Cam Ferguson

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SUMMARY

I am a clinical psychologist working in neuropsychology in Bristol, UK. I am undertaking post-doctoral training in clinical neuropsychology. My research focuses on the intersection of neuropsychology and psychometrics, particularly regarding executive functioning, ageing and neurodegenerative disease. I have published several articles and given talks at national and international conferences. I have also served as a peer reviewer for several journals. I provide research supervision to students on the MSc Applied Neuropsychology course at the University of Bristol. I have previously contributed to the neuropsychology teaching on the South Wales Doctorate in Clinical Psychology.

PROFESSIONAL ACCREDITATION

- Practitioner Psychologist (Clinical) registered with the Health and Care Professions Council

EMPLOYMENT

CURRENT ROLES

- Clinical Psychologist in Neuropsychology, North Bristol NHS Trust, 2026 - present
- MSc Applied Neuropsychology Project Supervisor, University of Bristol, 2026 - present

PREVIOUS ROLES

- Clinical Psychologist in Neurological Rehabilitation, Cardiff and Vale University Health Board, 2025 - 2026
- Principal Clinical Psychologist in Neurological Rehabilitation, Aneurin Bevan University Health Board, 2024 - 2025
- Clinical Psychologist in Neuropsychology, North Bristol NHS Trust, 2024 - 2025
- Clinical Psychologist in Neurological Rehabilitation, Aneurin Bevan University Health Board, 2022 - 2024
- Trainee Clinical Psychologist, Cardiff and Vale University Health Board, NHS Wales, 2019 - 2022
- Assistant Psychologist (Research Secondment), GP Out of Hours Service, Aneurin Bevan University Health Board, NHS Wales, 2018 - 2019
- Assistant Psychologist, Adult Mental Health, Aneurin Bevan University Health Board, NHS Wales, 2017 - 2019

- Behavioural Healthcare Support Worker, Neurosciences, North Bristol NHS Trust, NHS Wales, 2016 - 2017

EDUCATION

- Post Graduate Certificate in Clinical Neuropsychology Practice, University of Bristol, 2023 - ongoing
- Post Graduate Diploma in Clinical Neuropsychology, University of Bristol, 2018 - 2023
- Doctorate in Clinical Psychology, Cardiff University/Prifysgol Caerdydd, 2019 - 2022
- Bachelor of Arts in Psychological and Behavioural Sciences, University of Cambridge, 2013 - 2016

TRAINING

- R for Statistical Analysis, Cardiff Doctoral Academy, 2020
- Computational Psychiatry Course, Translational Neuromodeling Unit, Zurich, 2019
- Psychological Networks Amsterdam Summer School, University of Amsterdam, 2019
- Building Experiments in PsychoPy3, University of Bristol, 2019

PUBLICATIONS

Wright, L., De Marco, M., & **Ferguson, C.** (2026). The effect of Alzheimer's biomarker positivity on neuropsychological networks. Brain Communications, 8(1), fcag015. **https://doi.org/10.1093/braincomms/fcag015**

Ferguson, C. E., & Foley, J. (2024). The influence of working memory and processing speed on wider cognitive functioning in de novo Parkinson's disease: Initial findings from network modelling and graph theory. Journal of Neuropsychology, 8, 136–153. **https://doi.org/10.1111/jnp.12333**

De Marco, M., Wright, L., Bermejo, J. M. V., & **Ferguson, C. E.** (2024). APOE ε4 positivity predicts centrality of episodic memory nodes in patients with mild cognitive impairment: A cohort-based, graph theory-informed study of cognitive networks. Neuropsychologia, 192, 108741. **https://doi.org/10.1016/j.neuropsychologia.2023.108741**

Ferguson, C., Hobson, C., Hedge, C., Waters, C., Anning, K., & van Goozen, S. (2023). Disentangling the relationships between motor control and cognitive control in young children with symptoms of ADHD. Child Neuropsychology, 30(2), 289–314. **https://doi.org/10.1080/09297049.2023.2190965**

Ferguson, C. E. (2022). Network neuropsychology: The map and the territory. Neuroscience & Biobehavioral Reviews, 132, 638–647. **https://doi.org/10.1016/j.neubiorev.2021.11.024**

Ferguson, C., for the Alzheimer's Disease Neuroimaging Initiative. (2021). A network psychometric approach to neurocognition in early Alzheimer's disease. Cortex, 137, 61–73. **https://doi.org/10.1016/j.cortex.2021.01.002**

TALKS

Ferguson, C. E. (2025, September). Network models in neuropsychology: An introduction and an application to executive functioning in younger and older people [Symposium presentation]. Federation of the European Societies of Neuropsychology Conference, Leipzig, Germany.

Ferguson, C. E. (2025, February). A network psychometric approach to neurocognition in neurodegenerative disorders [Invited talk]. Sindem4Juniors Conference: Recent Advances in Clinical and Experimental Research on Dementia and Neurodegenerative Disorders, Bressanone, Italy.

Ferguson, C. E. (2023, April). Network models in neuropsychology [Invited seminar]. Brunel University, London, United Kingdom.

Ferguson, C. E. (2022, September). Network modelling to understand the influence of working memory and processing speed in Parkinson's [Conference presentation]. Autumn Meeting of the British Neuropsychological Society, London, United Kingdom.

PEER REVIEW

I have served as a peer reviewer for the following journals:

- Cortex
- Journal of Neuroscience
- Neuropsychology
- Journal of Attention Disorders
- Journal of the International Neuropsychological Society
- Humanities and Social Sciences Communications

REFERENCES

Available upon request