
11/2022-04/2024 **Telerehab Physical Therapist**, ATI Physical Therapy Tele-PT West Hub.

09/2020-11/2022 **Multi-Site Clinic Director**, ATI Physical Therapy Ann Arbor/Dexter MI.

08/2019-09/2020

Peer Reviewed Scientific and Professional Presentations:

Scarpance P.J., Matheny M.K., **Strehler KYE.**, Tümer, N. 2013. Response to VTA leptin overexpression is partially mediated by leptin receptor activity in the hypothalamus. American Peptide Symposium 2013, Kona, HI. Poster.

Strehler, KYE., Matheny, M.K., Gomez, M., Scarpance, P.J. 2012. Blockade of melanocortin 3/4 receptors does not prevent the reduction of high-fat diet intake during voluntary wheel running. Society for the Study of Ingestive Behavior Meeting 2012, Zurich, Switzerland. Poster.

Shapiro, A., **Strehler, KYE.**, Ryder, D., Tümer, N., Scarpance P.J. 2011. Fructose-induced leptin resistance involves impaired AMPK but intact STAT3 signaling. Obesity Society Meeting 2011, Orlando, FL. & Abstracts of the 19th Annual Meeting of the Society for the Study of Ingestive Behavior (SSIB), 12-16 July 2011, Clearwater, Florida 57, Supplement 1: S40, 2011. Poster.

Funded/In Review Grant Activity:

Role: Principal Investigator
Direct Costs: \$4516
Title: Validity of Self-Completed Functional Strength Assessment in Virtual Rehabilitation Practice
Co-investigators: Matthew Hassell, OTD, OTR/L, CHT; Richard Caharin IV, PT, DPT, PhD
Funding Period: 2024-2025
Agency: Covey College of Allied Health Profession Collaborative Research Support Grant

Current/Active Research Activity:

Role: Principal Investigator
Title: Validation of Still Image Goniometry for Selected Joint Motion Assessment via Telerehabilitation
Funding: Seeking Foundation for Physical Therapy Research

Role: Principal Investigator
Title: Virtual Delivery of Pelvic-Health Physical Therapy on Urinary Incontinence and Fall Risk in Aged Individuals Lacking Access to Care.
Co-investigators: Shawn Drake PT PhD, Allyson Shea PhD
Funding: Seeking NIH R03

Membership in Scientific/Professional Organizations:

10/2013-Current American Physical Therapy Association, Member# 652266
Academy of Orthopaedic Physical Therapy
American Academy of Sports Physical Therapy

11/2007-Current National Biological Honor Society

Consultative and Advisory Positions Held:

Community Service:

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

University-wide
08/2010-08/2011 **Graduate Student Council Representative**, University of Florida.

School

04/09/2024

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11/10/2022 Telehealth: Conducting a Virtual Subjective Exam, MedBridge Online (1.25 Contact Hours).

11/10/2022 Telehealth: Performing a Virtual Objective Exam, MedBridge Online (1.5 Contact Hours).

11/07/2022 Telehealth: An Introduction to Virtual Care, MedBridge Online (1.75 Contact Hours).

08/31/2022 Alabama Physical Therapy Practice Act & Rules, Jurisprudence & Ethics, MedBridge Online (2.25 Contact Hours).

07/08/2022 Rehabilitation Research Boot Camp: Errors, Fraud, & Outliers, MedBridge Online (2.0 Contact Hours).

07/07/2022 Hip Arthroplasty: Improving Gait - An Update, MedBridge Online (1.0 Contact Hours).

07/07/2022 Knee Arthroplasty: Increasing Range of Motion - An Update, MedBridge Online (1.75 Contact Hours).

07/07/2022 Shoulder Arthroplasty: Return to Function - An Update, MedBridge Online (1.75 Contact Hours).

06/29/2022 Current Concepts in Joint Replacement: Following Arthroplasty - An Update, MedBridge Online (2.0 Contact Hours).

06/29/2022 The Athlete's Hip: An Update on Athletic Groin Pain (Recorded Webinar), MedBridge Online (3.0 Contact Hours).

06/29/2022 Troubleshooting Difficult Cases in Joint Arthroplasty, MedBridge Online (1.5 Contact Hours).

06/28/2022 Evidence-Based Treatment of the Foot and Ankle: An Update, MedBridge Online (1.25 Contact Hours).

06/19/2022 Social and Cultural Constructs of Pain, MedBridge Online (1.5 Contact Hours).

6/15/2022 Implicit Bias: Strategies to Counter Bias in Clinical Interactions, MedBridge Online (1.0 Contact Hours).

06/06/2022 Differential Diagnosis of Lateral Elbow Pain, MedBridge Online (2.0 Contact Hours).

06/06/2022 Treatment of Lateral Elbow Pain, MedBridge Online (1.5 Contact Hours).

11/28/2021 Vestibular Compensation Exercises and Clinical Resources, MedBridge Online (1.0 Contact Hours).

03/27/2020 Respiratory Muscle Physiology, MedBridge Online (1.5 Contact Hours).

03/25/2020 Dysfunctional Breathing Part 1: Background Information and Assessments, MedBridge Online (1.75 Contact Hours).

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| 03/25/2020 | Dysfunctional Breathing Part 2: Intervention Strategies, MedBridge Online (1.75 Contact Hours). |
| 3/23/2020 | Management of the Critically Ill Aging Client with Type 1 Respiratory Failure, MedBridge Online (1.75 Contact Hours). |
| 03/23/2020 | Physical Therapist Exercise Treatment of Chronic Lung Disease, MedBridge Online (2.5 Contact Hours). |
| 01/08/2020 | Returning the Injured Athlete to Sports: Foot, Ankle, and Orthotics, MedBridge Online (2.5 Contact Hours). |
| 01/08/2020 | Returning the Injured Athlete to Sports: New Concepts in ACL Rehabilitation, MedBridge Online (2.0 Contact Hours). |
| 12/05/2019 | Returning the Injured Athlete to Sports: Lower Limb, Trunk, and Hip, MedBridge Online (3.0 Contact Hours). |
| 12/04/2019 | Foundations of Returning the Injured Athlete to Sports: Muscle Physiology, Strength Training, and Eccentric Loading, MedBridge Online (4.25 Contact Hours). |
| 07/23/2019 | Warning Signs and the Perception of Pain, MedBridge Online (2.0 Contact Hours). |

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

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| Summer 2024 | PT633 Musculoskeletal Disorders III, Instructor PT635 Musculoskeletal Disorders V, Instructor |
| Fall 2024 | PT634 Musculoskeletal Disorders IV, Course Coordinator PT610 Principles of Research and EBP, Instructor PT611 Research Proposal, Instructor |
| Spring 2025 | PT631 Musculoskeletal Disorders I, Instructor PT632 Musculoskeletal Disorders II, Instructor PT612 Research Project PT613 Critical Analysis of Literature |