

John Dickinson BSc (Hons), PhD FBASES



EDUCATION

2003 – 2006 Brunel University
PhD “PREVALENCE, DIAGNOSIS AND TREATMENT OF EXERCISE INDUCED ASTHMA IN ELITE ATHLETES”

1999 – 2002 University of Wales, Bangor
BSc (Hons) Sports Science (1st Class)

PROFESSIONAL QUALIFICATIONS, ACCREDITATION AND POSITIONS

- Post Graduate Certificate in Learning and Teaching in Higher Education (Awarded November 2013)
- BASES Accredited Sport and Exercise Scientist (from 2006 – present; recredited 2011 and 2016)
- BASES Fellow (2020)
- STEM Ambassador (Since 2011)
- Trustee at the Medway Asthma Self Help charity

EMPLOYMENT

Aug 2012 – present **Professor in Sport and Exercise Science**
University of Kent
Leadership roles: Head of Respiratory Clinic, SSES Director of Graduate studies, SSES Director of Impact and Engagement, SSES Outreach Lead

Jan 2010 – Aug 2012 **Post Doctorial Research Fellow in Respiratory Exercise Physiology**
Research Institute of Sport and Exercise Science, Liverpool John Moores University

Feb 2007 – Jan 2010 **Acquisitions Editor**
Human Kinetics

Jun 2004 – Jan 2007 **Research Physiologist**
English Institute of Sport

Jan 2003 – May 2004 **Project assistant (Sports Science)**
British Olympic Association – Olympic Medical Centre

SELECTED RESEARCH GRANTS

Grant Title: Impact of the Gulf Environment on Respiratory Health in Athletes based in Qatar
Funder: British Council
Value: £19,000 **Date Awarded:** May 2018
Investigators: Dickinson, J (PI) and Molphy, J.

Grant Title: Incorporating respiratory functionality into wearable technology
Funder: Innovate UK (Technology Strategy Board): Knowledge Transfer Partnership
Value: £162,518 **Date Awarded:** Aug 2017
Investigators: Dickinson, J (PI) and Winter, S.

Grant Title: The effect of A2 Milk on exercise performance, inflammation and severity of exercise induced bronchospasm (EIB) in athletes with EIB and asthma.
Funder: A2 Milk
Value: £86,714 **Date Awarded:** January 2017
Investigators: Dickinson, J (PI) and Davison, G.

Project: The Use of a Heat and Moisture Exchange Mask to Reduce Exercise Induced Bronchoconstriction Severity and Improve the Airway Health of Individuals with Asthma
Funder: Asthma UK
Value: £31,635 **Date Awarded:** October, 2016
Investigators: Dickinson, J, Hopker, J & Hull, J

Grant Title: The Long-Term Ergogenic Effect of Long Acting β 2-Agonists
Funder: World Anti-Doping Agency
Value: £100,000 **Date Awarded:** October, 2013
Investigators: Dickinson, J, Whyte, G, Chester, N, Loosemore, M. & Marcora, S.

SELECTED PUBLICATIONS

Dickinson, John W. and Hull, James, eds. (2020) Complete Guide to Respiratory Care in Athletes. Routledge, 200 pp. ISBN 978-1-138-58835-6.

Jackson, A., Hull, J., Hopker, J., Fletcher, H., Gowers, W., Birring, S. & Dickinson, J. (2020). The Impact of a Heat and Moisture Exchange Mask on Respiratory Symptoms and Airway response to Exercise in Asthma. *European Respiratory Journal Open*, 6(2). doi: [10.1183/23120541.00271-2019](https://doi.org/10.1183/23120541.00271-2019)

Merlini, M., Beato, M. Marcora, S. & Dickinson, J. (2019) The Effect of 1600 µg Inhaled Salbutamol Administration on 30 m Sprint Performance Pre and Post a Yo-Yo Intermittent Running Test in Football Players. *J Sports Sci Med*, 18. pp. 716–721

Molphy, J., Dickinson, J., Chester, N., Loosemore M. & Whyte, G. (2019). The Effects of Inhaled Terbutaline on 3-km Running Time-Trial Performance. *Inter J Sports Physio Perf*, 20. Pp 1-26. doi: 10.1123/ijsp.2018-0633

Jackson, A., Hull, J., Hopker, J & Dickinson, J. (2018). Impact of detecting and treating exercise-induced bronchoconstriction in elite footballers. *Euro Resp J Open Research*, 4 (2).

Dickinson, J., Hu, J., Chester, N., Loosemore, M. & Whyte, G (2014). Impact of ethnicity, gender, and dehydration on the urinary excretion of inhaled salbutamol with respect to doping control. *Clin J Sport Med*, 24 (6). pp. 482-489.

Dickinson, J., Molphy, J., Chester, N., Loosemore, M. & Whyte, G. (2014). The Ergogenic Effect of Long-term Use of High Dose Salbutamol. *Clin J Sport Med*, 24 (6). pp. 474-481.

UNDERGRADUATE AND POST GRADUATE EXTERNAL EXAMINER

2016-2020 **European School of Osteopathy (MSc in Master of Osteopathy)**
 2015-2020 **Hull University (BSc Sport and Exercise Sciences and BSc Sports Nutrition)**
 2020-2024 **Liverpool John Moores University (Professional Doctorate in Sport and Exercise Sciences)**

EXTERNAL REVIEWER FOR COURSE VALIDATION

2017 Brunel University – Sport and Exercise Science BSc
 2019 York St. John's University - MSci Sport and Exercise Science; MSci Sport and Exercise Therapy
 2020 National Commission for Further and Higher Education (NCFHE), Malta

PHD SUPERVISOR

Current students: 3 Successful Completions: 9

PHD EXTERNAL EXAMINER

University of Gloucestershire, Nottingham Trent University, Southampton University, University of Copenhagen, Norwegian School of Sports Science, Norwegian School of Life Sciences

REVIEWER

Medicine and Science in Sport and Exercise, Journal of Sport Science, European Journal of Sports Science, British Journal of Sports Medicine, European Journal of Applied Physiology, Scandinavian Journal of Medicine and Science in Sports

KEY NOTE, INVITED AND SYMPOSIUM PRESENTATIONS (Last 3 years only)

May 2021 Tutorial Lecture: Is there a pattern to help the breathless athlete? – **American College of Sports Medicine Annual conference, San Fransico, USA**
 Jan 2020 Dysfunctional Breathing – **Norwegian Annual Congress on Exercise Physiology, Bergen, Norway**
 June 2019 Breathing Success - **POWERBreathe Distributors conference, Germany**
 Apr 2019 Treating athlete with dysfunctional breathing - **Association for Chartered Physiotherapists in Respiratory Care Annual Conference**
 Nov 2018 Asthma Screening of Olympic Athletes: How to decide when to treat? - **Norwegian Sports Medicine Conference**
 Nov 2018 Asthma Medication: Is it Performance Enhancing? - **Norwegian Sports Medicine Conference**
 Mar 2018 Asthma Related Issues in Elite Football - **Premier League Doctors Annual Conference**
 May 2017 Invited Tutorial: Optimising Total Airway Health – **American College of Sports Medicine, USA**
 Mar 2017 Asthma in Sport Update – **London Deanery Sport and Exercise Medicine Annual Training Day**