

Curriculum Vitae: PhD Candidate Research Portfolio

1. Study 1-Published

Title: Chronic Musculoskeletal Pain and Risk of Incident Parkinson's Disease: A 13-Year Longitudinal Study

- Published as first author in *Movement disorders*: (Impact Factor: 7.4; Q1, ranked 1st in Movements Disorders and 16th out of 281 journals in Clinical Neurology (2023))
- This work was selected for an Oral Presentation at 2023 Public Health Association Australia (PHAA) Conference.
- This work also has gained Media attention with a featured article in physician's weekly which is disseminated to healthcare professionals at the point of care (<https://medicadialogues.in/neurology-neurosurgery/news/chronic-musculoskeletal-pain-independently-linked-to-incidence-of-parkinsons-disease-study-139638>).

2. Study 2-Published

Title: Association of chronic pain and analgesic with the risks of Parkinson's and Alzheimer's disease

- Published as first author in *Geroscience* (Impact Factor: 5.9; Q1, leading top journal in geriatrics and gerontology with the ranking of 7th out of 73 journals in this field).
- This work was selected for an Oral Presentation at 2024 Australian Association of Gerontology (AAG) conference.
- This work was selected for an Oral Presentation at 2025 Australian Pain Society (APS) conference.

Additional Research Contributions

Contributed as a co-first author in an additional original research paper:

Title: Serological evidence linking viral infections to incident risk of hip and knee osteoarthritis

- Contributed as first author and is accepted in *bone and joint research journal* (Impact Factor: 5.1; Q1, leading top journal in orthopaedics with the ranking of 6th out of 139 journals in this field).
- This work was presented in OARSI international congress, main osteoarthritis research and treatment congress, in 2024 in South Korea and is indexed in Osteoarthritis and cartilage journal (Impact Factor: 9, Q1, 2 of 139 orthopaedics journal)

Contributing as a clinical investigator in Tasmania Parkinson's Project:

- ❖ Clinical assessments of patients using Movement Disorders (MDS)- Unified Parkinson's Disease Rating Scale, Part III (UPDRS-III): Conducting motor examinations for patients with parkinsonism who have been diagnosed for less than five years in the clinic.

Additional Contributions

- ❖ Member of the Menzies Institute for Medical Research Inclusion, Diversity, and Equity (EDI) committee (2024 – current)
International peer leader at the University of Tasmania (2023-current) – Casual role Assisting new international undergraduate and postgraduate research students settle in studies in Tasmania.
- ❖ Abstract reviewer for Australian Epidemiological Association 2025 scientific meeting.

Conferences

Chronic Musculoskeletal Pain and Risk of Incident Parkinson's Disease: A 13-Year Longitudinal Study

- 57th Public Health Association Australia (PHAA) Conference: Oral Presentation, Hobart (Presented), September 2024.
- College of Health and Medicine (CoHM) Research Showcase 2024: Oral Presentation, Hobart (Presented)

Combined association of chronic pain and analgesic use on risks of Parkinson's and Alzheimer's disease

- 57th Australian Association of Gerontology (AAG) Conference: Oral Presentation, Hobart (Presented), November 2024.
- AAG TAS Division: Oral Presentation, Hobart (Presented), February 2025.
- Australian Pain Society (APS): Oral Presentation, Melbourne (Presented), April 2025

Osteoarthritis (OA) Summit, March 2025

- This national meeting was meant to bring together researchers, clinicians, consumer organizations, people with lived experience of osteoarthritis, industry and government bodies to discuss the current funding landscape in Australia, work collectively on collaborative national projects and work towards advocacy for more research funding for musculoskeletal conditions.

Funding/Awards/Recognition

- Australian Association of Gerontology (AAG) Tasmania bursary: Awarded \$350, November 2024, which was awarded before the conference and after abstract acceptance.
- Menzies Top Up Scholarship, March 2025: \$7,500 per annum from award of top-up to (a) thesis submission date with meeting the following criteria:
 - Undertaking a higher degree by research at Menzies with a research focus on conditions and diseases that relate to aging
 - Academic excellence - outstanding progress in PhD at Menzies