

Biography

I graduated from Liverpool John Moores University with an undergraduate degree in Sport and Exercise Science (physiology) in 2010 and was awarded my PhD entitled 'Visceral body fat and the link to impaired cognitive function; focus on systemic and cerebrovascular endothelial function' in 2017 from the University of South Wales. My PhD investigated the effects of visceral adiposity on cerebrovascular and cardiorespiratory function and the link to cognitive dysfunction. I am a fellow of the higher education academy and was awarded the postgraduate certificate in academic practice from Coventry University in 2016.

Qualifications

Doctor of Philosophy, Visceral body fat and the link to impaired cognitive function; focus on systemic and cerebrovascular endothelial function, University of South Wales
Award Date: 4 Jul 2017

Bachelor of Science, Sport and Exercise Sciences (Physiology), Liverpool John Moores University

PGCertHE

Fellow of the Higher Education Academy

Employment

Senior Lecturer

School of Sport and Wellbeing

Faculty of Health, Wellness and Life Sciences

1 Jul 2022 → present

Research outputs

No effect of prefrontal transcranial direct current stimulation (tDCS) on food craving, food reward and subjective appetite in females displaying mild to moderate binge-type behaviour

Beaumont, J., Dalton, M., Davis, D., Finlayson, G., Nowicky, A., Russell, M. & Barwood, M., 1 Oct 2023, In: *Appetite*. 189, 106997.

The efficacy of a multimodal recovery strategy implemented after a high-intensity rugby league training session

Aben, H., Hills, S., Higgins, D., Cooke, C., Davis, D., Jones, B. & Russell, M., Aug 2023, In: *Journal of Strength and Conditioning Research*. 37, 8, p. 1634-1642

Effective transcranial direct current stimulation (tDCS) parameters for the modulation of eating behavior: a systematic literature review and meta-analysis

Beaumont, J., Smith, N., Starr, D., Davis, D., Dalton, M., Nowicky, A., Russell, M. & Barwood, M., Jul 2022, In: *Psychosomatic Medicine*. 84, 6, p. 646-657

Marathon performance and pacing in the Doha 2019 women's IAAF World Championships: extreme heat, sub-optimal pacing and high failure rates

Beal, H., Corbett, J., Davis, D. & Barwood, M., Jul 2022, In: *International Journal of Sports Physiology and Performance*. 17, 7, p. 1119–1125

Modulating eating behaviour with transcranial direct current stimulation (tDCS): a systematic literature review on the impact of eating behaviour traits

Beaumont, J., Smith, N., Starr, D., Davis, D., Dalton, M., Nowicky, A., Russell, M. & Barwood, M., 17 Nov 2021, In: *Obesity Reviews*. e13364.

The effect of transcranial direct current stimulation (tDCS) on food craving, reward and appetite in a healthy population

Beaumont, J., Davis, D., Dalton, M., Nowicky, A., Russell, M. & Barwood, M., 1 Feb 2021, In: *Appetite*. 157, 105004.

Profiling the post-match recovery response in male rugby: a systematic review

Aben, H., Hills, S., Cooke, C., Davis, D., Jones, B. & Russell, M., 28 Sept 2020, In: *Journal of Strength and Conditioning Research*.

The reliability of neuromuscular and perceptual measures used to profile recovery, and the time-course of such responses following academy rugby league match-play

Aben, H., Hills, S., Higgins, D., Cooke, C., Davis, D., Jones, B. & Russell, M., 22 May 2020, In: Sports. 8, 5

The effects of combined movement and storytelling intervention on motor skills in south Asian and white children aged 5-6 years living in the United Kingdom

Eyre, E. L. J., Clark, C. C. T., Tallis, J., Hodson, D., Lowton-Smith, S., Nelson, C., Noon, M. & Duncan, M. J., 13 May 2020, In: International journal of environmental research and public health. 17, 10, 3391.

Long-term exercise confers equivalent neuroprotection in females despite lower cardiorespiratory fitness

Marley, C. J., Brugniaux, J., Davis, D., Calverley, T. A., Owens, T. S., Stacey, B. S., Tsukamoto, H., Ogoh, S., Ainslie, P. N. & Bailey, D. M., 10 Feb 2020, In: Neuroscience. 427, p. 58-63

Appeal biases for sweet and fatty foods are robust following a single session of transcranial direct current stimulation (tDCS) in a healthy weight population

Beaumont, J., Davis, D., Dalton, M., Russell, M. & Barwood, M., 4 Sept 2019.

Redox-regulation of haemostasis in hypoxic exercising humans: A randomised double-blind placebo-controlled antioxidant study

Fall, L., Brugniaux, J., Hodson, D., Marley, C., Davies, B., New, K., McEneny, J., Young, I. S. & Bailey, D. M., 15 Oct 2018, In: Journal of Physiology. 38 p.

Post-prandial hyperlipidaemia results in systemic nitrosative stress and impaired cerebrovascular function in the aged

Marley, C. J., Hodson, D., Brugniaux, J. V., Fall, L. & Bailey, D. M., 28 Nov 2017, In: Clinical science (London, England : 1979). 131, 23, p. 2807-2812 6 p.

Effects of exercise intensity on clot microstructure and mechanical properties in healthy individuals

Davies, N. A., Llwyd, O., Brugniaux, J. V., Davies, N. A., Marley, C. J., Hodson, D., Lawrence, M. J., D'Silva, L. A., Morris, R. H. K., Hawkins, K., Williams, P. R., Bailey, D. M. & Evans, P. A., 1 Jul 2016, In: Thrombosis research. 143, p. 130-136

Acute exercise stress reveals cerebrovascular benefits associated with moderate gains in cardiorespiratory fitness

Brugniaux, J. V., Marley, C. J., Hodson, D., New, K. J. & Bailey, D. M., Dec 2014, In: Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism. 34, 12, p. 1873-1876

Elevated aerobic fitness sustained throughout the adult lifespan is associated with improved cerebral hemodynamics

Bailey, D. M., Marley, C. J., Brugniaux, J. V., Hodson, D., New, K. J., Ogoh, S. & Ainslie, P. N., 21 Oct 2013, In: Stroke. 44, p. 3235-38

Impaired cerebral haemodynamic function associated with chronic traumatic brain injury in professional boxers

Bailey, D. M., Jones, D. W., Sinnott, A., Brugniaux, J. V., New, K. J., Hodson, D., Marley, C. J., Smirl, J. D., Ogoh, S. & Ainslie, P. N., 1 Feb 2013, In: Clinical science (London, England : 1979). 124, 3, p. 177-189

Activities

BSc (Hons) External Validation

Danielle Davis (Examiner)

23 Jun 2022

BSc (Hons) External Validation

Danielle Davis (Examiner)

6 Jun 2022

'HeaLTU' - Towards a healthier campus and local community

Marco Bardus (Consultant), Danielle Davis (Consultant), Leanne Livsey (Consultant), Christopher Sellars (Consultant), Abigail Lancaster (Consultant) & Sarah Todd (Consultant)

1 Jun 2022 → 1 Dec 2022

International journal of environmental research and public health (Journal)

Danielle Davis (Peer reviewer)

27 May 2022

Approval Event

Danielle Davis (Consultant)

23 May 2022

BSc (Hons) External Validation

Danielle Davis (Examiner)

23 May 2022

BSc (Hons) External Validation

Danielle Davis (Examiner)

23 May 2022

Leeds Trinity University (Organisational unit)

Danielle Davis (Member)

2022 → ...

PhD Examination

Danielle Davis (Examiner) & Justin Roberts (Examiner)

15 Dec 2021

PhD Examination

Barry Drust (Examiner), Chris Rowley (Examiner), Danielle Davis (Examiner) & Lisa Webster (Examiner)

6 Nov 2020

Brain Sciences (Journal)

Danielle Davis (Peer reviewer)

29 Sept 2020

PhD Examination

Danielle Davis (Examiner) & Sam Blacker (Examiner)

14 Sept 2020

American Journal of Human Biology (Journal)

Danielle Davis (Peer reviewer)

14 Feb 2020

Lab Supervisor

Danielle Davis (Supervisor)

2019 → ...

Leeds Trinity University (Organisational unit)

Danielle Davis (Member)

2019 → ...

BASES student conference 2019

Hendrickus Aben (Invited speaker), Danielle Davis (Invited speaker), Ben Jones (Invited speaker) & Mark Russell (Invited speaker)

19 Apr 2018

MRes examination

Mark Russell (Examiner), Danielle Davis (Examiner) & Mark Waldron (Examiner)
24 Jan 2015

2022	Lorem ipsum dolor sit amet
2021	Lorem ipsum dolor sit amet
2020	Lorem ipsum dolor sit amet
2019	Lorem ipsum dolor sit amet
2018	Lorem ipsum dolor sit amet
2017	Lorem ipsum dolor sit amet