

Luke Michael Davies

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About: My name is Luke Davies; I am a musculoskeletal physiotherapist and research fellow with a keen interest in manual therapy, telehealth, and exercise-based interventions to improve patient outcomes. A key area of interest involves educating students in contemporary physiotherapy practice and discovering ways to advance and enhance physiotherapy curricula/education.

Work Experience

Macquarie University January 2022 - current (Level B. Lecturer, Co-convenor, Research Fellow, Course Director Bachelor of Health Sciences)

Duties: Delivery of physiotherapy units within the Doctor of Physiotherapy students, marking of OSCE exams, remote marking of research, supervision of students in research projects, involved in curricula review/development and other unit written examinations. Course Director for new Bachelor of Health Sciences degree.

Monash University January 2023 - current (Level B. Adjunct Research Fellow, Lecturer)

Duties: Delivery and development of applied anatomy unit to Doctor of Podiatry Students. Leading and participating in various research projects attached to an MRFF.

University of Melbourne June 2020 – October 2022 (Casual Academic)

Duties: Remote marking of written assignments in Doctor of Physiotherapy program and casual teaching into first year foundational physiotherapy units.

Take Control Active Rehab January 2019 – June 2021 (Physiotherapist)

Duties: Assessments of patients, patient education, treatment planning, manual therapy, liaise with General Practitioners, provide in services, report writing, exercise prescription, processing of payments (Health funds, DVA, Medicare), assist in team care arrangement plans, provide individual rehabilitation programs with self-management strategies.

Western Sydney University August 2014 – February 2020 (Functional Anatomy tutor, Supervisor)

Duties: Delivery of functional anatomy lessons to students in a self-directed environment, clarify and explain difficult concepts, marking of assessment and exams, supervising exams, supervising labs, setting up of class activities.

Medicine in Motion December 2014 – December 2015 (Exercise Physiologist)

Duties: Assessment of patients' movement capacity, patient education, liaise with other health care professionals and GP's, exercise prescription, treatment planning.

Functional Rehabilitation Health Group December 2005 – December 2018 (Owner, Sports & Remedial therapist/Exercise Physiologist)

Duties: Assessment of patients, selection of appropriate techniques for treatment, treatment planning, administration (book-keeping, ordering, processing payments), patient education, exercise prescription.

Education

University of Melbourne March 2020 – March 2023
Doctor of Philosophy (Pass with no revisions)

University of Melbourne July 2021 – September 2021
Certificate in Small Group Teaching

Macquarie University August 2015 – June 2018
Doctor of Physiotherapy

Charles Sturt University Jan 2014 – December 2014
Master of Clinical Exercise Physiology (Rehabilitation)
Awarded Executive Deans Award for Academic Excellence

University of Western Sydney March 2011 – November 2013
Bachelor of Health Science (Sport & Exercise Science)
Golden Key International Honour Society Invitation

Shellharbour TAFE February 2006- November 2007
Diploma Remedial Massage
Cert IV Massage Therapy

References

Verity Pacey
Professor
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Publications:

1. **Davies, L.**, Hinman, R. S., Russell, T., Lawford, B., Bennell, K., Billings, M., ... & Roots, R. (2021). An international core capability framework for physiotherapists to deliver quality care via videoconferencing: a Delphi study. *Journal of physiotherapy*, 67(4), 291-297.

-Cites 55 times

-Altmetrics score 50, top 5%

-Q1 ranked 11/210 in physical therapy, sports therapy, and rehabilitation

2. **Davies, L.**, Hinman, R. S., Russell, T., Lawford, B., & Bennell, K. (2022). An international core capability framework for physiotherapists delivering telephone-based care. *Journal of Physiotherapy*.

-Cites 15 times

-Altmetrics score 27, top 25%

-Q1 ranked 11/210 in physical therapy, sports therapy, and rehabilitation

3. **Davies, L.**, Hinman, R.S., Russell, T., Lawford, B., Merolli, M., & Bennell, K. (2022). Self-reported confidence of final year Australian physiotherapy entry-to-practice students and recent graduates in their capability to deliver care via videoconferencing. *European Journal of Physiotherapy*.

-Cites 8 times

- Altmetrics score 14, top 25%

- Q3 ranked 167/224 in physical therapy, sports therapy, and rehabilitation

4. **Davies, L.**, Lawford, B., Bennell, K., Russel, T., & Hinman. (2022). Telehealth education and training in entry-to-practice physiotherapy programs in Australian universities: A qualitative study with university educators. *Musculoskeletal Care*.

-Cites 8 times

-Altmetrics score 14, top 25%

-Q2 ranked 86/234 in physical therapy, sports therapy, and rehabilitation

5. **Davies, L.**, (2023). Critically appraised paper: In overweight and obese adults with knee osteoarthritis, the addition of telehealth-delivered exercise and diet programs to online education improves pain and function [commentary]. *Journal of Physiotherapy*.

-Q1 ranked 11/210 in physical therapy, sports therapy, and rehabilitation

6. Ho, M., Pacey, V., Paterson, K., Griffiths, I., Tofts, L., **Davies, L.**, Williams, C. (2023). Practitioners' preference in using electrotherapy to treat paediatric lower limb conditions: an online survey. *Disability and Rehabilitation*.

-Q1 ranked 23/146 in Medicine, rehabilitation.

7. **Davies, L.**, Lawford, B., Chan, C. (2024). Physiotherapy students' attitudes toward the use of telehealth in clinical practice: A cross-sectional survey. *Health Science Reports*

-Cites 1

- Q2 ranked 1115/2495 in Medicine, miscellaneous.

8. **Davies, L.**, & Lawford, B. (2024). The time is now: Telehealth education and training in physical therapy [Editorial]. *Brazilian Journal of Physical Therapy*.

-Cites 1

-Q1 ranked 30/242 in physical therapy, sports therapy, and rehabilitation

9. Ilhan, E., **Davies, L.**, Pacey, V., Smith, M., Munro, J., Munns, C., ... & Williams, C. (2024). Breadth and visibility of children's lower limb chronic musculoskeletal pain: a scoping review. *BMJ open*, 14(10), e082801.

-Q1 ranked 312/2494 in Medicine, miscellaneous.

10. Haber, T., **Davies, L.**, Hinman, R. S., Bennell, K. L., Bruce, W., Jewell, L., ... & Lawford, B. J. (2024). 'It's especially good just to know that you're not the only one': a qualitative study exploring experiences with online peer support programmes for the Fragile X community. *Journal of Intellectual Disability Research*.

-Q1 ranked 15/157 in Medicine, Rehabilitation

11. **Davies, L. M.**, Lawton, V., Bevan, R., Mestousis, M., & Pacey, V. (2025). Informing the Development of Telehealth Education in Physiotherapy Programs. Assessments and Interventions for Individuals Accessing Physiotherapy Care via Synchronous Telehealth. A Scoping Review. *Musculoskeletal Care*, 23(1), e70039.

-Q2 ranked 86/234 in physical therapy, sports therapy, and rehabilitation

Research Impact:

The core capability frameworks for physiotherapists delivering quality care via videoconferencing and telephone have been endorsed by the International Society for Telemedicine and eHealth. The frameworks have been promoted and housed on the websites of physiotherapy associations in 13 countries. The videoconferencing framework has been incorporated into the curricula of 3 national universities and informed competencies in Canada and Scotland and has been translated into Spanish. The two frameworks were developed into a clinician companion which is freely available to clinicians for download.

Awards:

Journal of Physiotherapy paper of the year 2021. "An international core capability framework for physiotherapists to deliver quality care via videoconferencing: a Delphi study"

Presentations:

The Sixth Annual Conference of the UConn Centre for mHealth and social media “Telehealth and Remote Care in a Post-Pandemic World”. May 2022. Poster presentation on an international core capability framework for physiotherapists to deliver quality care via videoconferencing.

Arizona Telemedicine Program and Southwest TRC Telehealth Resource Centre, March 2022. Presentation on best practice guidelines for physiotherapists delivering care via videoconferencing using the international core capability framework for physiotherapists.

Melbourne School of Health Sciences Graduate Researchers eColloquium, October 2021. Poster presentation on an international core capability framework for physiotherapists to deliver quality care via videoconferencing.

Australian Physiotherapist Association Telehealth Roundtable, November 2020. Presentation on core capability framework for physiotherapists delivering care via videoconferencing project and preliminary results.