



INTERDEM MEMBERS – BRIEF CURRICULUM VITAE

Please complete this document (no more than 3 pages) and return to christine Bailey on christine.bailey@nottshc.nhs.uk

Please can you also add a picture of yourself



NAME: Jennifer MacRitchie

TITLE: Dr

PROFESSIONAL GROUPING: Academic Researcher

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WEBLINK:

<https://sheffield.ac.uk/las/people/music-staff/jennifer-macritchie>; <https://sheffield.ac.uk/muses-mind-machine/research/technologies-ai/older-adult-wellbeing>

PRESENT POSITION (e.g. Director of ...): BRIDGES for Dementia Network Lead, PI for the Music, Dementia, Technology project. UKRI Future Leaders Fellow, Co-Director of the Muses, Mind, Machine research centre, University of Sheffield. Honorary research fellow at the MARCS Institute for Brain, Behaviour, and Development, Western Sydney University.

HIGHEST ACADEMIC QUALIFICATION (e.g. PhD, MD etc.): PhD

YEAR OF PHD QUALIFICATION: 2011

PROFILE OF MEMBER: Jennifer MacRitchie is a UKRI Future Leaders Fellow and interdisciplinary researcher based at the School of Languages, Arts and Societies at the University of Sheffield. Honorary research fellow at the MARCS Institute for Brain, Behaviour, and Development at Western Sydney University. Her research takes a participatory approach to the design and implementation of new technologies to enhance engagement with music in dementia.

AREAS OF EXPERTISE: Music, Technology, Older adults, Dementia

KEY PUBLICATIONS (Max. 5):

1. Christensen, J., Timmers, R., & MacRitchie, J., (2025). Reassessing outcomes of musical activities for people with dementia: supporting joint agency, selfhood and couplehood with an embodied and relational approach. *Journal of Aging Studies*, 72, 101289. <https://doi.org/10.1016/j.jaging.2024.101289>
2. MacRitchie, J., Christensen, J., Fishwick, E.*, & Timmers, R. (2024). Digital adaptations to programme delivery for people living with dementia in response to the COVID-19 pandemic. *Arts and Health*. Epub ahead of print. <https://doi.org/10.1080/17533015.2024.2335378>
3. MacRitchie, J.***, Floridou, G.A.***, Christensen, J., Timmers, R., de Witte, L. (2023). The use of technology for arts-based activities in older adults living with mild cognitive impairment or dementia: A scoping review. *Dementia*, 22(1), 252-280. doi:[10.1177/14713012221127359](https://doi.org/10.1177/14713012221127359)

4. Pigrem, J., Christensen, J., deWitte, L., McPherson, A., Timmers, R. & MacRitchie, J. (2024). Agency and Creativity in Musical Interaction for those living with Dementia and Cognitive Decline. Proceedings of the New Interfaces for Musical Expression (NIME) 2024
5. Pigrem, J., MacRitchie, J. & McPherson, A. (2023). Instructions not Included: Dementia-friendly approaches to DMI design. Proceedings of the New Interfaces for Musical Expression (NIME) 2023

RELEVANT RESEARCH ACTIVITY:

Please indicate for past 5 years only (i) Grants Awarded: Names of investigators; Years; Title of Project; name of awarding agency (ii) PhD and other projects: Title, start or completed date.

Grants Awarded:

1. Investigators: Jennifer MacRitchie (Lead) Su Li, Christian Morgner, Dan Blackburn (University of Sheffield), Joseph Lindley, Roger Whitham, (Lancaster University), Ming Hsu (Anglia Ruskin University), Hua Zhong (LSBU), Tao Cheng (UCL), Anna Korhonen (University of Cambridge), Jim Ang, Giovanni Masala (University of Kent), Huiyu Zhou (University of Leicester) + 6 non-academic partners Title: BRIDGES for Dementia Network Plus (Building Research Innovation co-Developing Greater Empowerment and Support for people living with Dementia); 2025-2028; UK Engineering and Physical Sciences Research Council
2. Investigators: Jennifer MacRitchie (Lead), Renee Timmers, Luc de Witte, Andrew McPherson. Title: Designing new musical technologies for older adults' wellbeing; 2021-2025, Renewal 2025-2028; UK Research and Innovation Future Leaders Fellowships
3. Investigators: Unforgettable Experiences (Industry Lead) Jennifer MacRitchie (Academic Lead), Christian Morgner (University of Sheffield). Title: Living creatively with cognitive impairment; 2022-2023; Innovate UK.

Relevant Supervised PhD Projects:

1. Michael Neokleous. In Progress, Start Date Oct 2022. Title: Personalising dementia care through AI-enabled musical instrument training
2. Anita Connell. Awarded. Completion Date Jan 2025 Title: Music Instrument Learning throughout Ageing and Cognitive Impairment
3. Isaac Vohra. In Progress, Start Date Oct 2025. Title: Investigating the potential of dementia-friendly music instruments to improve confidence and self-esteem in people living with dementia

CURRENT RESEARCH INTERESTS/ONGOING PROJECT TITLE:

Current research is centred around co-design of technologies to support people living with dementia to live full, connected, and independent lives. Primarily, my research has examined this from the domain of music and the arts, and our ongoing network examines this broadly across indoor/outdoor spaces, arts, sports and culture, human and virtual communication and digital technology translation.

HOW DO YOU INTEND TO CONTRIBUTE TO INTERDEM:

I will contribute regularly to INTERDEM meetings, and provide more opportunities for people living with dementia and early career researchers to be involved in technology design work around psychosocial interventions in the UK. I will also contribute by disseminating work to the network around our technology co-design projects, and being involved in relevant taskforces.