

CURRICULUM VITAE

Brittney Millspaugh-Storms, PT, DPT, MBA, NCS, LSVT Big cert

Education:

Graduate Certification in Human Anatomy (12 credit hours)

Hardin-Simmons University

Graduate Human Anatomy

August 2022

Master of Business Administration (64 credit hours)

Southwest Baptist University

Business Administration

July 2012

Doctor of Physical Therapy (154 credit hours)

Southwest Baptist University

Bolivar, Missouri

Physical Therapy

May 2010

Bachelor of Arts (120 credit hours)

Anderson University

Anderson, Indiana

Biology with emphasis in molecular biochemistry and genetics

May 2007

Licensure Information:

PT license-active status

Indiana

05010361A

Certifications:

ABPTS

Neurologic Physical Therapy 2016-2036

Re-certified June 2026

Certificate # 47841

LSVT BIG

Certification (re-certified June 2026)

2024-2028

Pelvic Health Level 1

2010-perpetuity

Phlebotomist Certification

State of Indiana

2004-perpetuity

Laboratory sample management and blood collection

Y Scuba

Advanced Open Water

2006-perpetuity

PADI

Deep Diver

2017-perpetuity

PADI

Lion Fish Hunting

2018-perpetuity

PADI

Night Diver

2019-perpetuity

PADI

Search and Recovery

2021-perpetuity

PADI

Rescue Diver

2024-perpetuity

PADI

Oxygen Provider

2024-perpetuity

Employment and Positions Held:

Associate Professor

Anatomist, Lab Director

Indiana Wesleyan University

Marion, Indiana

April 2023-Current

Staff Physical Therapist (PRN)
Ascension St. Vincent Mercy Hospital
Elwood, Indiana
August 2024-Current

Assistant Professor
Tenure Tract
Saint Mary-of-the-Woods College
Saint Mary-of-the-Woods, Indiana
August 2022- April 2023

Assistant Professor
Tenure Tract
Indiana State University
Terre Haute, Indiana
August 2015 – August 2022

Staff Physical Therapist (PRN)
Indiana State Physical Therapy and Sports Rehabilitation
Terre Haute, Indiana
July 2017- July 2023

Staff Physical Therapist
St. Vincent Anderson Regional Hospital (Formerly St. John's Hospital) 6/2010-
12/2016
Anderson, Indiana
June 2010-July 2015-Full-time
July 2015-January 2016-PRN

Teaching Assistant 2003-2010
Human Anatomy-3 years
Molecular Genetics-2 years
Microbiology-2 years
Cellular Biology-3 years
Zoology (animal cell structure and function)-2 years

Physical Therapy Technician
St. Vincent Anderson Regional Hospital (Formerly St. John's Hospital)
Anderson, Indiana
May 2003-May 2007 PRN school year, full-time summer

Laboratory Technician

St. Vincent Anderson Regional Hospital (Formerly St. John's Hospital)
Anderson, Indiana
May 2003-May 2007 PRN school year, part-time summer

Experience Related to Sciences and Medicine

Experience in the following areas:

Gross Human Anatomy-9 years

Human cadaver dissection (~190 individual cadavers)

Dissection (non-cadaver)

Preparation

Cause of death

Identification of illness/injury

Identification of fields of employment/lifestyle

Histology-4 years

Tissue preparation

Tissue collection

Sample preparation

Slide preparation

Identification of illness/injury

Identification of specific tissues/substance

Microscopy-9 years

Slide preparation

Identification of normal vs abnormal samples

Identification of cell structure/type

Identification of cellular substances

Identification of bacterium

Genetics-2+ years

DNA preparation

DNA analysis including PCR

ELISA

Gel electrophoresis

Gel, tube, slant, and dish preparation and use

Peer Reviewed Scientific and Professional Publications:

Storms, B.M., Murray, Z. (2026) Atypical Presentation and Clinical Implications of an Unusual Flexor Pollicis Longus Slip with Insertion into Flexor Indicis Profundus with Simultaneous Presentation of an Accessory Abductor Digiti Minimi Slip. American Association for Anatomy Annual Meeting; April 17-20 Albuquerque, NM.

*Publication expected August 2026

Storms, B.M., Surber, C., Keller, J. (2026). Cadaver-Based Anatomy Education in Applied Health Professions: Implications for Athletic Training Programs. American Association for Anatomy Annual Meeting; April 17-20 Albuquerque, NM.

*Publication expected August 2026

Storms, B. M., Lowe, K., & Crump, C. (2025). *Collaboration with Art + Design and Physiotherapy Students May Improve Critical Thinking, Observational Skills, and Communication by Creating Educational Diagrams* [Poster presentation]. World Physiotherapy Congress 2025, Tokyo, Japan. <https://doi.org/10.82161/sb7f-d242>

Storms BM, Lesh SG. Exploring a unique accessory head and attachment of the biceps brachii muscle: a case report. *Anat Sci Educ*. 2025;18(Suppl 1). Presented at: Anatomy Connected 2025, American Association for Anatomy Annual Meeting; March 28-April 1, 2025; Portland, OR. doi: 10.1002/ase.70049

Storms BM, Chaleunphonh M, Lushin L. Atypical presentation and clinical implications of a dual-headed abductor pollicis longus with tertiary inter-tendon muscle belly. *Anat Sci Educ*. 2025;18(Suppl 1). Presented at: Anatomy Connected 2025, American Association for Anatomy Annual Meeting; March 28-April 1, 2025; Portland, OR. doi: 10.1002/ase.70049

Storms, B.M., Lowe, K. (2024) Feasibility of teaching simplified anatomic renderings to clinicians for improved patient education. *Anatomical Sciences education*. 2024;17:1-196. doi:10.1002/ase.2470

Storms, B.M., Juber, H., Lushin, L., (2024) Description and clinical implications of a unique teres minor variation. Anatomy Connected 2024 Scientific Abstracts. *Anatomical Record: Advances in Integrative Anatomy & Evolutionary Biology*. 2024;307:S1-S201. doi:10.1002/ar.25522

Storms, B.M., Setka, A., Storms, J., Stradling, A., Baygani, P., & Rayburn, H. (2023). What Are the Current Research and Trends in E-Sports in Physical Therapy?: SPO65. *J Orthop Sports Phys Ther* 2023;53(2):CSM147–CSM191. DOI:10.2519/jospt.2023.53.2.CSM147

Millspaugh Storms, Brittney; Lesh, Steven G. *Medicine & Science in Sports & Exercise*. 2022 Supplement, Vol. 54 Issue 9S, p184-185. 2p. DOI: 10.1249/01.mss.0000877376.33600.5c. ,

Storms, B., Cain, C., Collman, H., McKinstry, B., Vadeboncouer, A., (2022) Effect of BWSTT on Functional Mobility for a Neurologically Atypical Adult with Chronic Gait Deviations *Journal of Neurologic Physical Therapy* 46(1):p 56-69, January 2022. | DOI: 10.1097/NPT.0000000000000389

Kiesel, J., Coover, D., Stevens, D., Millspaugh Storms, B., Urban, W., (2020) Helping Underserved Children Make Healthy Choices through Outreach and Education Utilizing Diseased Organs. *Journal of Health Administration and Policy*.
<https://apta.confex.com/apta/csm2020/meetingapp.cgi/Paper/24607>

Millspaugh Storms, B., Coover, D., Markham, J., Underwood, D., (2018). Benefits of Tango, Boxing, and LSVT Big Interventions for Parkinson Disease. *Journal of Neurologic Physical Therapy*. 42(1):44–56, JAN 2018 DOI: 10.1097/NPT.000000000000206

Millspaugh Storms, B., Coover, D., Shaffer, J., Abshire, D., Vogel, J., (2018). Body Weight Support Treadmill Training and High-Intensity Interval Training Effects on Gait Performance in Chronic Cerebrovascular Accident: A Case Study. *Journal of Neurologic Physical Therapy*. 42(1):44–56, JAN 2018 DOI: 10.1097/NPT.000000000000206

Coover, D., Millspaugh Storms, B., Fitch, A. (2017). Chemical and Histological Analysis of Leptomenigeal Plaques. *FASEB Journal*, 31(1)1b703
DOI: [10.1096/fasebj.31.1b703](https://doi.org/10.1096/fasebj.31.1b703)

Ladyman, M., Millspaugh Storms, B., Bennett, S., Marshall, K., Cook, A., (2017). Does a dance and activity-based intervention for the Down syndrome population affect the physical limitations (social interaction, manual dexterity, and balance control) associated with employment?. *JAOTA*, 71(4)

Gurovich, A., Coover, D., Millspaugh Storms, B., Terry, K., (2016)Combining Physiology and Heath Care Professions Education in rural High School-aged Students: High Tech PhUn!. *FASEB Journal*, 30(1) 553.3

Millspaugh Storms, B., McNeal, B., (2011) Effectiveness of a One Time Visit for a Patient with Cerebrovascular Accident in An Impoverished South American Community. *HPA Resource*, 11(1)

Millspaugh Storms, B., (2011) Ambulation with Bilateral Bioness L300 Units on a T4 Incomplete Spinal Cord Injury.
JNPT, 35(1)

*Note: The above publications were presented as posters at the corresponding organization with subsequent publication in the associated journal

Non-Peer Reviewed Presentations:

Millspaugh Storms, B., (2007) Partial Articulation and Display of the Anderson University Mastodont. Anderson University (n.d.).

Funded/In Review Grant Activity:

Alvaro Gurovich, PT, PhD, Brittney Millspaugh Storms, PT, DPT, MBA, NCS
ISU Local Travel Grant
\$900.00

Providing transportation to Prevail Prosthetics and Orthotics in Indianapolis for DPT students and faculty
Awarded August 2016

Brittney Millspaugh Storms, PT, DPT, MBA, NCS Tiffany Idlewine, PT, DPT, OCS
ISU Center for Community Engagement Grant
\$1,400.00

Matching for Indiana Campus Compact Grant for providing education regarding concussions and baseline screens for youth football
Awarded July 2016

Brittney Millspaugh Storms, PT, DPT, MBA, NCS Tiffany Idlewine, PT, DPT, OCS
Indiana Campus Compact
\$2850.00

Providing education regarding concussions and baseline screens for youth football program
Awarded June 2016

Brittney Millspaugh Storms, PT, DPT, MBA, NCS
ISU Local Travel Grant
\$1,200.00

Providing transportation to Prevail Prosthetics and Orthotics in Indianapolis for DPT students and faculty
Awarded August 2017

Brittney Millspaugh Storms, PT, DPT, MBA, NCS
ISU Local Travel Grant
\$1,600.00

Providing transportation to Prevail Prosthetics and Orthotics in Indianapolis for DPT students and faculty
Awarded August 2018

Brittney Millspaugh Storms, PT, DPT, MBA, NCS

Good-Sports Equipment Grant

\$25,000.00

Provides equipment for students to use with children while providing health education and physical activity.

Awarded June 2019

Brittney Millspaugh Storms, PT, DPT, MBA, NCS

Duke Energy Community Grant

\$10,000.00

Provides equipment/educational needs for students to provide health education and physical activity for local children.

Awarded July 2020

Brittney Millspaugh Storms, PT, DPT, MBA, NCS

New Faculty Scholarship Grant-Indiana Wesleyan University

\$5,000

Provides funds for travel related to scholarship presentation and awards

Current/Research Activity:

Atypical development of heterotrophic ossification post spinal fusion

Ongoing project

Effect of Exercise on the Retention of Novel Learning in Young Adults

Ongoing project

Should anatomic variation be taught in gross anatomy for rehabilitation specialists?

Ongoing project

Presentations:

Breaking the Bite Barrier: Building Confidence for Evaluation and Treatment of Temporomandibular Dysfunction

CSM 2026 Education Session

<https://apta.confex.com/apta/csm2026/meetingapp.cgi/Session/23523>

“Praying for the Dead”

April 2025

<https://religionnews.com/2025/04/14/making-friends-with-the-dead-for-their-first-funerals-aspiring-ministers-take-a-trip-to-a-cadaver-lab/>

Homonymous Hemianopia as a presenting symptom in a 14 year old athlete post concussion

6/2022 San Diego
American College Sports Medicine

TEDx Women's Program (<https://www.youtube.com/watch?v=-HxY0svuXc>)
Indiana State University
12/2021

BWSTT on Functional Mobility for a Neurologically Atypical Adult with Chronic Gait Deviations
APTA CSM February 2022

Underserved Children Make Healthy Choices through Outreach and Education Utilizing Diseased Organs.
APTA CSM February 2000

Concussion Management in a Community Based Youth Tackle Football Program
ASHA Oct 2018 presentation

Benefits of Tango, Boxing, and LSVT Big Interventions for Parkinson's Disease
APTA CSM February 2018

Body Weight Support Treadmill Training and High-Intensity Interval Training Effects on Gait Performance in Chronic Cerebrovascular Accident: A Case Study.
APTA CSM February 2018

Chemical and Histological Analysis of Leptomeningeal Plaques.
Experimental Biology April 2017

Does a dance and activity-based intervention for the Down syndrome population affect the physical limitations (social interaction, manual dexterity, and balance control) associated with employment?
AOTA April 2017

Combining Physiology and Health Care Professions Education in rural High School-aged Students: High Tech PhUn!
Experimental Biology 2016

Effectiveness of a One Time Visit for a Patient with Cerebrovascular Accident in An Impoverished South American Community
APTA CSM February 2011

Ambulation with Bilateral Bioness L300 Units on a T4 Incomplete Spinal Cord Injury
APTA CSM February 2011

*Note: The above publications were presented as posters at the corresponding organization with subsequent publication in the associated journal

Membership in Scientific/Professional Organization

American Association of Anatomy 2023-current
Education member

APTA Membership-September 2014-current
Neuro Section Member
Education Section Member
Health Policy and Administration Section Member
Indiana Chapter Member

APTA membership-April 2008- April 2011
Neuro Section Member
Missouri Chapter Member

Consultative and Advisory Positions Held:

Promethius Entertainment
Consultant (details limited due to NDA)
Nova Scotia, Canada
Summer 2019-2021

Indiana State Police/Federal Bureau of Investigation
Expert Consultant for Gait Analysis (details limited)
Spring 2019-Fall 2024

Member of the Terre Haute Boys and Girls Club Board of Directors
April 2017-Current

Rose-Hulman Institute of Technology
Consultant for BioMedical Engineering Program
July 2016-Spring 2019

Member of Board Transformation Board
Boys and Girls Club of America
June 2017-June 2018

Guest Lecturer Depaw University
Greencastle, Indiana
April 2018

Guest Lecturer Indiana University School of Medicine-Terre Haute

February 2018

Guest Lecturer Depaw University
Greencastle, Indiana
April 2017

Guest Lecturer Indiana University School of Medicine-Terre Haute
February 2017

Community Service:

- International Service
 - Dominican Republic Global Trip
La Romana, DR
3/2026
 - Dominican Republic Global Trip
La Romana, DR
3/2025
 - Ecuador Global Trip
Quito, Ecuador
03/2024
 - Timothy Global Health
Monte Cristi/Mao, Dominican Republic
01/2020
 - Sandals Foundation
Ocho Rios, Jamaica
3/2019
 - Timothy Global Health
Mao, Dominican Republic
01/2019
 - Timothy Global Health
Mao, Dominican Republic
01/2018
 - Sandals Foundation
Ocho Rios, Jamaica
3/2016
 - Sandals Foundation
Ocho Rios, Jamaica
3/2016
 - Sandals Foundation
Savanah La Mar, Jamaica
4/2015

- Sandals Foundation
Ocho Rios, Jamaica
4/2014
- Sandals Foundation
Ocho Rios, Jamaica
4/2013
- First Baptist, Bolivar Missouri Medical Missions
San Salvador, El Salvador
07/2011
- Medical Missions International
Arequipa, Peru
11/2009
- Home of Loving Faithfulness
Hong Kong
05/07-08/07
- Siete
Ensenada, Mexico
7/06-08/06
- Home of Loving Faithfulness
Hong Kong
05/05-08/05
- Community and Volunteer Work
 - ICAN Puppy Love
January-February 2025
 - ICAN Puppy Love
January-February 2024
 - Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
Summer 2023-Fall Oct 2023
 - Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
Summer 2022-Fall Oct 2022
 - Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
Summer 2021-Fall Oct 2021
 - Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
Summer 2020-Fall Oct 2020
 - Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
Summer 2019-Fall Oct 2019
 - Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
Summer 2018-Fall Oct 2018
 - Terre Haute Boys and Girls Club

- Terre Haute, Indiana
- Weekly with DPT Students
- 1/2016-8/2023
- 2-4hrs weekly during the public school calendar
- Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
- Summer 2018-Fall Oct 2018
- Terre Haute Boys and Girls Club Summer Programing
- ~300 hrs Summer 2018
- Foster Grandparents
- Oct 2018, Oct 2019, Oct 2021
- Rural Health Initiative Coalition Community Health Fair
- Terre Haute, Indiana
- 10/14/2017
- Foster Grandparents
- 10/20 and 10/27/2017
- Union Health Pediatric Therapy Fund 5K and Fun-Run
- Terre Haute, Indiana
- 9/20/17
- Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
- 4 days per week, 4-8hrs per day
- July 22-Aug 10, 2017
- Rural Health Initiative Coalition Community Health Fair
- Terre Haute, Indiana
- 11/2/2016
- Foster Grandparents
- 10/20 and 10/27/ 2016
- Blues at the Crossroads
- Terre Haute, Indiana
- 9/20/16
- Terre Haute Boys and Girls Club Youth Tackle Football Concussion Program
- Daily 4-8hrs
- July 18-Aug 5, 2016
- Foster Grandparents
- Terre Haute, Indiana
- 10/23/2015 &10/30/2015
- Rural Health Initiative Coalition
- Terre Haute, Indiana
- 10/26/15
- Indiana University Health Fair
- Terre Haute, Indiana
- 10/24/15
- The Color Run

- Terre Haute, Indiana
8/20/2015
- Indiana Canine Assist Network
Speedway, Indiana
12/2013-current
- United Way
Anderson, Indiana
6/2010-7/2015
- St. John's Foundation
Anderson, Indiana
6/2010-7/2015
- Horses of Hope
Buffalo, Missouri
08/2007-05/2010
- Ronald McDonald House
Springfield, Missouri
10/2005-5/2010

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

- Service Animal Taskforce
Indiana Wesleyan University
Nov 2024-Current
- Enrollment Management Committee
Indiana Wesleyan University
August 2023-Current
- Athletic Committee
Indiana Wesleyan University
August 2023-Current
- BioSafety Committee
Indiana State University
Oct 2021-July 2022
- Academic Advisor
Doctor of Physical Therapy Program
May 2016-current
- Faculty Advisor
Student Physical Therapy Association
August 2017-current
- Community Outreach Committee-Chair
Physical Therapy Program
Indiana State University
08/2015-current
- Policy Committee

Physical Therapy Program
Indiana State University
08/2015-Fall 2020

- Student Enrichment-Chair
Physical Therapy Program
Indiana State University
8/2017-current
- Research Taskforce-chair
Department of Applied Medicine and Rehabilitation
08/2017-5/2020
- University Student Success Council-member
Indiana State University
08/2017-06/2018
- Speaker Series Committee-member
Applied Medicine and Rehabilitation Department
10/2016-Fall 2018
- Speaker Series Committee-member
Applied Medicine and Rehabilitation Department
10/2016-Fall 2018
- Faculty Advisor
Undergraduate Physical Therapy Club
September 2015-May 2018
- Professionalism Taskforce-Chair
Physical Therapy Program
Indiana State University
01/2016-August 2018
- Marketing and Alumni Affairs Committee-Member
Physical Therapy Program
Indiana State University
08/2015-8/2017
- Curriculum Development Committee
Department of Health and Human Services
Indiana State University
09/2015-12/2017
- Home Coming Committee
College of Health and Human Services
Indiana State University
08/2015-08/2016
- Clinical Instructor University of Indianapolis-2 PTA student, 5 PT students, 1 PT intern-October 2012 to July 2015
- Ivy Tech-3 PTA students
May 2011- July 2015
- Indiana University-1 PT student
January 2014 to July 2015

- University of Evansville-2 PT students
May 2012 to July 2015
- Staff Educator
St. Vincent Anderson Regional Hospital
Sept 2011-July 2015
- Guest Lecturer
Southwest Baptist University
December 2014
- Guest Lecturer
Anderson University
April 2012

Honors and Awards:

- Blue Ribbon
Global Health SIG
APTA
02/2020
- Faculty Service Award
Dept of Health and Human Services
Indiana State University
08/2019
- Career Center Faculty Recognition
Indiana State University
07/2019
- Volunteer Hero
Indiana State University
09/2017
- Faculty Center for Teaching Excellence
Lily Conference Honor
Indiana State University
11/2016
- L.O.V.E.D award
St. Vincent Anderson Regional Hospital
09/2012
- CSM "Social Responsibility" Poster Award
HPA Global Health Sig
02/2011
- Bill Carl Service Award
Southwest Baptist University
05/2010
- Distinguished Student Scholarship

St. John's Hospital

01/07-2010

- Anderson Servant Leader Honor
City of Anderson Indiana and Anderson University
05/2007

Continuing Education Attended:

- APTA CAPTE Self Study Workshop Summer 2026
- LSVT-Big Recertification June 2026
- Anatomy Connected 2026-5 sessions attended
- Combined Sections Meeting 2026-5 sessions attended
- Anatomy Connect 2025-7 sessions attended
- Combined Sections Meeting 2025-6 sessions attended
- Anatomy Connect 2024-9 sessions attended
- Combined Sections Meeting 2024-7 sessions attended
- Combined Sections meeting 2022-8 sessions attended

Current Teaching Responsibilities in the Entry-Level Program:

- Year 1
 - Summer Term
 - DPT 701 Anatomy
 - Course Coordinator
 - Primary Course Instructor
- Year 2
 - Summer Term
 - DPT 705 Neuroscience
 - Course Coordinator
 - Primary Course Instructor
- Year 3
 - Fall Term
 - DPT 725 Therapeutic Skills V
 - Spring Term
 - Elective LSVT-BIG
 - Elective Functional Anatomy