

DR SCOTT HANNAH

I am a Physiologist who is experienced in teaching and researching exercise physiology. I have a passion for data science, statistics and science communication. I have worked in a variety of higher education and research roles, ranging from Lecturer of Physiology to Dance Science Laboratory Technician. I thrive in collaborative environments where I can learn from my peers and share data driven ideas. Currently, I teach and coordinate exercise physiology for undergraduate students at the University of Winchester, where I also supervise several PhD researchers alongside developing my research interests and data science tools.

EDUCATION

- 2022
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2017


- **PhD. Researcher, Exercise Physiology**
Ulster University  Jordanstown, Northern Ireland
 - The effects of acute exercise on calcium and bone metabolism: The Role of Acid-base Influences.
- 2015
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2014


- **MSc, Sport and Exercise Physiology**
Middlesex University  London, UK
 - Awarded: Distinction
 - Thesis: The Effect of Postural Position on Lower Limb Arterial Occlusion Pressure.
- 2014
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2011

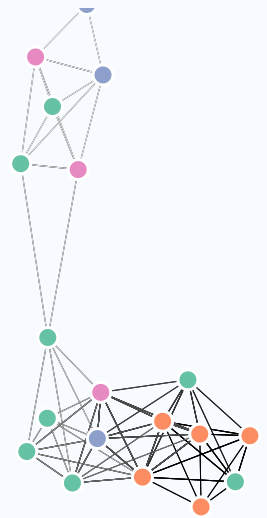
- **BSc (Hons), Sport and Exercise Science**
University of Suffolk  Ipswich, UK
 - Awarded: 2.1

RESEARCH EXPERIENCE

- 2022
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2017

- **PhD. Researcher, Physiology**
Ulster University  Jordanstown, Northern Ireland
 - Planned, conducted and analysed three human experimental crossover studies on acute calcium and bone metabolism in response to exercise.
 - Utilised R and RStudio to produce automated cardiopulmonary exercise test reports and analyse complex data sets.
 - Used an array of statistical procedures and visualisations in my research.
- 2016
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2015

- **Dance Science Researcher**
Trinity Laban Conservatoire of Music & Dance  London, UK
 - Investigated the effect of rehearsal and performance schedules on stress and immune function for the English National Ballet.
 - Explored the energy demands of rehearsals and performances in professional pianists.




View this CV online with links at my [website](#)

CONTACT



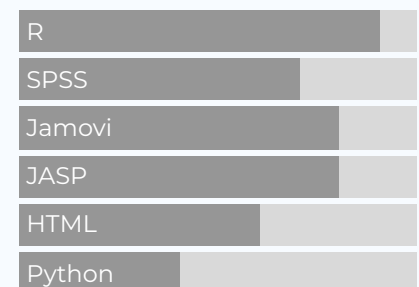
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 [Scott_Hannah_v2](#)

 [Scott-S-Hannah](#)

 www.scott-hannah.com

LANGUAGE SKILLS



Made with the R package [pagedown](#).

The source code is available on [Github](#).

Last updated on 2024-12-02.

2015
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2014

Research Assistant

Middlesex University

📍 London, UK

- Investigated the effect of different recovery therapies on performance, immune response and muscle damage.
- Consulted with professional teams to provide physiological assessment and support, such as Saracens rugby club, British fencing and QPR football club.



TEACHING EXPERIENCE

Current
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2023

Senior Lecturer in Sport and Exercise Physiology

University of Winchester

📍 Winchester, UK

- Programme Leader for BSc (Hons) Sport and Exercise Science degree.

2023
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2022

Lecturer in Sport and Exercise Physiology

University of Winchester

📍 Winchester, UK

- Coordinate and deliver sport and exercise physiology modules at both undergraduate and postgraduate level.
- Supervision for undergraduate and postgraduate (MRes and PhD) dissertations.
- Active consultant and researcher in the field of exercise physiology.

2020
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2017

Part-time Lecturer and Demonstrator

Ulster University

📍 Jordanstown, Northern Ireland

- Lectured topics of physiology and exercise physiology to level 4 and 5 undergraduate students.
- Prepared and delivered laboratory practicals to undergraduate students.
- Supervised MSc dissertation projects and assessed work.

2019
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2017

Research Supervisor

British College of Osteopathic Medicine

📍 Remote, online

- Supervised international students enrolled on an online distance learning course for an undergraduate degree in Osteopathy. Provided distance learning support catered to student projects.
- This involved helping students prepare a research proposal, ethical applications and writing their thesis.

Mar
2018
|
Mar
2018

Guest Lecturer of Exercise Physiology


Westminster University

📍 London, UK


- Prepared and delivered numerous guest lectures of physiology and exercise physiology.

I am passionate about education and enjoy using data and data visualisations to convey complex ideas. I believe that no topic is too complex if the teacher is empathetic and willing to think about new methods of approaching tasks.


2017
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2016

- **Lecturer of Physiology and Exercise Physiology**
British College of Osteopathic Medicine  London, UK
 - Module coordinator for: Physiology, Biochemistry, Advance Physiology and Exercise Physiology
 - Topics involved cardiopulmonary, renal, gastrointestinal and exercise physiology, and endocrinology.
 - Ethical Committee Member

2016
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2015

- **Dance Science Laboratory Technician**
Trinity Laban Conservatoire of Music & Dance  London, UK
 - Prepared, delivered and assessed the Laboratory Skills module for MSc Dance Science students.
 - Provided students with the skills to perform physiological assessments.
 - Responsibilities included maintaining the laboratory and consumables; health and safety officer; managing financial budgets; commercial testing; and teaching.

Dec
2015
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Sept
2015

- **Guest Lecturer of Exercise Physiology**
London Metropolitan University  London, UK
 - Prepared and delivered numerous guest lectures of physiology and exercise physiology.



SELECTED PUBLICATIONS, POSTERS, AND TALKS

In
preparation

- **Does robot-assisted or electromechanical gait training influence physical activity levels during and post-rehabilitation for those with a neurological condition? A systematic review and meta-analysis¹**
PROSPERO: International prospective register of systematic reviews
 - Authors: Andrew Reid, James Faulkner, Scott Hannah, Louise Johnson

2023

- **The Effect of Exercise Intensity of Calcium Metabolism²**
Physiology 2023 (Harrogate, UK)
 - Authors: Hannah, SS. McClean, C. McFadden, S. and McNeilly, A.

2020

- **Take My Breath Away? Hypoxia and Bone: A Narrative Review³**
Journal of Cellular Physiology.
 - Authors: Hannah, SS. McFadden, S. McNeilly, A. and McClean, C.

2020

- **The Effect of Acute Hypoxic Exercise on Calcium Metabolism⁴**
Future Physiology, The Physiological Society.
 - Authors: Hannah, SS. McClean, C. McFadden, S. and McNeilly, A.

2018

- **The Effect of Postural Position on Lower Limb Arterial Occlusion Pressure⁵**
23rd Annual Congress of the European College of Sport Science.
 - Authors: Hannah, SS and Miller, S.



- 1: https://www.crd.york.ac.uk/prospero/display_record.php?RecordID=382402
- 2: <https://www.physoc.org/abstracts/the-effect-of-exercise-intensity-on-calcium-metabolism/>
- 3: <https://doi.org/10.1002/jcp.29921>
- 4: <https://my.ltb.io/www/#/>
- 5: https://www.researchgate.net/publication/326693301_The_Effect_of_Postural_Position_on_Arterial_Occlusion_Pressure_in_the_Lower_Body_A_Methodological_Consideration_for_Blood_Flow_Restriction_Training