

Curriculum Vita for Robert S. Phillips

Education:

KENT STATE UNIVERSITY, Kent, Ohio
2011-2014
Exercise Physiology
Doctor of Philosophy, May 2014

WHEELING JESUIT UNIVERSITY, Wheeling, West Virginia
2007-2009
Physical Therapy
Doctorate of Physical Therapy, August 2009

BALDWIN-WALLACE COLLEGE, Berea, Ohio
2003-2007
Double Major: Pre-Physical Therapy and Exercise Science
Minor: Biology
Bachelor of Art, May 2007

Licensure Number:

State of Ohio, #12690 (next renewal: January 31, 2024)
State of Arizona, #31936 (next renewal: August 31, 2024)

Certifications:

Credentialed Clinical Instructor
Board Certified Clinical Specialist in Neurologic Physical Therapy (2016-2026)

Employment:

Associate Professor of Physical Therapy
Franklin Pierce University
Goodyear, Arizona
July 19, 2021 - present

Physical Therapist
Cleveland Clinic Rehabilitation Hospital, Edwin Shaw
Copley, Ohio
January 27, 2012 - present

*Assistant Professor of Physical Therapy & Adjunct Instructor of Physical Therapy
(Tenure Paused for Pandemic then Indefinitely May 2020)*
Walsh University
North Canton, Ohio
July 1, 2014 - June 30, 2022

Physical Therapist
Aultman Health Foundation - Woodlawn Rehabilitation
Canton, Ohio
November 9, 2009 - April 1, 2017

Physical Therapist
Universal Rehab Home Health
North Canton, Ohio
April 1, 2012- August 31, 2014

Graduate Research/Teaching Assistant
Kent State University
Kent, Ohio
June 1, 2012 - June 1, 2014

Peer Reviewed Publications:

Kudlac M, Sabol J, Kaiser K, Kane C, Phillips RP. Reliability and validity of the Berg balance scale in the stroke population: a systematic review. *Physical & Occupational Therapy in Geriatrics*. June 20, 2019.

Thorpe E, Smith A, Garrett K, Reneker JC, Phillips RP. Outcome measure scores predict discharge destination in patients with stroke: a systematic review and meta-analysis. *Journal of Neurological Physical Therapy*. January 1, 2018;42(1):2-11.

Reneker JC, Hassen A, Phillips RS, Moughiman MC, Donaldson M, Moughiman J. Feasibility of early physical therapy for dizziness after a sports-related concussion: A randomized clinical trial. *Scandinavian Journal of Medicine and Science in Sports*. 2017;27(12):2009-2018.

Abdar HM, Ridgel A, Discenzo F, Phillips R, Walter B, Loparo K. Test and Validation of a Smart Exercise Bike for Motor Rehabilitation in Individuals with Parkinson's Disease. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*. March 2016(99):1-1.

Weber C, Berni J, Fier K, Schweiterman M, Swartz N, Phillips RS, Reneker JC. Reliability and Validity of the Functional Gait Assessment: A Systematic Review. *Physical & Occupational Therapy in Geriatrics*. February 2016;34(1).

Ridgel A, Phillips R, Walter B, Discenzo F, Loparo K. Dynamic high-cadence cycling improves motor symptoms in Parkinson's disease. *Frontiers in neurology*. 2015;6.

Phillips, RS. Single Trial Effects of Dynamic Cycling: How Long Does It Last?. *Electronic Thesis or Dissertation, Kent State University, Kent, Ohio*. May 9, 2014. <https://etd.ohiolink.edu/>

Peer Reviewed Scientific and Professional Presentations:

Combs J, Kemp A, and Phillips RS. Be an Ally: LGBTQ+ Basics for the PT + PTA. *Ohio Physical Therapy Association - Lunch and Learn*, Columbus, Ohio. March 14, 2023.

King CA, Willis KJ, Luong D, O'Brien S, and Phillips RS. A systematic review of which interventions drive change in quality-of-life measures after Spinal cord injury for non-ambulators. *APTA Combined Sections Meeting, San Diego, California*. February 23-26, 2023.

Phillips RS and Garg H. Introducing DEI to ANPT: A Perspective for Considerations in Neurological Care. *Academy of Neurologic Physical Therapy Annual conference 2022*, Minneapolis, Minnesota (Session Presentation). October 14, 2022.

Collins M, Oktavec L, Vojak L, Hogue D, and Phillips RS. The Effectiveness of Robotic Devices in Improving Spatiotemporal Gait Factors in Patients with Spinal Cord Injury: A Systematic Review & Meta-Analysis. *Ohio Physical Therapy Association Fall Scientific Symposium LEAP, Columbus, Ohio, (Student Platform Presentation)*, September 23, 2022 and *Ohio East Central District's 3rd Annual Student & Clinician Research Symposium, North Canton, Ohio, (Platform Presentation)*, November 9, 2021.

Wells M and Phillips RS. Assessing the Implementation of Aerobic Exercise for Post-Stroke Patients at an Inpatient Rehabilitation Hospital: A Retrospective Case Series. *LEAP: Linking Evidence And Practice, Columbus, Ohio (virtual)*. September 25, 2020. Also presented as: Assessing Implementation of Aerobic Exercise for Patients Post-Stroke at an IRF: A Retrospective Case Series. *APTA Combined Sections Meeting, Orlando, Florida (virtual)*. February 1-28, 2020.

Torok S, Schaffner K, Bennett C, Gallagher E, and Phillips RS. Effects of lower extremity Functional Electrical Stimulation (FES) cycling on aerobic capacity of patients with spinal cord injuries: A Systematic Review and Meta-Analysis. *OPTimize: OPTA's Lecture Series and Research Showcase, Columbus, Ohio*. September 27, 2019.

Thorpe E, Smith A, Garrett K, Reneker JC, Phillips RP. Outcome measure scores predict discharge destination in patients with stroke: a systematic review and meta-analysis. *Ohio Physical Therapy Association Fall Scientific Symposium, Columbus, Ohio*. October 20, 2017.

Gray M, Petit S, DeFelice B, Bales S, and Phillips RS. What interventions are best for individuals with Parkinson disease: A systematic review of tango. *Ohio Physical Therapy Association Fall Scientific Symposium, Columbus, Ohio*. October 20, 2017.

Phillips RS and Hassen A. The Use of Technology in PT/PTA Education. Education Learning Conference, Columbus, Ohio. Session Presentation. October 14, 2017.

Hassen A, Phillips RS, and Wilhelm M. The Softer Side of Admissions: Past, Present, and Future. Education Learning Conference, Columbus, Ohio. Platform Presentation. October 13, 2017.

Reneker JC, Hassen A, Phillips RS, Moughiman MC, Donaldson M, Moughiman J. Effectiveness of Early Physical Therapy Intervention for Patients with Dizziness after a Sports-Related Concussion: A Randomized Trial. *2106 American Academy of Orthopedic Manual Physical Therapists Annual Conference, St. Louis Missouri*. October 26-28, 2016. (Best Platform Presentation - First Place Overall: Dick Ehrard Platform Presentation Award)

Schory AC, Markel HS, Swartz NA, Klaserner JM, Reneker JC, Phillips RS. Enhancing adherence to a community-based movement disorders exercise program through follow-up phone conversations. *3rd World Parkinson Congress 2016, Portland, Oregon*. September 23, 2016.

Weber C, Berni J, Fier K, Schwitterman M, Swartz N, Phillips RS, Reneker JC. Reliability and Validity of the Functional Gait Assessment: A Systematic Review. *Ohio Physical Therapy Association Fall Scientific Symposium, Columbus, Ohio*. October 9, 2015.

Phillips RS, Linke KA, Minkowski BJ, Ridgel AL. Individuals with Parkinson's Disease Benefit from A Single Bout of Dynamic Cycling. *61st Annual Meeting of the American College of Sports Medicine, Orlando, Florida*. May 31, 2014.

Phillips RS, Wilson KA, Ridgel AL. Individuals with Parkinson's disease Show Improved Timed Up and Go and 6-min Walk Test Scores after Dynamic Cycling. *2013 Mid-West American College of Sports Medicine Annual Meeting, Merrillville, Indiana*. November 8-9, 2013.

Bryant K, Noll K, Phillips RS, Ridgel AL. Effects of biomechanical muscle stimulation on muscle recruitment and balance in healthy individuals. *2013 Mid-West American College of Sports Medicine Annual Meeting, Merrillville, Indiana*. November 8-9, 2013.

Phillips RS, Wilson KA, Ridgel AL. Bradykinesia and Timed Up and Go Are Improved after Dynamic Cycling in Parkinson's disease. *Ohio Physical Therapy Association Fall Scientific Symposium, Columbus, Ohio*. October 11, 2013. (Best Platform Presentation)

Phillips RS, Wilson KA, Ridgel AL. Bradykinesia and timed up and go are improved after dynamic cycling in Parkinson's disease. *3rd World Parkinson Congress, Montreal, Québec, Canada*. October 3, 2013.

Ridgel AL, Phillips RS, Wilson KA. Development of an intelligent bicycle for rehabilitation in Parkinson's disease. *3rd World Parkinson Congress, Montreal, Québec, Canada* October 3, 2013.

Phillips RS, Ridgel AL, Wilson KA. Individuals with Parkinson's disease show improved timed up and go (TUG) and 6-min walk test scores after dynamic cycling. *Medicine and Science in Sports and Exercise*. May 30, 2013;45(5).

Ridgel AL, Phillips RS, Wilson KA. Bradykinesia and Reaching Motor Skills Are Improved after Dynamic Cycling in Parkinson's disease. *Medicine and Science in Sports and Exercise*. May 30, 2013;45(5).

Wilson KA, Phillips RS, Ridgel AL, Walter BL. Dynamic cycling promotes upper extremity motor improvements in Parkinson's disease. *Medicine and Science in Sports and Exercise*. May 30, 2013;45(5).

Phillips RS, Wilson KA, Ridgel AL. SmartBike Study: Development of an intelligent bicycle for Parkinson's disease. *North Eastern Ohio American College of Sports Medicine Conference, Akron University, Akron, Ohio*. April 8, 2013

Non-Peer Reviewed Presentations:

Phillips RS and Hassen A. Examples of Technology in PT/PTA Education: An overview of how technology can be used in course management, enhancing student engagement in instruction, and attaining student learning objectives. Faculty Development Workshop for New PT/PTA Faculty: A Roadmap from Clinic to Classroom, Walsh University, June 23, 2016, Ithaca College July 31, 2017, June 20, 2018, and June 26, 2019.

Phillips RS, Linke KA, Minkowski BJ, Ridgel AL. Single Day Effects of Dynamic Cycling: How Long Does It Last? *College of Education, Health, and Human Services 1st Graduate Research Gallery, Kent State University, Kent, Ohio*. May 6, 2014.

Bishnoi A, Fesmeyer K, Renner K, Phillips RS, Ridgel AL. Effects of Vibration Stimulation on Muscle Recruitment and Balance Performance. *College of Education, Health, and Human Services 1st Graduate Research Gallery, Kent State University, Kent, Ohio*. May 6, 2014.

Phillips RS, Linke KA, Minkowski BJ, Ridgel AL. Single Day Effects of Dynamic Cycling: How Long Does It Last? *Graduate Student Senate's 21st Annual Graduate Research Symposium, Kent State University, Kent, Ohio*. April 11, 2014.

Current/Active Research Activity:

King CA and Phillips RS. A systematic review of which interventions drive change in quality-of-life measures after Spinal cord injury for non-ambulators. (Revisions)

Phillips RS. The Feasibility of Implementing the Parkinson's disease Clinical Practice Guidelines in a Non-Ambulatory Inpatient Rehabilitation facility. (Proposal)

Student Research Projects

McClellan R, Taylor K, Dlugonski J, Flanigan M, Harrod S, Hogue D, Phillips RS. Effects of sensory-feedback on balance in patients with stroke using activity OMs of the ICF. (2021) Submitted to Journal of Physical and Occupational Therapy in Geriatrics.

Assessing the Implementation of Aerobic Exercise for Post-Stroke Patients at an Inpatient Rehabilitation Hospital: A Retrospective Case Series. Wells M and Phillips RS. (2019-2020) Submitted to Journal of Neurologic Physical Therapy and Stroke.

What physical therapy interventions are effective in reducing recovery time after overuse injury in male and female runners? A systematic review. Zieglemeyer S and Phillips RS. (2018-2019)

The effects of gait training on TUG performance in the Parkinson's population: A Systematic Review. Fennell M and Phillips RS. (2017-2018)

The effects of Muti-modal exercise on TUG performance in the Parkinson's population: A Systematic Review. Bevins M and Phillips RS. (2017-2018)

What is the most effective active physical therapy treatment for spasticity management after a stroke? A Systematic Review. Hislop M and Phillips RS. (2016-2017)

What is the most effective passive active physical therapy treatment for spasticity management after a stroke? A Systematic Review. Mirando M and Phillips RS. (2016-2017)

Research Grants:

AAMOPT Grant (2015-2016)
OPTA Grant (2015-2016) – Walsh University # 25172

Professional Organizations:

American Physical Therapy Association – APTA (member since 2007)
Ohio Section
Academy of Neurologic Physical therapy
Academy of Leadership and Innovation
Academy of Education
Academy of Research

American College of Sports Medicine - ACSM (member 2012-2015)
Mid-West ACSM Section

Profession Service:

Academy of Neurologic Physical therapy, Minneapolis, Minnesota
Diversity, Equity, and Inclusion Committee, Chair, 2022-2025

Ohio Physical Therapy Association, Columbus, Ohio
Diversity, Equity, and Inclusion Committee, Member, LGBTQ+ Taskforce 2022-present

Ohio Physical Therapy Association, Columbus, Ohio
Fall Scientific Symposium Abstract Reviewer, 2014 - 2021

Ohio Physical Therapy Association, Columbus, Ohio
Advocacy Day, April 9, 2015 and April 4, 2019

Community Service:

USA Track and Field, Indianapolis, Indiana.
Track and Field Official, December 2010-Present (Member since 2010)

North Canton YMCA Delay the Disease Program Consultant.

*Assist with planning of program and providing helpers form the University to run the program.
May 2018-2020.*

Ohio High School Athletic Association, Columbus, Ohio.

Track and Field and Cross Country Official, June 2011-2019

Ohio Special Olympics, Columbus, Ohio.

Track and Field Official, June 26-28, 2015, June 27-29, 2014 and June 28-30, 2013

Maternidad de Maria Service Trip with WJU, Chimbote, Peru.

Clinical Instructor/Adjunct Faculty, August 13-22, 2011

Student Physical Therapy, June 27, 2009 - July, 4 2009

Easter Seals Rehabilitation Hippotherapy Volunteer, Wheeling, West Virginia.

Side-walker and Barn Aid, September 2008-October 2008

Side-walker and Barn Aid, October 2007-November 2007

Camp Cheerful Hippotherapy Volunteer, Strongsville, Ohio.

Side-walker and Barn Aid, April 2006-May 2006

Fit Together Volunteer, Wheeling, West Virginia.

Wheeling Jesuit University, September 17, 24, 2008 and October 15, 2008

Special Olympics, Wheeling, West Virginia.

Wheeling Jesuit University Hosts Quad County Meet, April 26, 2008

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

Curriculum Committee - Chair, Franklin Pierce University, Goodyear, Arizona.

Physical Therapy Program, January 2023-present

Institute for Community Health, Walsh University, North Canton, Ohio.

University Committee, July 2018-present

Technology Committee, Walsh University, North Canton, Ohio.

Faculty Senate Subcommittee, July 2018-present, Chair 2019-2020

Institutional Review Board, Walsh University, North Canton, Ohio.

University Committee, April 2016-present

Wellness Coalition, Walsh University, North Canton, Ohio.

University Committee, August 2014-present

Admissions Committee, Walsh University, North Canton, Ohio.

Physical Therapy Program, August 2015-present

Curriculum Committee, Walsh University, North Canton, Ohio.

Physical Therapy Program, December 2014-present

Service Committee, Walsh University, North Canton, Ohio.

Physical Therapy Program, July 2014-June 2016

Forms Committee, Walsh University, North Canton, Ohio.
Physical Therapy Program, October 2014-June 2015

Search Committee Exercise Science Program Director, Walsh University, North Canton, Ohio.
University Committee, December 2014-June 2015

Honors and Awards:

Outstanding Doctoral Student in Exercise Physiology
Kent State University
May 2014

Best Platform Presentation Abstract
OPTA's Fall Scientific Symposium
October 2013

Continuing Education Attended:

2nd Annual ANPT Conference, October 13-15, 2022

- Introducing DEI to ANPT: A Perspective for Considerations in Neurological Care
- The Big Five: A Novel Movement-Based Classification Approach to Neurorehabilitation Education for Doctor of Physical Therapy Students
- Scaling Core Set Outcome Measure Implementation Projects within a System of Care
- Forward Motion: The Annual ANPT Forum New Perspectives on Classification of Locomotion
- Creating a Roadmap for Knowledge Translation: Implementing Assessments and High-Intensity Gait Training into Practice
- Bridging the Gap Between Research and Clinical Practice: Is it Possible to Improve Access to
- Evidence-Based Treatment for Individuals with MdDS?
- Evidence Elevates, Updates From The Moving Forward Task Force
- Balance, Fatigue, Cognition, Oh My: Integrating Vestibular Rehab Across Settings for People with Multiple Sclerosis
- Locomotor Classifications: Advancing Diagnosis and Treatment of Walking Dysfunction.

Ohio State University Columbus, Ohio, April 29, 2022 (virtual)

- Sports Medicine Endurance Symposium

ICE Online Learning Center

- Teaching the ICF Model: The Power of ICE Videos

LEAP, Columbus, Ohio, September 28, 2021 (Virtual)

- OPTA's Lecture Series and Research Showcase
- Clinical Pearls to Optimize Your Best Practice and Education.

APTA Combined Sections Meeting, February 1-March 2, 2021 (Virtual)

- Having Difficulty Removing the Kid Gloves? Implementing High-Intensity Training in Neurologic and Geriatric Rehabilitation
- Autoregulators! Mount Up! Utilizing Intensity in Rehab
- Pauline Cerasoli Lecture: Educating for Professionalism - The science of caring. The art of healing
- Aquatic-Based Therapies for Patients with Spinal Cord Injury: Successful Innovations in Aquatic Rehabilitation
- Headaches, Dizziness, and Tinnitus: It's All in the Neck

- Moving Beyond the Motor System: Other Factors Influencing Neurorehabilitation After Stroke
- Getting Published in JNPT: A Chat with the Editorial Board
- COVID-19 Recovery Across the Continuum
- Faster, Stronger, Younger? Embracing and Enhancing the Movement of Young Athletes
- Brick and Mortar: Foundations for Building Healthy Triathletes and Paratriathletes
- Harnessing Mainstream and Social Media to Elevate the Profession of Physical Therapy
- Blazing the Trail: Developing the Next Generation of Education Researchers
- Transforming Diversity-Equity-Inclusion Learning from the Classroom to the Clinic: Strategies for Success
- Patient-Specific Strategies to Augment Mobility Poststroke and SCI: Evidence for the Movement System?
- Building Capacity for Knowledge Translation in Rehabilitation
- Bringing the Paralympics Home: Identifying and Creating Local Adaptive Sports Opportunities
- DPT Student Professional Behaviors in Academic and Clinical Settings: Introducing a New Tool (RISE)

LEAP, Columbus, Ohio, September 25, 2020 (virtual).

- OPTA's Lecture Series and Research Showcase
- Clinical Pearls to Optimize Your Best Practice and Education.

OPTimize, Columbus, Ohio, September 27, 2019.

- OPTA's Lecture Series and Research Showcase
- Using the Movement System in clinical practice and education.

Summa Health Rehabilitation Hospital, Akron, OH, June 1, 2019.

- OPTA Ehlers-Danlos: Understanding the Continuum of care.

APTA Combined Sections Meeting, Washington DC, January 21-26, 2019.

- Integrating Current Evidence into Neurologic PT Educational Programs

NCS completion, June 2017

- ABPTS Specialty Certification

George Fox University, Portland, OR, June 8-11, 2015

- APTA New Faculty Development Workshop

APTA Combined Sections Meeting, Indianapolis, IN, February 4-7, 2015

- Embarking on the Road Trip and Navigating the Journey of Academic Life
- Gait Retraining for Injured Runners: In Search of the Ideal
- Getting to the Heart of Stroke Rehab and Mobility - Considering Cardio

Texas Women's University, Dallas, TX, June 19-22, 2014

- APTA Faculty Development Workshop

Holiday Inn, Westlake, OH, August 24-25, 2013

- Running Biomechanics and Injuries

Combined Sections Meeting, Chicago, IL, February 8-11, 2012

- Running Mechanics Analysis: From the Lab to the Clinic
- Spinal Cord Injury SIG: Parenting After Spinal Cord Injury
- Pelvic Pain Considerations for the Male and Female Athlete

- There Is an App for That? Use of Technology in Geriatric Physical Therapy Walking Speed: A Vital Sign and Even More
- Physical Therapists Impacting Health Policy Through Health
- Services Research: A Survival Strategy for Health Care Reform, Part I
- Running Pre-Conference: Injury Prevention and Management: Pre-, Mid-, and Post-race Considerations

APTA Learning Center, Canton, Ohio, October 21, 2011

- Using the APTA PT CPI for Student

Quest Conference Center, Columbus, Ohio, October 14-15, 2011

- Level 1 Clinical Instructor Education and Credentialing Program

At Home Seminars, Massillon, Ohio, September 17, 2011

- HIV/AIDS and the Rehabilitation Professional

Holiday Inn Montrose, Akron, Ohio, April 16, 2011

- Focus on Rehabilitation: Advances in Spasticity Management

AGMC Wellness Center, Akron, Ohio, October 21, 2010

- Rehabilitation in Multiple Sclerosis: Strategies for Physical and Occupational Therapists

Aultman Hospital, West Campus, September 18 and 19, 2010

- Achieving Functional Outcomes in Standing and Gait: An NDT Perspective

Aultman Hospital, West Campus, March 13 and 14, 2010

- Vestibular Rehabilitation: “What Do You Mean By Dizzy?”

Teaching Responsibilities in the Entry-Level Program (Franklin Pierce University):

Foundations of PT Practice (2021)
 Motor Control/Learning (4 Credits)
 Neurologic Clinical Management (6 Credits)
 Multi-Systems II (4 Credits)

Past Teaching Responsibilities in the Entry-Level Program (Walsh University):

Foundations of Clinical Science (2 Credit)
 Foundations of Clinical Exercise (2 Credit)
 Motor Learning/Motor Control (2 Credits)
 Physical Therapy Management of Neuromuscular Impairments I (6 credits)
 Physical Therapy Management of Neuromuscular Impairments II (6 credits)
 Advanced Elective in Neurologic Physical Therapy (1 Credit)