

CURRICULUM VITAE

ROBERT C. WIEDERIEN, PT, DPT
St. Ambrose University

Education:

Doctor of Philosophy (PhD)
University of Iowa, Iowa City, IA
Rehabilitation Science
2018 - Present

Doctor of Physical Therapy (DPT)
Baylor University, Waco, TX
Physical Therapy
May, 2008

Master of Physical Therapy (MPT)
U.S. Army-Baylor University, Waco, TX
Physical Therapy
June, 2000

Bachelor of General Studies
University of Nebraska-Omaha, Omaha, NE

Encore Rehabilitation, Inc.
Gautier, MS
2018-2020

Physical Therapist, Full Time Status
U.S. Navy, Active-duty
Multiple duty stations nationwide, worldwide
2000-2018

Peer Reviewed Publications:

Wiederien RC, Gari WJ, Wilken JM. Effect of crutch and walking-boot use on whole-body angular momentum during gait. Assist Technol. 2023 Jul 27;1-9. doi: 10.1080/10400435.2023.2229879. Epub ahead of print. PMID: 37499144.

Grunst MM, **Wiederien RC**, Wilken JM. Carbon fiber ankle-foot orthoses in impaired populations: A systematic review. Prosthet Orthot Int. 2023 Oct 1;47(5):457-465. doi: 10.1097/PXR.0000000000000217. Epub 2023 Feb 10. PMID: 36779973.

Wiederien RC, Feldman TD, Heusel LD, Loro WA, Moore JH, Ernst GP, Allison SC. The effect of the median nerve compression test on median nerve conduction across the carpal tunnel. Electromyogr Clin Neurophysiol. 2002 Oct-Nov;42(7):413-21. PMID: 12395616.

Peer Reviewed Scientific and Professional Presentations:

Research Presentations

Wiederien RC, Grunst MM, Wilken JM.
Visual feedback and gait: A systematic review
North American Conference on Biomechanics, Ottawa, CAN (Poster Presentation)
2022

Wiederien RC, Gari WJ, Wilken JM.
Effect of crutch and walking-boot use on whole-body angular momentum during gait.
APTA Combined Sections Meeting, San Antonio, TX (Poster Presentation)
2022

Non-Peer Reviewed Activity

Wiederien RC. Imaging and Physical Therapy. St. Ambrose University Lunch and Learn Series. 2023

Current/Active Research Activity

Pain Schema Questionnaire Short Form Validity and Reliability
Wiederien RC, Wang D, Frey-Law L.
University of Iowa
Funding: none

Membership in Scientific / Professional Organizations:

American Physical Therapy Association
1998-Present
a) Academy of Sports Physical Therapy Member

- b) Academy of Orthopaedic Physical Therapy Member
- c) Academy of Education Member
- d) American Physical Therapy Association – Iowa Southeast District Vice-Chairperson
2023-Present; Southeast District Director 2021-2023

American Society of Biomechanics Member
2021-Present

Community Service:

Knights of Columbus at St. Thomas More Catholic Church, Coralville, IA
Family Programs Director
Keep Christ in Christmas Committee Chairperson
2020-Present

St Thomas More Catholic Church, Coralville, IA
Usher
2020-Present

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

Department

2023-Present
DPT Curriculum Committee, Member

Select Continuing Education Attended (last 5 years):

- APTA-Iowa Spring Conference, April 2023 – 13 hours
 - o Blood Flow Restriction Therapy – 6 hours
 - o Thoracic Spine Examination and Intledi