (2021-)
- PeerJ (2021-)
- Medical Hypotheses (2021-)
- Journal of Strength & Conditioning Research (2020-)
- Sports Health (2020-)

ONLINE TRAINING EDUCATION

- Blood Flow Restriction: It's Not If, It's When! - Moment PT Mentorship Presentation - February 9, 2023
- *BFR: It's not IF. It's WHEN!* - North Texas Physical Therapy Association - January 17, 2023
- *BFR Masters Webinar- What's New in BFR in 2021?* 2 hours (www.bfrmasterswebinar.com) July 2022
- *BFR Masters Series Module 14- "Clinical Rounds"* 2.25 hours (www.bfrmastersseries.com) June 2022
- *Introduction to BFR Training: Accelerate Performance & Recovery* - 4.5 hour on-demand BFR training course (www.bfrtraining.com) (Individually created and launched 9/4/2020)

CONTINUING EDUCATION TAUGHT

- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Professional PT - Garden City, NY December 2, 2023
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ IVY Rehab - Charlottesville, VA September 9, 2023
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ IVY Rehab - Glen Mills, PA August 19, 2023
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ IVY Rehab - Fort Mill, SC March 25, 2023
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Professional PT - New York, NY March 11, 2023
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Professional PT - Woburn, MA Dec 3, 2022
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Professional PT - Garden City, NY Sept 10, 2022
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Professional PT - Nutley, NJ July 9, 2022
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Advanced Rehab & Sports - Bloomington, IL June 11, 2022
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Professional PT - New York, NY May 14, 2022
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Ivy Rehab/Elite Sports - Cranston, RI April 9, 2022
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Paris, France March 22-23, 2022
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Ivy Rehab/Park Sports - Brooklyn, NY March 5, 2022
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Ivy Rehab/Physical Therapy & Wellness Institute- Ardmore, PA February 12, 2022
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Professional PT - Nutley, NJ October 2, 2021
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Twin Boro PT - North Brunswick, NJ June 12, 2021
- *The Online Sleep Summit 2021* - BFR: Better for Results, May 2-3, 2021
- *The Power of BFR Training* with PhysioTutors 2.5 hour webinar - April 6, 2021
- *The Science Behind the Power of BFR Training & Fatigue* with Modern Pain Care 2 hour webinar - March 23, 2021
- *The Online Sleep Summit 2020* - BFR: Programming BFR Training, August 8-9, 2020
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Ivy Rehab - Franklin Lakes, NJ February 29, 2020
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Access PTW - Armonk, NY February 9, 2020
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Professional PT - Commack, NY January 29, 2020
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ ORS PT - Rockford, IL November 9, 2019
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Bethpage PT - Bethpage, NY September 21, 2019
- *The BFR Pros Accelerate Recovery/Rehab BFR Training Workshop* @ Prolete PT - Milford, CT September 8, 2019
- *The BFR Pros Accelerate Performance BFR Training Workshop* @ Prolete PT - Milford, CT September 7, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Nice, France October 20, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Geneve, Switzerland October 19, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Toulouse, France October 18, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Bruxelles, Belgium October 16, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Paris, France October 15, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Rennes, France October 14, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Lyon, France May 17, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Strasbourg, France May 16, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Marseille, France May 14, 2019
- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Nantes, France May 13, 2019

- *Kinesport BFR Pros Accelerate Performance & Recovery BFR Training Workshop* - Paris, France May 12, 2019
 - *Smart Tools 9 hour Level One BFR Certification* - New York, NY February 2, 2019
 - *Smart Tools 9 hour Level One BFR Certification* - Baton Rouge, LA November 10, 2018
 - *Smart Tools 9 hour Level One BFR Certification* - Delray Beach, FL November 3, 2018
 - *Smart Tools 9 hour Level One BFR Certification* - Chesapeake, VA October 28, 2018
 - *Smart Tools 9 hour Level One BFR Certification* - Arlington, VA October 27, 2018
 - *Smart Tools 9 hour Level One BFR Certification* - New York, NY October 13, 2018
 - *Smart Tools 9 hour Level One BFR Certification* - Miami, FL July 22, 2018
 - *Smart Tools 9 hour Level One BFR Certification* - Warner Robins, GA July 14, 2018
 - *BFR Is Better For Results @ CSM Academy of Physical Therapy Education* - March 1, 2018
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CONFERENCE PRESENTATIONS

- *Can Aerobic Exercise with Blood Flow Restriction Enhance Aerobic Capacity & Performance in Well-Trained Athletes?* Kinesport Conference Parc Des Princes, Paris, France December 15, 2021
 - *The Science Behind The Power of BFR (Blood Flow Restriction)* NSCA National Conference Caesar's Palace, Las Vegas, Nevada - September 22, 2020 - BFR and Fatigue: Any differences between BFR and low-load exercise?
 - *BFR Is Better For Results ACL Rehabilitation*- Kinesport Conference Parc des Princes, Paris, France - January 13, 2020 - Synthesizing the current body of evidence and providing practice- and evidence-based guidelines on BFR use during ACL rehabilitation
 - *BFR Is Better For Results* - TherapyExpo Conference Birmingham, UK November 28, 2019 - The Science Behind BFR Training
 - *BFR Is Better For Results* - TherapyExpo Conference Birmingham, UK November 27, 2019 - The Science Behind BFR Training
 - *BFR Is Better For Results* - NSCA Virginia/DC State Conference Lynchburg, VA February 24, 2019 - The Science Behind BFR Training
 - *BFR Is Better For Results* - Kinesport Conference Parc des Princes, Paris, France - January 15, 2019 - The Science Behind BFR Training
 - *BFR Is Better For Results* - NYPTA Long Island Student Mini-Conclave Stony Brook University NY November 17, 2018 - The Science Behind BFR Training
 - *Telehealth as a Regularly Integrated Component of Physical Therapy Care* - SSIG Hunter College NY September 29, 2018 - How telehealth can be successfully integrated into a plan of care
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MEDIA FEATURES

- WELL + GOOD - *3 Common Habits a 'Human Performance Mechanic' Says Can Lead to Back Pain, No Matter How Strong Your Muscles Are*, January 12, 2023
- BLOOM-WFLA-TV - *Blood Flow Restriction Training*, August 24, 2022
- Zenger News - *The Human Performance Mechanic" Explains Why Exercise Is Sometimes The Best Medicine*, August 15, 2022
- The Scarsdale Inquirer - *Scarsdale Grad Rolnick Thrives As Physical Therapist*, August 12, 2022
- WESTFAIROnline.com - *A Physical Therapist's Antidote to Anxiety*, August 9, 2022
- FOX 32 CHICAGO - *Blood Flow Restriction Training Gaining Steam In Fitness Community*, July 29, 2022
- CNET- *Blood Flow Restriction Training Gets You Stronger Without the Heavy Weights How this therapy technique can help you recover from an injury or workout faster*. June 8, 2022
- EatThis,NotThat! - *10 Ways to Burn More Calories During Every Walk, Trainers Say* Nov 4, 2021
- Vitamin Shop WHAT'S GOOD - *6 Ways To Support And Strengthen Your Knees* Oct 27, 2021
- AskMen - *Partial Reps May Be the Ultimate Key to Building the Muscle You Want* Sept 21, 2021
- CNN Health - *Why kaatsu, a fitness trend spotted at the Games, isn't just for Olympians* July 31, 2021
- UPDOC MEDIA - *Top 40 Physical Therapy Influencers of 2020* Jan 4, 2021
- MOVEMENT GUIDES - *The Top 5 Strength and Conditioning Coach Instagram Accounts to Follow NOW* – 2021 Edition Jan 1, 2021
- WELL + GOOD - *Thanks to Blood Flow Restriction Training, Injuries No Longer Have to Cramp Your Workout Progress* Feb 27, 2020
- WEBPT - *12 Physical Therapists to Watch in 2021* Dec 31, 2020

SPECIAL PROGRAMS

- CNN "Life But Better" *Exercise quiz: Find the best workouts for you*, March 18, 2023
<https://bit.ly/3Tswza1>
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HONORS AND AWARDS

- Columbia DPT Merit Scholarship, 2014-2017
 - Macy Scholar, Spring 2015
 - Varsity Baseball Co-Captain, February 2010 - Franklin & Marshall College
 - All Centennial Baseball Honorable Mention, May 2009
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INTERESTS

Weightlifting, Bodybuilding, Video Games, My dogs Ruby, Ryder, and My Fiancé Kelcey

REFERENCES

References available on request.