

CURRICULUM VITAE

Halime Gulle, Ph.D.

School of Physical Therapy and Rehabilitation
University of South Florida | 3515 E Fletcher Ave | Tampa FL
Phone: 813-409-1742 | E-Mail: halimegulle@usf.edu

EDUCATION & TRAINING

<i>Dates</i>	<i>Degree</i>	
2022 - current	Postdoctoral	Physiotherapy – University of South Florida, USA
2022 – 2024	Higher Ed Fellow	Learning Institute Learning and Teaching – Queen Mary University of London, UK
2017 – 2022	Ph.D.	Musculoskeletal Physiotherapy in Sports – Queen Mary University of London, UK
2010 – 2014	B.S. + MSc	Physical Therapy and Rehabilitation (First honor & distinction) Kirikkale University, Turkey

EMPLOYMENT HISTORY

<i>Dates</i>	<i>Position</i>	<i>Institution</i>
2022 - current	Postdoctoral Fellow	University of South Florida
2022 - current	Honorary Lecturer	Queen Mary University of London
2021 - 2022	Research Associate	Newcastle University
2019 - 2021	Teaching Assistant	Queen Mary University of London
2019 - 2021	Physical Therapist	Mile End Hospital, Queen Mary University of London
2015 - 2017	Lecturer	Dumlupinar University

RESEARCH, AWARDS & SCIENTIFIC ACTIVITY

Journal Articles

1. Gulle H., Daehline T., Davis I., Acute effect of minimal footwear and gait retraining on risk factors for knee osteoarthritis. (submitted) Footwear Science
2. Gulle, H., Cotchett M., Prior, T., Miller, S., Birn-Jeffery, A.V. and Morrissey. Outcome predictor for recovery of plantar heel pain in adults: an international prospective cohort study. (submitted) BMC musculoskeletal disorders.
3. Gulle, H., Morrissey, D., Tayfur, A., Coskunsu, D. K., Miller, S., Birn-Jeffery, A. V., & Prior, T. (2024). The association of demographic, psychological, social and activity factors with foot health in people with plantar heel pain. Journal of Foot and Ankle Research, 17(4), e70022.
4. Neilson, L. J., Fitzgerald, R. C., Deane, J., Debiram-Beecham, I., Gulle, H., Rees, C., et al. (2024). Patient experiences of cytosponge: a qualitative study. Frontline Gastroenterology, 15(1), 28-34.
5. Erol, B. N., Kırışık, H., Gulle, H., İpar, M., Kaşıkçı, E., & Küpçüoğlu, C. (2024). Promoting Awareness of Sedentary Behavior and Physical Activity Awareness Among Rural Youth Through Bocce Game: A Qualitative Study. Pamukkale Journal of Sport Sciences, 15(1), 88-114.
6. Gulle, H., Morrissey, D., Tan, X. L., Cotchett, M., Miller, S. C., Birn-Jeffery, A. B., & Prior, T. (2023).

Predicting the outcome of plantar heel pain in adults: a systematic review of prognostic factors. *Journal of Foot and Ankle Research*, 16(1), 28.

7. Gulle, H., Daehlin, T. E., Cruvinel, R. J., & Davis, I. S. (2024). Differences In Foot Characteristics Between The Involved And Uninvolved Sides In People With Plantar Fasciitis. *Medicine & Science in Sports & Exercise*, 56(10), 578-579.
8. Yuceturk, H., Gulle, H., Şakar, C. T., Joyner, C., Marsh, W., Ünal, E., & Morrissey, D. (2022). Reducing the question burden of patient reported outcome measures using Bayesian networks. *Journal of Biomedical Informatics*, 135, 104230.
9. Gulle, H., Prior, T., Coskunsu, D. K., Miller, S., Birn-Jeffery, A., & Morrissey, D. (2022). The association of demographic, psychological, social and activity factors with foot health in people with plantar heel pain: Case-control study. *Physiotherapy*, 114, e17-e18.
10. Gulle, H., Prior, T., Miller, S., Birn-Jeffery, A. V., & Morrissey, D. (2021). Online questionnaire, clinical and biomechanical measurements for outcome prediction of plantar heel pain: feasibility for a cohort study. *Journal of Foot and Ankle Research*, 14, 1-13.
11. Morrissey, D., Cotchett, M., J'Bari, A. S., Prior, T., Griffiths, I. B., Rathleff, M. S., ... & Gulle, H. (2021). Management of plantar heel pain: a best practice guide informed by a systematic review, expert clinical reasoning and patient values. *British Journal of Sports Medicine*, 55(19), 1106-1118.
12. Delen, M., Şendil, A., Kaux, J. F., Pedret, C., Le Sant, G., Pawson, J., ... & Morrissey, D. (2023). Self-reported bio-psycho-social factors partially distinguish rotator cuff tendinopathy from other shoulder problems and explain shoulder severity: A case-control study. *Musculoskeletal care*, 21(1), 175-188.
13. Gulle, H., Daskapan, A., & Arik, M. (2019). Muscle tibialis anterior fatigue protocol effects on kinetic and kinematic parameters of gait and balance: a laboratory study. *Physiotherapy*, 105, e49.

Papers in Progress (for Submission)

1. Gulle H., Jolan W., Davis I., Can minimal shoes reduce inflammatory biomarkers? *Foot and Ankle International*
2. Gulle H., Mumcu F., Goodrich A., Johnson W., Yilmaz Y., Davis I., Automatic Segmentation of Abductor Hallucis in Ultrasound Images: Development of Deep Neural Networks
3. Gulle, H., Ridge S., Davis, I. Associated factors for plantar heel pain: a Case-control study

Awards and Grants

1. National Institution of Health (NIH), K99 R00, Independent researcher pathway award has been submitted and currently under review.
2. American College of Sports Medicine (ACSM), Early Career Researcher Foundation Grant to initiate a project for identifying biomarkers in people with plantar fasciitis- \$10.000 (April 2023)
3. International Women in Biomechanics (IWB) Career Development Award – \$250 + 2000 USD travel support for NA-MIC Project Week attendance in Canada (March 2025)
4. National Postdoctoral Association (NPA) Conference and Leadership Booth camp, Travel Grant - \$1750 (February 2025)
5. The runner-up presentation award, Research Day symposium - \$300, University of Sout Florida (March 2023)
6. The Queen Mary University of London Postgraduate Research Funding Grant for the project of outcome predictors of plantar heel pain, \$550 (December 2020)

7. Doctoral scholarships were granted for PhD tuition fee and monthly salary by Ministry of National Education (from 02.10.2017 to 02.10.2021)

Scientific Presentations and Conference Participation

1. American College of Sports Medicine (ACSM) Annual Meeting 2025 (Atlanta, GA): Poster – “Cross-sectional Areas of Selected Foot Muscles Following An 8-week Footwear Transition Program in People with Plantar Fasciitis”
2. ACSM Annual Meeting 2024 (Boston, MA): Poster – “Differences in Foot Characteristics Between the Involved and Uninvolved Sides in People with Plantar Fasciitis”
3. ACSM Annual Meeting 2023: Registered attendee, participated in workshops and mentoring
4. American Society of Biomechanics (ASB) Annual Meeting 2025 (Pittsburgh, PA): Poster 1 – Automatic Segmentation of Abductor Hallucis in Ultrasound Images: Development of Deep Neural Networks
5. American Society of Biomechanics (ASB) Annual Meeting 2025 (Pittsburgh, PA): Poster 2 – Effects of minimal footwear on foot intrinsic and extrinsic muscles size in people with plantar fasciitis: A randomized control trial
6. ASB Annual Meeting 2024 (Madison, WI): Poster – “Gait Variables Between the Injured and Uninjured Sides of People with Plantar Fasciitis”
7. ASB Annual Meeting 2023 (Knoxville, TN): Poster – "Detecting Changes in Varus Thrust Gait Using an Imu? A Pilot Study"
8. ASB Annual Meeting 2020 (Virtual): Poster – “Graded Loading Challenge test for clinical assessment of foot pain: reliability and validity study”. Participated in 'Using GitHub for Researchers' & NIH grant roundtables
9. American Physical Therapy Association, Combined Sections Annual Meeting 2025 (Houston, TX): Poster – “Acute Effects of Minimal Footwear and Gait Retraining on Risk Factors for Knee OA”
10. Australian Podiatry Association Annual Meeting Conference 2021 (Virtual): Oral Presentations – “Bayesian Networks for Patient Reported Outcomes Measures” and “Predicting the Outcome of Plantar Heel Pain in Adults: A Systematic Review of Prognostic Factors”
11. Scandinavian Sports Medicine Congress 2019 (Copenhagen, Denmark): Poster – “Outcome Predictors for Tendinopathies: Feasibility A Cohort Study”
12. International Scientific Tendinopathy Symposium 2018 (Groningen, Netherlands): Poster Pitch & Poster – “Outcome Predictors of Plantar Heel Pain: A Feasibility Study for Multi-Level Cohort Study”
13. Physiotherapy UK 2018 (Birmingham, UK): Oral Presentation: Muscle tibialis anterior fatigue protocol effects on kinetic and kinematic parameters of gait and balance: a laboratory study”
14. Physiotherapy UK 2022 (Virtual, UK): Oral Presentation: Can Bayesian statistical approaches reduce the questionnaire burden for respondents when PROMs and PREMs are administered electronically? Physiotherapy, 114, e80-e81.

Podium talks and Invites Presentations

1. The 20th Annual Conference in Sports and Exercise Medicine at the QMUL Centre for SEM 2018 London, UK: “Management of Plantar Heel Pain”
2. Annual Conference American College of Sports Medicine, Salt Lake, UT: Minimal shoes and inflammatory biomarkers, 2025
3. USF GradSWE seminar, High Impact Networking: Build Relationships and Achieve Goals, 2024
4. USF GradSWE seminar, Tips on Academic Writing 2023
5. International Congress of Health Sciences, Izmir Democracy University, 2022
6. Gait analysis and Biomechanical approaches one day symposium, Sanko University, 2022

TEACHING AND ADVISING

Key Modules with Responsibilities

1. Guest Lectures:
 Ultrasound Imaging Techniques – Delivered a guest lecture covering key principles and clinical applications of musculoskeletal ultrasound.
 Foot and Ankle Biomechanics – Presented biomechanical principles related to foot and ankle function, pathology, and rehabilitation.
2. Biomechanics:
 Instructed on kinetic and kinematic parameters in human movement analysis.
 Guided students on how to collect and interpret biomechanical data using motion capture systems and force platforms.
3. Systematic and Literature Reviews:
 I taught various types of systematic reviews, including meta-analyses and scoping reviews.
 Covered assessment tools, international guidelines (e.g., PRISMA), and strategies for effective reporting and publishing.
4. Physical therapy application and applied anatomy:
 Lectured on types of therapy techniques (e.g., TENS, ultrasound therapy).
 Demonstrated patient assessment procedures and clinical use of relevant devices.

Co-mentoring and supervision Experience

2024–Present

1. Ms. Erin Jossart (BSc student; Exercise Science, University of South Florida) – Undergraduate Research Intern, Human Functional Performance Lab
2. Mr. Gabriel Montoro Ortigoso (BSc student; Biomedical Engineering, University of South Florida) – Undergraduate Research Assistant, Human Functional Performance Lab
3. Ms. Bailey Leist (MSc student; Exercise Science, University of South Florida) – Research Assistant, Human Functional Performance Lab
4. Dr. Hakan Akkan (Faculty mentee; Assistant Professor, Department of Therapy and Rehabilitation, University of South Florida, USA)

2023–2024

1. Mr. Ronaldo Cruvinel Júnior (PhD candidate; University of São Paulo, Brazil)
2. Ms. Pinar Haksal Kuyulu (PhD student; Physiotherapy, Sanko University, Turkey)

2018-2022

1. Mr. Saloni Manojkumar Jain (BSc student; Queen Mary University of London)
2. Mr. Adar Butt (BSc student; Queen Mary University of London)
3. Mr. Guy Thomas Frere-Smith (MSc student; Queen Mary University of London) – Graduated with Distinction
4. Mr. Oluwayomi Awe (MSc student; Queen Mary University of London) – Graduated with Distinction

SERVICE AND PROFESSIONAL DEVELOPMENT

Organizational activities

Judge

1. 3MT Competition – Served as a judge for graduate student presentations.
2. USF Research Symposium – Evaluated research presentations as a judge.
3. ASB 2024 – Served as an abstract reviewer.

Event Organization & Outreach

1. International Women in Biomechanics (IWB) – Assisted in organizing affiliated events at ASB Annual Meetings.
2. USF Biomechanics Day – Led demonstrations for high school students (2023, 2024, 2025).
3. National Biomechanics Day – Organized undergraduate-focused outreach events at USF (April 2023 & 2024).
4. Sports & Exercise Medicine 21st Annual Scientific Meeting – Member of the organizing committee, Queen Mary University of London (Sept 18–20, 2019).
5. Hackathon on Gait Optimization – Contributed to event combining modelling approaches to improve gait analysis (March 2, 2019, QMUL).

Professional Memberships

Executive Committee Roles

1. Postdoctoral Association USF – Vice President; Executive Committee Member.
2. American Society of Biomechanics (ASB) – Communications Committee Member.
3. International Women in Biomechanics (IWB) – Conference organization Lead.

Memberships

1. American College of Sports Medicine (ACSM), USA – Member ID: 915363
2. American Society of Biomechanics (ASB), USA – Member ID: 6937
3. Chartered Society of Physiotherapy (CSP), UK – Member ID: A007669
4. Association for Project Management (APM), USA – Member ID: P0460715
5. The Association of Foot & Ankle Physiotherapists (AFAP), UK
6. International Women in Biomechanics (IWB), USA

Training and Courses attended

Clinical

1. Treating the injured runner, October 25-26, 2025, 0.8 CEUs, Phoenix, Arizona
2. Gait retraining for patella femoral pain, October 3, Boston, MA

3. Sports Medicine Ultrasound Group's (SMUG) ultrasound imaging course, London, UK

Technical

1. Machine Learning and Data Science (2 semester), USF, USA 2024 & 2025
2. MATLAB, Stata and Python courses – private tutorial (course duration: 2 years), UK
3. Statistics for systematic review and meta-analyses for prognostic research, Keele University, UK
4. Statistics for risk prediction modelling and prognosis – certificated by Keele University, UK
5. Systematic review and Meta-analyses – Queen Mary University of London, UK
6. Qualitative analyses, Framework approach – University of Amsterdam, NE

Professional

1. NPA, PDA, Leadership bootcamp, Boston, MA
2. Inclusive Teaching in Higher Education, EDx Online Course

