

CURRICULUM VITAE

Lauren Schlacht Butler
Florida International university

Education:

Doctor of Physical Therapy
Florida International University
August 2010

Bachelor of Science
Florida International University
Exercise Physiology
August 2007

Licensure Information:

Florida PT25940

Certifications:

APTA Board Certified Clinical Specialist in Sports Physical Therapy
NCSF Certified Personal Trainer
American Heart Association Basic Life Support (CPR and AED) Certified
Sports Metrics Certified
Emergency Medical Responder: American Red Cross

Employment and Positions Held:

Clinical Assistant Professor
Florida International University Department of Physical Therapy
Miami, FL
Aug. 2023- Present

Sports Medicine Physical Therapist
Nicklaus Children's Hospital
Miami, FL
Aug. 2023- Present

Sports Physical Therapy Supervisor
Nicklaus Children's Hospital
Miami, FL
Nov. 2017 – Aug. 2023

Sports Medicine Physical Therapist
Nicklaus Children's Hospital
Miami, FL
Apr. 2011-Nov. 2017

Physical Therapist
Progressive Physical Therapy
Miami, FL
Feb. 2011- Apr. 2011

Physical Therapist

Peer Reviewed Publications:

Lauren Butler, Ashley Erdman, Elliot Greenberg, Joseph Janosky, Matthew Bailey, Alexa Martinez, Gregory D. Myer, Sophia Ulman. The Influence of Patient Gender on Exercise Prescription in ACL Reconstruction Rehabilitation. Accepted Physical Therapy in Sport.

Kenzie Freisen, Lauren Butler, Kaila Holtz, Sophia Ulman, Glenn Fleisig, Gretchen Oliver. Biomechanics of Fastpitch Softball Pitching: A Practitioner's Guide. Accepted Sports Health.

Lauren Schlacht Butler, Justin S. DiSanti, Joseph J. Janosky, Jane S. Chung, James F. Russomano, Amanda M. Black, Shelly Fetchen DiCesaro, Eric Post, Jonathan A. Santana, Troy M. Smurawa, and Tamara Valovich McLeod. Examining the impact of an education intervention on parent's perceptions of sport specialization. Accepted Internet Journal of Allied Health Sciences and Practice.

Erdman, Ashley; Ulman, Sophia; Dyke, Julie; Russomano, James; Santana, Jonathan; Valovich McLeod, Tamara; Fetchen DiCesaro, Shelly; McCaffrey, Kelsey; Chung, Jane; Hayden-Hebert, Kristin; Butler, Lauren. Pointe Readiness in Youth Ballet Dancers: A Pilot Study on Dance Instructor Decision Making
Accepted Journal of Dance Medicine and Science.

Butler L, Martinez A, Entessari M, Cardenas G, Wright M, Sugimoto D. Qualitative and quantitative return-to-sport test battery and second anterior cruciate ligament injury risk factors. BMJ Open Sport Exerc Med. 2024 Aug 3;10(3):e002000. doi: 10.1136/bmjsem-2024-002000. PMID: 39104374; PMCID: PMC11298729.

Cherelstein RE, Ulman S, Kuenze CM, Harkey MS; ARROW; Butler LS. Greater changes in self-reported activity level are associated with decreased quality of life in patients following an anterior cruciate ligament reconstruction. Phys Ther Sport. 2024 May;67:149-154. doi: 10.1016/j.ptsp.2024.04.002. Epub 2024 Apr 14. PMID: 38759381.

Erdman A, Loewen A, Dressing M, Wyatt C, Oliver G, Butler LS, Janosky J, Sugimoto D, Black A, Tulchin-Francis K, Bazzet Jones D, Ulman, S. A 2D Video-Based Assessment is Associated with 3D Biomechanical Contributors to Dynamic Knee Valgus in the Coronal Plane. Accepted for publication in Frontiers in Sports and Active Living, section Biomechanics and Control of Human Movement.

Butler LS, Janosky J, Knell G, Ulman S, Latz K. Are Recreational Sports a Relic of the Past OR a Solution for the Future? Curr Sports Med Rep. 2024 Mar 1;23(3):62-68. doi: 10.1249/JSR.0000000000001148. PMID: 38437489.

Ekdahl M, Ulman S, Butler L. Relationship of Knee Abduction Moment to Trunk and Lower Extremity Segment Acceleration during Sport-Specific Movements. Sensors (Basel). 2024 Feb 23;24(5):1454. doi: 10.3390/s24051454. PMID: 38474989.

Butler L, Greenberg E, Giampetruzzi N, Link M, Prati V, Weaver A, Saper M. Comparison of physical therapy utilization, timing of return-to-sport test completion, and hop test performance by age and between sexes in youth athletes after anterior cruciate ligament reconstruction. Phys Ther Sport. 2024 Feb 14;67:1-6. doi: 10.1016/j.ptsp.2024.02.004. Epub ahead of print. PMID: 38387378.

Butler L, Martinez A, Erdman A, Sugimoto D, Loewen A, Milian E, Wyatt C, Hayden K, DeVerna A, Tulchin-Francis K, Ulman S. Concurrent Validity of The Expanded Cutting Alignment Scoring Tool (E-CAST). *Int J Sports Phys Ther.* 2023 Oct 1;18(5):1147-1155. doi: 10.26603/001c.87633. PMID: 37795331; PMCID: PMC10547067.

Butler LS, Sugimoto D, Erdman A, Yoder J, Greiner K, Larroque C, Latz K, Loewen A, Wyatt CW, DeVerna A; PRISM Injury Prevention Research Interest Group; Ulman S. Highly Active Middle School Athletes Demonstrate Poor Motor Skill Proficiency. *Sports Health.* 2023 Jun 16:19417381231178822. doi: 10.1177/19417381231178822. Epub ahead of print. PMID: 37329118.

Butler L, Wyatt C, Martinez A, Erdman A, Milian E, Sugimoto D, Loewen A, Fernandez J, Hayden K, DeVerna A, Tulchin-Francis K, Ulman S. No Difference in Two-Dimensional Kinematic Assessment of a 45-Degree Sidestep Cut Compared to Qualitative Assessment. *Int J Sports Phys Ther.* 2023 Jun 1;18(3):587-595. doi: 10.26603/001c.74366. PMID: 37425108; PMCID: PMC10324343.

Sugimoto D, Del Bel M, Butler L. Barriers and Facilitators of Research in Pediatric Sports Medicine Practitioners: A Survey of the PRISM Society. *Int J Sports Phys Ther.* 2022 Dec 1;17(7):1417-1429. doi: 10.26603/001c.39739. PMID: 36518842; PMCID: PMC9718726.

Butler LS, Janosky JJ, Sugimoto D. Pediatric and Adolescent Knee Injuries: Risk Factors and Preventive Strategies. *Clin Sports Med.* 2022 Oct;41(4):799-820. doi: 10.1016/j.csm.2022.05.011. PMID: 36210172.

Greenberg E, Butler L, Giampetruzzi N, Link M, Prati V, Weaver A, Saper M. Differences in the course of rehabilitation and outcomes for publicly insured pediatric patients after anterior cruciate ligament reconstruction. *Phys Ther Sport.* 2022 Sep 19;58:52-57. doi: 10.1016/j.ptsp.2022.09.002. Epub ahead of print. PMID: 36174372

Butler L, DiSanti JS, Sugimoto D, Hines DM, Del Bel MJ, Oliver GD. Apples to Oranges: Inconsistencies in Defining and Classifying Youth Sport Populations. *Clin J Sport Med.* 2022 May 10. doi: 10.1097/JSM.0000000000001038. Epub ahead of print. PMID: 35561345.

Ulman S, Erdman A, Loewen A, Dressing M, Wyatt C, Oliver G, Butler L, Sugimoto D, Black AM, Janosky J. Concurrent Validity of Movement Screening Criteria Designed to Identify Injury Risk Factors in Adolescent Female Volleyball Players. *Front Sports Act Living.* 2022 Jun 24;4:915230. doi: 10.3389/fspor.2022.915230. PMID: 35813049; PMCID: PMC9263117.

Butler LS, Martinez AR, Sugimoto D, Wyatt CW, Milian EK, Ulman S, Erdman A, Loewen A, Hayden K, DeVerna A, Tulchin-Francis K, Research Interest Group, Reliability of the Expanded Cutting Alignment Scoring Tool (E-CAST) to Assess Trunk and Limb Alignment During a 45-Degree Side-Step Cut. *Int J Sports Phys Ther.* 2022 Apr 1;17(3):456-465. doi: 10.26603/001c.33045. PMID: 35391867; PMCID: PMC8975584.

Terrell, E. A., Aftab, S., Babitz, A., Butler, L., Hernandez, N. G., Hornik, B., Lee, K., Perez, J., Sotolongo, E., & Thomas, J. (2021). The Evolution of Telehealth From Pre-COVID-19 Pandemic Through A Hybrid Virtual Care Delivery Model: A Pediatric Hospital's Journey. *International Journal of Telerehabilitation*, 13(2). <https://doi.org/10.5195/ijt.2021.6432>

Butler, Lauren S. DPT; Gupta, Apeksha MPH; DeVerna, Amie DPT; Moore, James G. PT, PhD; Latz, Kevin MD; Foley Davelaar, Cassidy M DO; Salyakina, Daria PhD; Sugimoto, Dai PhD, ATC. Physical Literacy in Elementary Physical Education: A Survey of Fundamental Movement

Butler LS, Milian EK, DeVerna A, et al. Reliability of the Cutting Alignment Scoring Tool (CAST) to Assess Trunk and Limb Alignment During a 45-Degree Side-Step Cut. *Int J Sports Phys Ther.* 2021;16(2):312-321. Published 2021 Apr 1. doi:10.26603/001c.21419

Eltoukhy, M., Kuenze, C., Oh, J., Milian, E., Butler, L., Signorile, J., (2018). Concurrent Validity of Depth Sensing Cameras for Non-Contact ACL Injury Screening during Side-Cut Maneuvers in Adolescent Athletes: A Preliminary Study. *Journal of Applied Biomechanics*

Peer Reviewed Scientific and Professional Presentations:

Lauren Butler, Ashley Erdman, Elliot Greenberg, DPT, PhD, Joseph Janosky DrPH, Matthew Bailey, DPT, Alexa Martinez, DPT, Sophia Ulman, PhD.

Gender Bias in Exercise Prescription during Rehabilitation after Anterior Cruciate Ligament Reconstruction.

Accepted as Poster Presentation at the 2025 Pediatric Research in Sport Medicine Annual Meeting. Columbus, OH.

Lauren Butler, Hannah Olander, Ashley Erdman, Sophia Ulman.

RELATIONSHIP OF KNEE ABDUCTION MOMENT TO LOWER EXTREMITY SEGMENT ACCELERATION DURING SPORT-SPECIFIC MOVEMENTS IN ADOLESCENT ACL RECONSTRUCTION PATIENTS AT RETURN-TO PLAY.

Accepted for Poster Presentation at the 2025 Pediatric Research in Sport Medicine Annual Meeting. Columbus, OH.

Lauren Butler, DPT, SCS, Ashley Erdman, BS, MBA, Alexa Martinez, DPT, SCS, Dai Sugimoto, PhD, ATC, Joseph Janosky, DrPH, Sophia Ulman, PhD.

THE RELIABILITY OF A TWO-PLANE QUALITATIVE ASSESSMENT TOOL FOR A SINGLE LEG HOP TASK AMONGST MULTIDISCIPLINARY SPORTS MEDICINE PRACTITIONERS.

Accepted for e-poster Presentation at the 2025 Pediatric Research in Sport Medicine Annual Meeting. Columbus, OH.

Lauren Butler, DPT, SCS, Alexa Martinez, DPT, SCS, Gabriel Cardenas, MPH, Margaret Wright, MD, Dai Sugimoto, PhD, ATC.

KINESIOPHOBIA AND QUALITY OF MOVEMENT AT THE TIME OF RETURN TO SPORT AFTER ACL RECONSTRUCTION.

Accepted for platform Presentation at the 2025 Pediatric Research in Sport Medicine Annual Meeting. Columbus, OH.

Ashley L. Erdman BS, MBA, Jessica Garcia MS, CSCS, Alex Loewen, Michael Dressing, Charles Wyatt, Gretchen Oliver, Lauren Butler, Dai Sugimoto, Amanda M, Black, Joseph Janosky Sophia Ulman PhD

VALIDITY OF 2D SCREENING CRITERIA IN DETERMINING LOWER EXTREMITY INJURY RISK FACTORS IN ADOLESCENT FEMALE VOLLEYBALL PLAYERS: A COMPARISON OF QUALITATIVE AND POINT SELECTION TECHNIQUES TO 3D MOTION CAPTURE.

Accepted for Poster Presentation at the 2025 Pediatric Research in Sport Medicine Annual Meeting. Columbus, OH.

Roman DP, Ulman S, Butler L, Walker C, Douthit T, Kuenze C, ARROW, Baez S.

Age and Sex Differences in ACL-RSI Subscale Scores of Emotion, Risk-Appraisal, and Confidence after ACL Reconstruction.

Accepted for Poster Presentation at the 2025 Pediatric Research in Sport Medicine Annual Meeting. Columbus, OH.

Butler L, Ulman S, Roman D, Walker C, Douthit T, Kuenze C, ARROW, Baez S.
The Relationship Between Physical Activity Level and Psychological Readiness to Return to Sport after Anterior Cruciate Ligament Reconstruction.
Accepted for e-Poster Presentation at the 2025 Pediatric Research in Sport Medicine Annual Meeting. Columbus, OH.

Butler L, Ulman S, Roman D, Walker C, Douthit T, Kuenze C, ARROW, Baez S.
The Relationship Between Psychological Readiness to Return to Sport and Kinesiophobia in Adolescent and Young Adult Athletes after Anterior Cruciate Ligament Reconstruction.
Accepted for Poster Presentation at the 2025 Pediatric Research in Sport Medicine Annual Meeting. Columbus, OH.

Amanda Thomas, Lauren Butler, Teresa Munecas, Tyler Turner, Andreina Lander, Abigail Tong, Amber Sivals.
A Novel Collaborative Approach to Incorporating 3D Printing into the Doctor of Physical Therapy Curriculum.
Accepted for Poster Presentation at APTA CSM 2025

Lauren Butler, David Capote, Amanda Thomas, Teresa Munecas, Erasmo Alvarez, Alexa Almonte, Madeline Dawson, Mikayla Kerekes, Jordan Hale, Kaitlyn Mitchell, Mark Rossi.
Enjoyment, Motivation, and Self-Efficacy Towards Physical Activity Amongst Physical Therapy Students. Accepted as Poster Presentation for APTA CSM 2025

Lauren Butler, Erasmo Alvarez, Amanda Thomas, Teresa Munecas, David Capote, Erik Estevez, Isabella Satizabal, Abigail Adjei, Robert Haller, Leonardo Valdesuso, Mark Rossi.
Navigating The Path: Motivators and Barriers for Physical Therapy Students Pursuing Residency Programs or Board Certification. Accepted as Platform presentation at APTA CSM 2025

Lauren Butler, Ashley Erdman, Elliot Greenberg, DPT, PhD, Joseph Janosky DrPH, Matthew Bailey, DPT, Alexa Martinez, DPT, Sophia Ulman, PhD.
Gender Bias in Exercise Prescription during Rehabilitation after Anterior Cruciate Ligament Reconstruction
Accepted as Platform session for APTA CSM 2025

Lauren Butler, DPT, Sophia Ulman, PhD, Dylan Roman, DPT, Cody Walker, ATC, Taylor Douthit, DPT, Christopher Kuenze, PhD, ATC, ARROW, Shelby Baez, PhD, ATC.
THE RELATIONSHIP BETWEEN PSYCHOLOGICAL READINESS TO RETURN TO SPORT AND KINESIOPHOBIA IN ADOLESCENTS AND YOUNG ADULTS AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION
Accepted as Poster presentation for APTA CSM 2025

Lauren Butler, DPT, Sophia Ulman, PhD, Dylan Roman, DPT, Cody Walker, ATC, Taylor Douthit, DPT, Christopher Kuenze, PhD, ATC, ARROW, Shelby Baez, PhD, ATC.
PHYSICAL ACTIVITY AND PSYCHOLOGICAL READINESS TO RETURN TO SPORT AFTER ANTERIOR CRUCIATE LIGAMENT RECONSTRUCTION.
Accepted as Poster presentation for APTA CSM 2025

Dylan P. Roman, DPT, Sophia Ulman, PhD, Lauren Butler, DPT, Cody Walker, ATC, Taylor Douthit, DPT, Christopher Kuenze, PhD, ATC, ARROW, Shelby Baez, PhD, ATC.
Age and Sex Differences in ACL-RSI Subscale Scores of Emotion, Risk-Appraisal, and Confidence after ACL Reconstruction.
Accepted as Poster presentation for APTA CSM 2025

Lauren Butler, DPT, Alexa Martinez, DPT, Gabriel Cardenas, MPH, Margaret Wright, MD, Dai Sugimoto, PhD, ATC.
KINESIOPHOBIA AND QUALITY OF MOVEMENT AT THE TIME OF RETURN TO SPORT AFTER ACL RECONSTRUCTION.

Accepted as Poster presentation for APTA CSM 2025.

Lauren Butler, Sophia Ulman, Joseph Janosky, Kevin Latz, Gregory Knell, Jason Targoff, Nick Garcia.

Are recreational sports a solution for the future or a relic of the past?

Accepted as instructional course. PRISM Annual Meeting 2025.

Lauren Butler, Gretchen Oliver, Kenzie Friesen, Kaila Holtz, Jason Zaremski.

A Full Circle Approach to Overuse Injuries Associated with the Windmill Pitch in Adolescent Softball Players.

PRISM Annual Meeting 2025. Accepted as instructional course.

Lauren S. Butler, DPT.

Building Resilient Athletes.

Educational session FPTA conference 2024 Orlando Florida.

Amanda Thomas, Jennifer Kurack, SPT, Seth Cohen, SPT, Shianne Carter, SPT, Kyrel Trim, SPT Jeffrey Fernandez, MBA, Lauren Butler.

Custom Three-Dimensional Printed Foot Orthoses Reduce Pronation During Walking Gait-A Case Study.

Baptist Academic Health Week April 17, 2024. Podium.

Mitchell Ekdahl, Sophia Ulman, Lauren S Butler.

Relationship of Knee Abductor Moment to Lower Extremity Segment Acceleration During Sport-Specific Movements

Baptist Academic Health Week. April 17, 2024. Poster

Lauren Butler, Elliot Greenberg, Alexa Martinez, Joseph Janosky, Sophia Ulman.

Sex? Gender? Do these words influence ACL injury Management?

Instructional Course. Pediatric Research in Sports Medicine Society Annual Meeting. January 2024

Lauren Butler, Sophia Ulman, Joseph Janosky, Dai Sugimoto, Kevin Latz, Henry Ellis, Theodore Ganley, Mininder Kocher, Charles Washabaugh, David Howell.

Developing a complete research team: Findings from the voices heard from PRISM members.

Pre-course. Pediatric Research in Sports Medicine Society Annual Meeting. January 2024

Ashley Erdman, Sophia Ulman, Julie Dyke, James Russomano, Jonathan Santana, Tamara Valovich McLeod, Shelly Fetchen DiCesaro, Kelsie McCaffrey, Jane Chung, Kristin Hayden-Hebert, Lauren Butler.

Pointe Readiness Decision Making in Youth Ballet Dancers.

Podium. Pediatric Research in Sports Medicine Society Annual Meeting. January 2024

Nicholas Giampetruzzi, Lauren Butler, Jennifer Prue, Elliot Greenberg.

Blood Flow Restriction Training Decision Making in Adolescents Following Anterior Cruciate Ligament Injury.

Podium. Pediatric Research in Sports Medicine Society Annual Meeting. January 2024.

Nicholas Giampetruzzi, Lauren Butler, Jennifer Prue, Elliot Greenberg.

Blood Flow Restriction Training Decision Making in Adolescents Following Anterior Cruciate Ligament Injury.

Platform. APTA CSM February 2024.

Nicholas Giampetruzzi, Lauren Butler, Jennifer Prue, Elliot Greenberg.

Blood Flow Restriction Training in Adolescents Following Anterior Cruciate Injury: A survey of Current Practice Patterns.

Poster. APTA CSM February 2024.

Mitchell Ekdahl, Sophia Ulman, Lauren Butler.

Relationship of Knee Abduction Moment to Lower Extremity Segment Acceleration During Sport-Specific Movements. E-Poster.

Pediatric Research in Sports Medicine Society Annual Meeting. January 2024.

Mitchell Ekdahl, Sophia Ulman, Lauren Butler.

Relationship of Knee Abduction Moment to Lower Extremity Segment Acceleration During Sport-Specific Movements.

Platform. APTA CSM February 2024.

Lauren Butler, Alexa Martinez, Mina Entessari, Gabriel Cardenas, Dai Sugimoto.

Involved Limb Knee Valgus During a Cutting Maneuver is The Strongest Predictor of Second Anterior Cruciate Ligament (ACL) Injury After Primary ACL Reconstruction in Youth Athletes. E-Poster.

Pediatric Research in Sports Medicine Society Annual Meeting. January 2024.

Lauren Butler, Alexa Martinez, Mina Entessari, Gabriel Cardenas, Dai Sugimoto.

Involved Limb Knee Valgus During a Cutting Maneuver is The Strongest Predictor of Second Anterior Cruciate Ligament (ACL) Injury After Primary ACL Reconstruction in Youth Athletes. Poster. APTA CSM February 2024.

Michael Saper, Lauren Butler, Nicholas Giampetruzzi, Elliot Greenberg, Meredith Link, Adam Weaver.

Physical Therapy Visit Utilization is Not Associated with Hop Test Performance After Anterior Cruciate Ligament Reconstruction in Pediatric and Adolescent Athletes: A Multicenter Study. Poster. American Academy of Orthopedic Surgery Annual meeting March 7-11, 2023.

Lauren Butler, Dai Sugimoto, Ashley Erdman, Jason Yoder, Kayla Greiner, Cynthia Larroque, Kevin Latz, MD, Alex Loewen, Charles Wyatt, Amie DeVerna, PRISM Injury Prevention Research Interest Group, Sophia Ulman.

Highly Active Middle School Athletes Demonstrate Poor Motor Skill Proficiency.

E-poster. The Pediatric Research in Sports Medicine 10th Annual Meeting, February 2023.

Dai Sugimoto, Michael J. Del Bel, Lauren S. Butler

Barriers and Facilitators of Research in Pediatric Sports Medicine Practitioners.

Poster. Pediatric Research in Sports Medicine 10th Annual Meeting, February 2023.

DiSanti JS, Black A, Butler LS, Crepeau AE, Chung JS, Fetchen-DiCesaro S, Janosky JJ, Post EG, Russomano JF, Santana JA, Smurawa TM, Valovich McLeod TC

Investigating Associations Between Youth Sport Families' Sociodemographic Characteristics, Sport Participation Behaviors, and Perceptions of Youth Sport Specialization.

Poster. The Pediatric Research in Sports Medicine 10th Annual Meeting, February 2023.

Lauren Butler, Alexa Martinez, Ashley Erdman, Eryn Milian, Dai Sugimoto, Alex Loewen, Charles Wyatt, Kristin Hayden, Kirsten Tulchin-Francis, Amie DeVerna, PRISM Injury Prevention Research Interest Group, Sophia Ulman.

Concurrent Validity of the Expanded Cutting Alignment Scoring Tool (E-CAST).

Poster. The Pediatric Research in Sports Medicine 10th Annual Meeting, February 2023.

Ashley Erdman, Sophia Ulman, Julie Dyke, James Russomano, Jonathan Santana, Tamara Valovich McLeod, Shelly Fetchen DiCesaro, Kelsie McCaffrey, Jane Chung, Kristin Hayden-Hebert, PRISM Sport Specialization Research Interest Group, Lauren Butler.

Parental Perceptions of Pointe Readiness Decision Making in Youth Ballet Dancers.

Podium. The Pediatric Research in Sports Medicine 10th Annual Meeting, February 2023.

Sophia Ulman, Lauren Butler, Joseph Janosky, Christy Zwolski, Corinna Franklin, Emily Stapleton.

Creating a Screening Toolbox: What, why, how, and who's going to pay for it?

Lunch and learn. The Pediatric Research in Sports Medicine 10th Annual Meeting, February 2023.

Lauren Butler, Alexa Martinez, Apeksha Gupta, Kristin Hayden.
A Return to Sport Test Battery Does Not Predict Second Injury After Anterior Cruciate Ligament Reconstruction in Adolescent Athletes.
Podium. Pediatric Research in Sports Medicine 9th Annual Meeting 2022 and poster presentation for APTA CSM 2022.

Lauren Butler, Alexa Martinez, Apeksha Gupta, Kristin Hayden.
Quality of Movement may be an Important ACL Re-Injury Risk factor in Adolescents.
Poster. The Pediatric Research in Sports Medicine 9th Annual Meeting 2022 and Podium presentation for APTA CSM 2022.

Lauren Butler, Nicholas Giampetruzzi, Elliot Greenberg, Meredith Link, Victor Prati, Adam Weaver, Michael Saper.
Sex Affects Physical Therapy Visit Utilization After Anterior Cruciate Ligament Reconstruction in Adolescent Athletes.
Poster. The Pediatric Research in Sports Medicine 9th Annual Meeting 2022 and Poster presentation for APTA CSM 2022.

Lauren Butler, Dai Sugimoto, PhD, Charles Wyatt, MS, CPNP, Eryn Milian, PhD, Alex Loewen, MS, Ashley Erdman, MS, MBA, Sophia Ulman, PhD, Alexa Martinez, DPT, Kristin Hayden, DPT, Amie DeVerna, DPT, PRISM Injury Prevention Research Interest Group, Kirsten Tulchin-Francis, PhD.
The Reliability of The Expanded Cutting Alignment Scoring Tool (E-CAST).
Poster. APTA CSM 2021. Podium. 2020 Team Concept Conference.

Lauren Butler; Apeksha Gupta; Amie DeVerna; James Moore; Kevin Latz' Cassidy Foley Davelaar; Dai Sugimoto.
Physical Literacy in Elementary Physical Education: A Survey of Fundamental Movement Skill Practice Patterns.
Poster. APTA CSM 2020. Podium. PRISM 2020. 2020 APTA CSM award for Social Responsibility.

Lauren Butler; Eryn Milian; Kevin Latz; Henry Ellis; Alexa Martinez; Kristin Hayden; Christian Gerstenkorn; Sara Carpenito; Amie DeVerna; Charles Wyatt; Joseph Girardi; Kayla Weber; Ryan Heilman; Maria Mena; Andrew Koss; Dai Sugimoto.
Reliability of a Qualitative Scoring System of Trunk and Limb Alignment During a 45-Degree cut.
Poster. APTA CSM 2020 and PRISM 2020.

Lauren Butler; Eryn Milian; Amie DeVerna; Jeonghoon Oh; Moataz Eltoukhy; Cheryl Gimenez.
The relationship between visually identified movement errors and frontal plane knee moments during sidestep cutting. Poster.
APTA CSM 2019 and PRISM 2019.

Lauren Butler; Eryn Milian; Amie DeVerna; Jeonghoon Oh; Moataz Eltoukhy; Cheryl Gimenez.
The effect of weight bearing dorsiflexion range of motion on lower extremity kinematics during a 45-degree cut.
Poster. at APTA CSM Feb. 21-24, 2018 and PRISM 2018.

Apanovitch EK, Hurst M, Chapell E, Smith G, Lehnert D, Martinex A, Butler L, DeVerna A, Gimenez C, Martorelli C, Eltoukhy M, Oh J.
Validation of a clinical screening tool to identify anterior cruciate ligament risk in adolescent athletes during a 45-degree cut.
Poster. APTA CSM Feb. 15-18, 2017.

Butler L, Apanovitch EK, DeVerna A, Eltoukhy M, Oh J, Martinex A, Lehnert D, Hurst M, Smith G, Chapell E, Gimenez C, Martorelli C.

Validation of a clinical screening tool to quantify lower extremity weight bearing symmetry during a drop vertical jump and overhead squat.
Poster. APTA CSM Feb. 15-18, 2017.

Funded/In Review Grant Activity:

Authorship: Co-Investigator, lead on data collection
Nature: Development and Validation of a Cost-Effective Protocol for Objective Quantification of Muscle/Tendon Function in Chronic Tendinopathy
Funder: US Department of Defense, Congressionally Directed Medical Research Program

Current/Active Research Activity:

Lauren Butler, Adam Weaver, Christopher Kuenze.
From Challenges to Change: Overcoming Hurdles to Clinician Driven Research.
No funding
Under review with Journal of Athletic Training

Lauren Butler, David Capote, Amanda Thomas, Teresa Munecas, Erasmo Alvarez, Alexa Almonte, Madeline Dawson, Mikayla Kerekes, Jordan Hale, Kaitlyn Mitchell, Mark Rossi.
Enjoyment, Motivation, and Self-Efficacy Towards Physical Activity Amongst Physical Therapy Students. In review with The Internet Journal of Allied Health Sciences and Practice.
No funding

Lauren Butler, Erasmo Alvarez, Amanda Thomas, Teresa Munecas, David Capote, Erik Estevez, Isabella Satizabal, Abigail Adjei, Robert Haller, Leonardo Valdesuso, Mark Rossi.
Navigating The Path: Motivators and Barriers for Physical Therapy Students Pursuing Residency Programs or Board Certification. In review with The Internet Journal of Allied Health Sciences and Practice.
No funding

Dylan P. Roman, DPT, Sophia Ulman, PhD, Lauren Butler, DPT, Cody Walker, ATC, Taylor Douthit, DPT, Christopher Kuenze, PhD, ATC, ARROW, Shelby Baez, PhD, ATC.
Age and Sex Differences in ACL-RSI Subscale Scores of Emotion, Risk-Appraisal, and Confidence after ACL Reconstruction. In review with AJSM.
No funding

Lauren Butler, Ashley Erdman, Alexa Martinez, Sophia Ulman
Reliability and Validity of a Qualitative Hop Test Assessment Tool
No Funding
In review with Physical Therapy in Sport

Lauren Butler, Ashley Erdman, Alexa Martinez, Sophia Ulman
Reliability and Validity of a Qualitative Run Plant Assessment Tool
No Funding

Lauren Butler, Ashley Erdman, Alexa Martinez, Sophia Ulman
Reliability and Validity of a Qualitative Shuffle Plant Assessment Tool
No Funding

Lauren Butler, Sophia Ulman, Christopher Keunze
Relationship between tegner activity level and Pedi-FABS in youth athletes
No Funding

Lauren Butler, Shelby Baez Sophia Ulman, Christopher Keunze

Relationship between TSK-11 and ACL RSI in youth athletes
No Funding

Lauren Butler, Sophia Ulman
Effect of a digital physical literacy intervention on children's self-efficacy, motivation, and perceived competence toward physical activity.
No funding

Lauren Butler, Amanda Thomas, David Capote
Strength Training Knowledge and Participation Amongst Doctor of Physical Therapy Students
No Funding

Lauren Butler, Amanda Thomas, Teresa Munecas
The effect of 3D printed orthotics on LE quality of movement
No Funding

Lauren Butler, Nicholas Giampetruzzi, Adam Weaver
Adverse events with the use of Blood Flow Restriction Training in pediatric patients after ACLR.
No Funding.

Ashley Erdman, Sophia Ulman, Julie Dyke, James Russomano, Jonathan Santana, Tamara Valovich McLeod, Shelly Fetchen DiCesaro, Kelsie McCaffrey, Jane Chung, Kristin Hayden-Hebert, Lauren Butler.
Parental Pointe Readiness Decision Making in Youth Ballet Dancers.
No funding

Amanda Thomas, Lauren Butler, Teresa Munecas
3-D printed bike adaptation
No funding

Lauren Butler, Amanda Thomas, Jeffrey Fernandez, David Capote, Mark Rossi
Cross generational perceptions of weightlifting
No funding

Lauren Butler, Amanda Thomas, Erasmo Alvarez
Prevalence of neuromuscular risk factors for lower extremity injury among active individuals
No funding

Lauren Butler, Amanda Thomas, Ellen Modlin, Teresa Munecas
Physical literacy in children with physical disabilities.
No funding

Lauren Butler
Resistance training perceptions amongst dancers
No funding

Lauren Butler
The association between fear and quality of movement during return to sport test performance after ACLR
No funding

Lauren Butler
change in body mass index and psychological readiness after ACL reconstruction

No funding

Membership in Scientific/Professional Organizations:

APTA, Academy of Sports Physical Therapy
2011-Present

FPTA
2011-Present

ACL Reconstruction Rehabilitation Work Group (ARROW)
March 2024-Present
Steering Committee

Pediatric Research in Sports Medicine (PRiSM)
2017-Present
Awards committee 2024
Nominating committee PRiSM 2024
Co-Chair PRiSM Scientific Programming Committee 2022
Chair of the PRiSM Injury Prevention research interest group 2019 and 2020
PRiSM Scientific program committee member 2023
PRiSM Rehabilitation research interest group member since 2017
PRiSM Sports Specialization research interest group member 2020
PRiSM Research Committee member 2019 and 2020
PRiSM Scientific program committee 2020 and 2021
PRiSM Injury Prevention research interest group member since 2021

NCSF
2007-Present

Consultative and Advisory Positions Held:

Steering Committee
ACL Reconstruction Rehabilitation Work Group (ARROW)
March 2024-Present

Community Service:

Peer Reviewer
Frontiers in Rehabilitation Sciences
2022-Present

Peer Reviewer
Sports Health
2021-Present

Peer Reviewer
International Journal of Athletic Training and Therapy
2024-Present

Maker
TOM Global Makeathon
March 2024

Services to the University/College/School on Committees/Councils/Commissions:

University-wide
n/a

School

February 22, 2024
Interprofessional workshop

Faculty assembly member
Oct. 2023-Present

Department

Research committee member
Oct. 2023-Present

Curriculum committee member
Oct. 2023-Present

Admissions committee member
Oct. 2023-Present

Honors and Awards:

2021 Pediatric Research in Sports Medicine National Achievement in Physical Therapy
award recipient.
Pediatric Research in Sports Medicine Society
February 2021.

Continuing Education Attended:

Pediatric Research in Sports Medicine 11th Annual Meeting
Anaheim, CA
Jan. 2024

APTA combined Sections Meeting 2024
Boston, MA
Feb. 2024

Pediatric Research in Sports Medicine 10th Annual Meeting
Denver, CO
Feb. 2023

Pediatric Research in Sports Medicine 9th Annual Meeting Virtual
Feb. 2022

APTA Combined Sections Meeting
Virtual
Feb. 2022

Level 1 Blood Flow Restriction Training
Miami, FL
Apr. 2021

American Physical Therapy Association Combined Sections Meeting
Virtual
2021

Pediatric Research in Sports Medicine Society 8th Annual Meeting
Virtual
2021

University of Miami Residency Programs Faculty Retreat: Grit, Resilience, and Burnout
Virtual
2021

Pediatric Research in Sports Medicine Society 7th Annual Meeting
Glendale, AZ
Feb. 202

APTA Combined Sections Meeting
Denver, CO
2020

Pediatric Research in Sports Medicine Society 6th Annual Meeting
Children's Healthcare of Atlanta. Buckhead, GA
Feb. 2019

Current Teaching Responsibilities in the Entry-Level Program for Academic Year of program review

PHT 6125 Clinical Biomechanics
Type: Primary (Joshua Davis)
Role: Instructor

PHT 6625 Advanced Physical Therapy Clinical Research Methodologies & Design
Type: Primary (Mark Rossi, Edgar Viera)
Role: Instructor

PHT 5174 L Analysis of Movement Lab
Type: Other (Primary Erasmo Alvarez)
Role: Lab assistant

PHT 6973C DPT Project III
Type: Primary
Role: Instructor

PHT 5805 Clinical Experience I
Type: Primary
Role: Instructor

PHT 6817 Clinical Experience II
Type: Primary
Role: Instructor

PHT 6905 Independent Study
Type: Primary
Role: Instructor

PHT 6827 Clinical Experience III
Type: Primary
Role: Instructor

PHT 6970 DPT Project 1
Type: Primary
Role: Instructor

PHT 5205L Clinical Skills Lab
Type: Primary (Michelle Garcia-Casals)

Role: Instructor

PHT 6325 Advanced Clinical Pediatric Physical Therapy

Type: Primary (Amanda Thomas, Jeffrey Fernandez, Tatiana Fernandez)

Role: Instructor

PHT 6127 Advanced Pathological Movement Analysis

Type: Primary (Jeffrey Fernandez)

Role: Instructor

6169L Neuro Diagnosis and management Lab III

Type: Other (primary Amanda Thomas)

Role: Lab assistant

PHT 6972C DPT Project II

Type: Primary

Role: Instructor

PHT 6828 Clinical Internship IV

Type: Primary

Role: Instructor

