

CURRICULUM VITAE

Joseph Bryan Southerland, PhD, PT, MBA

Education:

- Arkansas State University. Jonesboro, AR (August 2022- Fall 2024). Masters of Business Administration, Finance and Financial Analysis.
- University of Central Arkansas. Conway, Arkansas. (From June 2018 to August 2022). Physical Therapy emphasis in Human Biomechanics/Rehabilitation Research. Doctor of Philosophy. Honors Graduate, Honors Qualifying Exam
- Hardin-Simmons University. Abilene, TX. (From June 2021 to May 2022). Clinical Anatomy. Certified Clinical Anatomy Instructor
- Arkansas State University. Jonesboro, Arkansas. (From June 2006 to December 2008). Master of Physical Therapy (Graduation 13 December 2008). Cum Laude
- Arkansas State University. Jonesboro, Arkansas. (From August 2002 to August 2006). Physical Education, Exercise Science Emphasis, Master of Science (Graduation 5 August 2005). Magna Cum Laude
- East Arkansas Community College. Forrest City, Arkansas. (From January 2000 to May 2002). General Studies, Associates of Arts (Graduation 27 May 2002). Magna Cum Laude

Licensure Information / Registration Number:

- Arkansas State Board of Physical Therapy, PT #3120, Issued 01/20/09.

Certifications:

- Certified Clinical Gross Anatomy Instructor. Hardin-Simmons University. 2021
- Certified Senior Strength Trainer. International Weightlifting Association. 303/29/2014
- Basic Life Support (BLS); American Heart Association 2009-Current
- Advanced Life Support (ALS); American Heart Association 2012-2018

Employment and Positions Held:

- Assistant Professor, Tenure Track. Arkansas State University. College of Nursing & Health Professions, Physical Therapy Programs. Jonesboro, AR (August 2022 – Present).
- Assistant Professor, Non-Tenured. Arkansas State University. College of Nursing & Health Professions, Physical Therapy Programs. Jonesboro, AR (August 2020 – August 2022).
 - Gross Anatomy Laboratory Director/Coordinator. (August 2020- August 2022)
- Owner/Physical Therapist. Performance Physical Therapy, PLLC. Forrest City, AR (June 2012 – Present).
- Peer Reviewer/Auditor. EQHealth. Remote (January 2014-March 2016)
- Staff Physical Therapist. Kids for the Future Therapy Group. Forrest City, AR (Jan 2009- May 2020).
- Staff Physical Therapist (PT and PRN). Forrest City Medical Center. Forrest City, AR (Jan 2009- April 2020).
- Staff Physical Therapist. East Arkansas Physical Therapy. Forrest City, AR (Jan 2009 – May, 2012).
- Graduate Teaching Assistant. Arkansas State University. Department of Health, Physical Education and Recreation. Jonesboro, AR. (August 2005 – May 2006).

Peer Reviewed Publications:

- “An Exploration of Physical Therapy Dosage in Pediatrics Using Comparative Regression Discontinuity Analysis”

Peer Reviewed Scientific and Professional Presentations: None**Non-Peer Reviewed Publications: N****Non-Peer Reviewed Presentations: None****Funded / In Review Grant Activity: None****Current / Active Research Activity:**

- “Upper Extremity Stability and Shoulder Pathology in Swimmers”
- “Normative and Dysfunctional Temporal and Spatial Pediatric Gait Patterns”
- “Comparative Analysis of Temporal and Spatial Gait Parameters in Developmentally Delayed Pre-Kindergarten Children Using Gait Analysis Systems”. Submitted December 2023
- “Examining Pediatric Gait Patterns: The Influence of Footwear and Weight Vests on Spatial and Temporal Characteristics”
In progress

Membership in Scientific/Professional/Honorary Societies:

- American Physical Therapy Association (2014 to present)
 - Pediatric Section (2014 to present)
- Arkansas Physical Therapy Association (2012 to present)
- American College of Sports Medicine (2007 to 2010)
- National Strength and Conditioning Association (2007 to 2010)
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Honors:

Aug 2022	Honors PhD graduate
Nov 2020	Passed PhD Qualifying Exam with honors answers in 4 of 5 questions: Advanced Biomechanics, Evidence-Based Practice, Lifespan Movement Analysis, Research Design/Statistics.
Dec 2009	Cum Lauda Graduate
June 2009	Most Active Physical Therapy Student
May 2005	Magna Cum Lauda Graduate
2002, 2005	National Scholars Honor Society

Consultative and Advisory Positions Held:

- Clinical and research consultant. Kids for the Future therapy group. October 2019-June 2020

Community Service:

- Quality Assurance Committee, Kids for the Future Therapy Group, September 2019- May 2020
- Athletic physicals, Eastern Arkansas Region, Various.
- Volunteer medical athletic staff, Eastern Arkansas Region at various schools, 2010-Current

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

- Arkansas State University College of Nursing and Health Professions Undergraduate Graduation and Academic Appeals Committee (2023-2026))
- Arkansas State University Department of Physical Therapy Hiring Committee (January 2023-May 2023)
- Outreach and recruitment to Eastern Arkansas Delta Schools by presenting general gross anatomy and promoting ASU to increase student awareness and interest.
- Arkansas State University Physical Therapy Admissions Committee Chair (2020- current)
- Arkansas State University Physical Therapy Curriculum Committee (2020-Current)
- Arkansas State University Department of Physical Therapy faculty search committee (2020-current)
- Arkansas State University College of Nursing and Health Professions Research Committee (Aug 2021-current)
- Arkansas State University Department of Physical Therapy Hiring Committee (2021-2022)
- Arkansas State University Remediation of students (2020-current)

- Arkansas State University DPT student cohort advisor (2020-current) (30 students)
- Arkansas State University Admissions Informational Sessions (Lead Presenter)
- Arkansas Pediatric SIG (2023-current)- Founding member, Chair of Research

Service to Scientific/Professional Honorary Societies: None

Continuing Education Workshops Attended:

- Certification in Clinical Gross Anatomy Instruction; 2021 Hardin-Simmons University
 - Certification course including five three credit hour courses over the span of one year taught by the faculty at Hardin-Simmons University Department of Physical Therapy
- Completion of PT Faculty Workshop: Pagliarulo and Associates, Inc; June 13-20 June 2021
- University of Central Arkansas, PhD coursework counting toward CEU's for the previous 4 years include 60 credit hours total. Courses were as listed below:
 - Advanced Biomechanical Analysis and Kinesiological Analysis (Spring 2019)
 - College Teaching (Summer 2019)
 - Professional Leadership (Spring 2020)
 - Data Analysis (Spring 2019)
 - Advanced Research (Spring 2019)
 - Directed Study (Fall 2020)
 - Theory and Practice of Evidence Based Practice in PT (Fall 2018)
 - Grant Writing (Summer 2018)
 - Advanced Psychological Statistics (Summer 2019)
 - Research Design (Fall 2019)
 - Lifespan Movement Analysis (Fall 2019)
 - Application of the General Linear Model (Summer 2020)
 - Dissertation (Spring 2020 to August 2022)
- Handle with Care (4 parts). Kids for the Future, Forrest City, AR 4 different dates in 2017 (8 contact hours)
- Health and safety (4 parts). Kids for the Future. Forrest City, AR. 4 Dates in 2017 (8 contact hours).
- Demulsifying lab values. PESI, Memphis, TN, March 21, 2017 (6 contact hours).
- Professionalism: Confidentiality and the Code of Conduct. Kids for the Future, Forrest City, AR. July 27, 2015 (2 contact hours).
- Handle With Care. Kids for the Future. Forrest City, AR. May 7, 2015 (2 contact hours).
- Complex Regional Pain Syndrome. Instructor Michael S. Jang. Flex Therapist (online). Dec 20, 2016. (1 contact hours)
- Zika in America. What do Healthcare Professionals Need to Know. On course learning. Online. December 20, 2016 (1 contact hours).
- Surestep Stability in Motion: Functional Solutions for the Hypotonic Gait. Jonesboro, AR. January 14, 2015 (4 contact hours)
- Clinical Management of the Prosthetic Foot. TruLife. Jonesboro, AR. April 7, 2015 (4 contact hours).
- An Overview of the Spine and Orthotic Intervention. TruLife. Jonesboro, AR. April 7, 2015 (4 contact hours).
- Visual Tools for Children with Autism. PESI. Online. February 17, 2017 (1 contact hours).
- APTA Clinical Performance Instrument for Students. American Physical Therapy Association. Jan 15, 2014. (2 contact hours)
- Understanding Parkinson's Disease and the Growth of PT as a Viable Treatment Option. American Physical Therapy Association. Jan 17, 2014 (2 contact hours).
- Weightlifting for Function, Fitness and Rehabilitation. Instructor Pearlas Sanborn, PT, MBA. International Weightlifting Association. Little Rock, AR. May 28, 2014.
- APTA Educational Leadership Institute, November 16, 2013. Online Educational Leadership Institute- Module 4 (31 contact hours).
- APTA Educational Leadership Institute, October 1, 2013. Online Educational Leadership
- Brain Rules for Pediatric Treatment: Neuroscience Meets Evidence-Based Practice, Memphis, TN, November 9, 2012 (6 contact hours)
- Aging in Place. Online, September 17, 2012 (1 contact hour)
- Critical Thinking. Gannett Education, Online, September 17, 2012 (1 contact Hour)
- Operating Room Acquired Pressure Ulcers. KCI CEU. Online. September 2, 2012 (1 Contact Hour)

Teaching Responsibilities in the Physical Therapy Program:

Summer (2021, 2022, 2023)

PT 7116-Gross Anatomy
Type: Foundational Course
Role: Course Coordinator

Fall (2020,2021,2022,2023)

PT 7213 Movement Science/Biomechanics (3 credit hours)
Type: Foundational Course
Role: Instructor

PT 7343 Administration (3 credit hours)
Type: Foundational Course
Role: Course Coordinator

PT 8191 Culminating Experience (1 credit hour)
Type: Other Course
Role: Co-instructor

PT 8872 Clinical Decision Making (2 credit hours)
Type: Other Course
Role: Instructor

PT 7141 Research I (1 credit hour)
Type: Other Course
Role: Instructor

PT 7141 Research II (1 credit hour)
Type: Other Course
Role: Instructor

Spring (2021,2022,2023)

PT 8255 Musculoskeletal II (5 credit hours)
Type: Other Course
Role: Course Coordinator

PT 8141 Research III (1 credit hour)
Type: Other Course
Role: Instructor