

Curriculum Vitae: Dawson J. Kidgell, Ph.D.

I am a highly-qualified, well-respected academic with an international reputation, having worked in the field of Neurophysiology of Exercise for over 21 years. I have a strong pedagogy and research background, with more than 10 years research and education leadership experience in the academic and applied sport sciences. I have a successful track record of income generation (>\$2.5M) and have more than 100 peer-reviewed publications in internationally recognized journals. I lead research both within and outside my institution on collaborative, internationally-respected projects. I make substantial contributions to national governing bodies and industry by developing, implementing and leading research strategy, quality assurance policy and applying knowledge that directly influences the direction of the field of Sport, Exercise and Rehabilitation that results in a positive impact to end users on national and international levels.

Academic Qualifications

- 2007-2010** Doctor of Philosophy (Neurophysiology), Thesis title: 'Physiological investigation of human motor control: Neurological adaptations to resistance training', School of Exercise and Sport Science, Victoria University, Footscray Park Campus, Melbourne.
- 2004** Graduate Certificate of Higher Education, School of Education, Deakin University, Burwood Campus, Melbourne.
- 2002** Master of Applied Science (Neurophysiology), Thesis title: 'Post-activation potentiation and neuromuscular performance', School of Exercise and Sport Science, Victoria University, Footscray Park Campus, Melbourne.
- 1999** Graduate Diploma in Exercise Sports Science, School of Exercise and Sport Science, Victoria University, Footscray Park Campus, Melbourne.
- 1998** Bachelor of Applied Science (Human Movement), Department of Human Movement Science, Victoria University, Footscray Park Campus, Melbourne

Relevant Work Experience

Monash University July 2017-present

- Advanced Research Coordinator (Physiotherapy): project development and leadership; mentoring of early career researchers and research students.
- Associate Professor in Physiotherapy: course validation, module leader, delivery and support of the exercise physiology and research topics within the undergraduate and post graduate physiotherapy programmes, and post graduate curriculum development, pastoral care
- Course Coordinator M3003 Bachelor of Physiotherapy Advanced Research (Honours)
- Course Coordinator M5021 Graduate Diploma of Health and Science Research (Physiotherapy)
- Chief Examiner and Unit Chair PTY5106 Foundations of Physiotherapy (12 Credit points)
- Chief Examiner and Unit Chair PTY4010 (12 Credit points), PTY4020 (12 Credit points), PTY4030 (24 Credit points)
- Director, Monash Exercise Neuroplasticity Research Unit: day-to-day laboratory leadership; project management of new laboratory developments; PhD and Honours supervision
- Knowledge transfer: lead and delivery of public facing events; educational workshops and other CPD opportunities for ESSA; SMA and ASCA.
- Institutional citizenship: Course Management and Advisory Board member (Physiotherapy); Post Graduate and Undergraduate Research Committee member (Physiotherapy); Monash Graduate Research Milestone panel member.

Markers of Esteem

As an internationally-recognised expert in the discipline of the Neuromuscular Aspects of Exercise Physiology, I lend academic expertise to numerous partners. Of particular note is the work that I do for large international research funding bodies in both America and Europe. This is further evidenced by invited contributions at international conferences, international journal editorial memberships to the Journal of Strength and Conditioning Research, Journal of Science and Medicine and the Journal of Functional Morphology and Kinesiology and, finally, my role with Exercise and Sport Science Australia (ESSA) as an author for ESSA's Student Manual for Exercise Prescription, Delivery and Adherence, 1st Edition.

External esteem and professional service

- Senior Research Fellow, Neuromuscular Research Centre, University of Jyväskylä, Finland (September – November 2023)..
- Honorary Research Fellow, Department of Sport, Exercise and Rehabilitation, University of Northumbria
- Grant Review Panel Member for the National Health and Medical Research Council, Australia (2021-)
- Grant Review Panel Member for the National Science Foundation Virginia, USA (2021-).

- Grant Review Panel member for UK Research and Innovation Future Leader Fellowships (2020-)
- Grant Review Panel Member Swiss National Science Foundation (2020-)
- Grant Review Panel Member Exercise and Sport Sciences Australia
- Grant Review Panel Member Sports Medicine Australia
- Editorial Board Member, Journal of Strength and Conditioning Research
- Editorial Board Member, Journal of Science and Medicine
- Editorial Board Member, Journal of Functional Morphology and Kinesiology
- University of Northumbria, UK - Visiting Research Fellow (2016-17)
- Invited expert reviewer for >20 international journals
- Invited research degrees examiner (4)

Invited Speaker, Chair and Communications to the Wider Community (Last 5 years)

1. **Kidgell DJ.** (2023). Key Note Speaker. Determining the intracortical responses to different modes of strength training. International Conference on Strength Training, Finland. September 24th.
2. **Kidgell, DJ.** (2021). Invited Speaker. Transcranial magnetic stimulation: Theory, Methods and Applications in Sport, Exercise and Rehabilitation. ADInstruments Webinar Series, Monday November 8th.
3. **Kidgell, DJ.** (2021). Invited Speaker. Contralateral transfer of strength: Mechanisms, evidence and applications. Australian Strength and Conditioning Association, March 2021.
4. **Kidgell, DJ.** (2019). Exercise is Medicine: Optimizing the dose and delivery strategies', Australian Conference of Science and Medicine in Sport. October 2019.
5. **Kidgell, DJ.** (2019). Invited Interview. Coaches Corner, Runnez Radio (<https://runnezradio.blubbry.net/2019/04/22/coaches-corner-april-22-2019/>).
6. **Kidgell, DJ.** (2018). Invited Keynote Speaker. The role of the brain in strength and power performance and training: What do we know today? 19th International Conference on Modern Strength and Endurance Training. NeuroMuscular Research Centre, Faculty of Sport and Health Sciences, University of Jyväskylä, Finland. October, 2018.
7. **Kidgell, DJ.** (2017). Invited Interview. Opposites attract: Exercising healthy limbs counters pain and injury. Monash LENS, November 2017 (<https://lens.monash.edu/@dawson-kidgell/2017/11/24/1267435/opposites-attract-how-exercising-healthy-limbs-counters-pain-and-injury>)

Research Profile – H index = 44 (March, 2023)

I am an acknowledged world expert in the discipline of the Neuromuscular Aspects of Exercise Physiology and specifically in the area of Neuromuscular Adaptation from Strenuous Physical Activity. I have research outputs (**total citations: 5792; citations since 2018: 3856; average impact factor: 3.5; average citations per year: >700**) and >50 conference communications, invited talks and session Chair.

I have authored 2 International Scholarly Research Textbooks, 2 Teaching Textbooks and have written 8 book chapters. I collaborate extensively internationally and nationally, which has led to high-impact research outputs and development of case study material that has direct application to the wider community. The work is supported by a series of successful research grant applications as CI and AI: >\$2.5M in total. I have a successful track record of 12 PhD supervisions to completion, >25 Honours to completion. I have been invited to examine 4 PhDs and I am currently either supervising or co-supervising 13 PhD students.

Current Research Collaborations

International: Prof. Glyn Howatson – **University of Northumbria**, England; Prof. Janne Avela – **University of Jyväskylä**, Finland; Prof. Tibor Hortobágyi – **University of Groningen**, Netherlands; Prof. Jonathan Farthing, **University of Saskatchewan**, Canada; Prof. Franca Derui - **University of Sassari**, Italy; Dr Juha Ahtiainen - **University of Jyväskylä**, Finland; Dr Simon Walker - **University of Jyväskylä**, Finland; Dr Jamie Tallent – **University of Essex**, England; Dr Callum Brownstein - **Jean Monnet University**, France.

National: Prof. Alan Pearce – **La Trobe University**, Australia; Prof. Simon Gandevia – **University of New South Wales**, Australia; Prof. Tim Carroll – **University of Queensland**, Australia; Prof. Jeff Coombes – **University of Queensland**, Australia; Dr David Opar – **Australian Catholic University**, Australia; Dr Michael Leung – **Monash University**, Australia, Assoc Prof. Peter Mallairas – **Monash University**, Australia, Assoc Prof Shapour Jaberzadeh – **Monash University**, Australia, Dr Ash Frazer – **Monash University**, Australia, Dr Ashlee Hendy – **Deakin University**, Australia.

Scientific Publication Record

A total of 170+ peer-review full length articles and book chapters have been published in international Scientific Journals and Textbooks (see full [publication here](#)). Total number of citations: 5792, H-index: 44, i10index: 77. Overall, my research has received over 60k publication views, with 14,600 publication downloads.

Finally, approximately an additional \$3 million from Competitive Internal and External Sources has been attracted since 2006 – details available on request.