

Walker, Simon (ORCID: 0000-0002-6804-0741)
Male, British and Finnish (Dual) Citizen

H-index: 21 (scopus); 1264 citations.
Date of CV: 02.10.2023

Degrees

23.4.2018, Title of Docent, Exercise Physiology, Helsinki University.

11.12.2012, Doctor of Sport Sciences, Science of Sport Coaching and Fitness Testing, University of Jyväskylä, Finland.

12.6.2008, Master of Sport Sciences, Science of Sport Coaching and Fitness Testing, University of Jyväskylä, Finland.

12.12.2005, Master of Business Administration, Franklin Pierce University, USA.

18.5.2003, Bachelor of Sport and Exercise Science (with Honours), Leeds Metropolitan University, England

Current position

1.1.2020-, Senior Lecturer, Faculty of Sport and Health Sciences, University of Jyväskylä, Finland.

Previous work experience

1.8.2013-31.12.2018, Post-doctoral Researcher, Faculty of Sport and Health Sciences, University of Jyväskylä, Finland, and Academy of Finland post-doctoral researcher.

1.1.2013-30.6.2013, Post-doctoral researcher, School of Exercise and Health Sciences, Edith Cowan University, Australia.

1.8.2008-31.12.2012, PhD student, Department of Biology of Physical Activity, University of Jyväskylä, Finland.

1.7.2004-31.12.2005, Strength and conditioning coach, Franklin Pierce University, USA.

1.6.2003-30.6.2004, Research assistant/part-time lecturer, Leeds Metropolitan University, England.

Career breaks

Paternity leave June 1-June 30, 2012. Unemployed October 1-November 30, 2013.

Research funding and grants

Principal Investigator funding (total 1 556 643 euros)

Academy Fellow project costs, 2022-2027, Academy of Finland (500 000 €)

Academy Fellow funding, 2022-2027, Academy of Finland (447 650 €)

Project funding, 2021, Finnish Cultural Foundation (32 000 €)

Post-doctoral funding, 2015-2018, Academy of Finland (233 118 €).

Project funding, 2014-2017, The Finnish Ministry of Education and Culture (193 075 €).

Post-doctoral research scholarship, 2013, Edith Cowan University, Australia (35 000 €).

PhD study salary and project funding, 2008-2011, various sources (total 90 700 €).

Travel funding for international laboratory visits/exchanges (total 11 600 €) 2011-2018; including JYU visiting fellowship (13 500 €) for Dr. Fernando Pareja-Blanco, 2021.

Research output

Sixty-six published international peer-reviewed scientific articles, 23 as first and 16 as supervising author. Over thirty international and national congress presentations.

Lead role in designing and developing a MEG-compatible force and reflex measurement device to be used at the Centre for Interdisciplinary Brain Research, 2016.

Design and development of objective measurements of functional capacity in older individuals, 2014.

Research supervision and leadership

Primary supervisor for PhD candidates Gonzalo Guerrero, Eero Savolainen, Joonas Juurakko, and Risto-Matti Toivonen, University of Jyväskylä, Finland 2019-.

Co-supervisor for PhD candidates Nijia Hu, Johanna Kotikangas and Samuli Nevanperä, University of Jyväskylä, Finland 2018-.

Main or co-supervisor of MSc thesis work (23 students completed or on-going), 2011-.

Teaching merits

Supervisor of Health Science teaching training students' internships 2023-

Head of curricula evaluation for Master degree programme in Exercise Physiology, 2022-2024

University pedagogical studies, 30 ECTS, 2017-2021

Member of steering groups for evaluating and updating all BSc and MSc Curricula and English language teaching at the Faculty of Sport and Health Sciences, March 2019-

Course leader responsible for curricula; Professional Development and Expertise 2, Quantitative and Qualitative Research Methods, Acute and Chronic Adaptations to Exercise, Exercise Physiology in Extreme Environments, Fundamentals of Physiology.

Lead organizer and grant winner for joint-intensive MSc course abroad, Pablo de Olavide University, April, 2019 (9 850 €)

Awards and honours

NeuroPitch competition finalist, Neuro2020 congress, 2020

Best Biomedical Research award, Finnish society of Sport Sciences, 2017

Best internet-based scientific dissemination award for the blog "Wikiliikuja", 2012.

Other key academic merits

External reviewer of PhD theses, Monash University and Edith Cowan University, Australia

Scientific editor of all PhD theses of Sports Sciences, University of Jyväskylä, March 1, 2019-

Member of Faculty Council Nov 1, 2017-

Member of NeuroMuscular Research Center board Jan 1, 2017-

Review Editor, *Frontier in Physiology – Integrative Physiology*, 2022-

Associate Editor, *Journal of Strength and Conditioning Research*, 2016-

Section Editor (Medicine), *SpringerPlus* journal, 2015-2016 (journal ceased operations)

Invited speaker presentations/lectures

Three domestic and eight international invited speaker lectures (5 at congresses, 6 at private events), 2012-2023.

Experience in organizing scientific meetings

Organizing committee member of International Conference on Strength Training (ICST), Jyväskylä, Finland, September 27-29, 2023

Vice-chair for the 21st International symposium, University of Jyväskylä, Jyväskylä, Finland, October 20-22, 2021

Organizing committee member of MEG NORD congress, May 8-10, 2019, Centre for Interdisciplinary Brain Research, Jyväskylä, Finland

Vice-chair for the 19th International symposium, University of Jyväskylä, Jyväskylä, Finland, October 10-12, 2018

Coordinator for the 13th International symposium, University of Jyväskylä, Jyväskylä, Finland, November 28-30, 2012

Scientific and societal impact of research

Dissemination of research knowledge through the Writer for professional community magazines; "Ikiliikuja" and "Valmentaja" 2016-.

Media interviews, public lectures for retirement groups on strength training and nutrition in old age, social media user to disseminate scientific research and opinions (twitter).

EU Researchers' Night, local coordinator for Faculty of Sport and Health Sciences, 2017-2018

Board member of the JYU Union of Researchers and Teachers, 2014-2016 (Vice-Chair, 2015)

Other merits

British Army Military Training Qualification 1, 2000

Duke of Edinburgh award, 2000