DR. SAM S. WEBB, DPhil

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PROFESSIONAL SUMMARY

Dynamic and dedicated researcher with a Ph.D. in **Neuropsychology** and over **6 years** of extensive experience in **developing and validating** neuropsychological assessment tools across diverse age groups, from children to older adults. Proficient in the development, piloting, and finalization of psychometric tests, with a strong background in cognitive neuroscience and lifespan cognitive development. Fluent in English, with proven academic writing and communication skills demonstrated by over 13 publications since 2021. Awarded two **fully funded fellowships** by the Stroke Association for independent research at post-graduate and post-doctoral level, showcasing excellence in academic and clinical research. Adept in **data analysis** and collection using R/ R Studio. Committed to collaborative research, evidenced by close work with **national hospitals and neuropsychology labs**.

EDUCATION

2020-2024	**DPhil** Translational Neuropsychology	University of Oxford	
2018-2019	**MSc** Psychological Research	University of Oxford	Merit
2015-2018	**BSc** Psychology with Neuropsychology	Bangor University	First Class Honours

SELECTED RESEARCH EXPERIENCE

Sept 2024 - Present	**Postdoctoral** research fellow	Prof. Nele Demeyere – University of Oxford and Prof. Terry Quinn – University of Glasgow	Awarded independent funding for research excellence in stroke with a Postdoctoral Fellowship award from the Stroke Association. The funding covered 3 years of independent research to **develop and validate** a multi-staged cognitive screening tool for stroke.
Oct 2020 -Aug 2024	Doctoral researcher	Prof. Nele Demeyere – University of Oxford	Awarded independent funding for research excellence in stroke with a Postgraduate Fellowship award from the Stroke Association. The funding covered 3 years of independent research to **develop and validate** neuropsychological assessments. Two apps were developed and launched in 2022 with other 1,000 clinics/clinicians using them for their practice world-wide.
Feb-Jun 2021 July-present 2023	Research Assistant (8-months total)	Dr Kathleen Vancleef - University of Oxford / Durham University	Managed neuropsychological assessment data collection at one site regarding visual perception, including **face perception**. The initial research in 2021 was further funded for an additional 15 months, and I am currently aiding this new project.
Jul 2019-Jan 2022	Research Assistant (30-months total)	Prof. Jason Mattingley & Prof. Mark Bellgrove - Monash University, Australia	Managed Oxford study site for multinational study involving stroke survivors; including participant recruitment, data collection and curation, and aided in drafting the resulting manuscript.
Jan - June 2018	Research Intern (6-months total)	Dr Mihela Erjavec - Bangor University	Aided in data collection in **primary school** (aged<11) cafeterias, encouraging children to pick healthy food options using behavioural nudge techniques.

Jun - Jul 2017	Research Intern (6-months total)	Prof. Guillaume Thierry - Bangor University	Aided in EEG data collection which examined visual perception and cognitive abilities of bilingual and monolingual students.

SELECTED SKILLS

Research design	Quantitative research	Oral communication	Written communication	Public speaking	Data analysis	Data visualisation	Report writing
Data management	Grant writing	Problem solving	R (Programming Language)	Project management	Supervision	Leadership	Adaptability

ALL RESEARCH PUBLICATIONS (see also https://samswebb.github.io/publications.html)

Webb, S. S., & Demeyere, N. (2024). Comparing the Oxford Digital Multiple Errands Test (OxMET) to a real-life version: convergence, feasibility, and acceptability. *Neuropsychological Rehabilitation*, DOI:10.1080/09602011.2024.2344326

A. P., P., Venkateswaran, P., Vijayanand, S., **Webb, S. S.,** Ramkumar, S., C. R., S. and Demeyere, N. (2023). The cultural and linguistic adaptation of the Oxford Cognitive Screen to Tamil. *Journal of the International Neuropsychological Societ,*. 2023;29(10):964-971. DOI:10.1017/S135561772300067X

Webb, S. S., & Demeyere, N. (2023). Predictive validity of the Oxford Digital Multiple Errands Test (OxMET) for functional outcomes after stroke. *Neuropsychological Rehabilitation*, DOI:10.1080/09602011.2023.2247152

Webb, S. S & Carrick, C, Kusec, A, & Demeyere, N. (2023). Introducing the Tele-OCS: A validated remotely administered version of The Oxford Cognitive Screen [version 1; peer review: 2 approved with reservations]. *Health Open Res 2023*, 5:8, DOI:10.12688/healthopenres.13291.1

Webb, S. S., & Demeyere, N. (2023). Using multiverse analysis to highlight differences in convergent correlation outcomes due to data analytical and study design choices. *Assessment*, 30(6), 1825-1835. DOI:10.1177/10731911221127904

∗Sanctuary, C.,∗Hewitt, L., Demeyere, N., Kankkunen, K., Oxenham, V. D., Simpson, D. B., Stolwyk, R. J., Synn, A., **Webb, S.S.,** Marsden, D. L. (2022). The Oxford Cognitive Screen for use with Australian people after stroke (OCS-AU): The adaptation process, and determining cut scores for cognitive impairment using a cross-sectional normative study. *Australian Occupational Therapy Journal,* DOI:10.1111/1440-1630.12838

Webb S. S, Hobden G, Roberts R, Chiu EG, King S, Demeyere N. (2022) Validation of the UK English Oxford cognitive screen-plus in sub-acute and chronic stroke survivors. *European Stroke Journal*. DOI: 10.1177/23969873221119940

Webb, S.S., Burns, S.P., Jespersen, A., & Demeyere, N. (2022). Cultural Adaptation Of The Oxford Digital Multiple Errands Test (OxMET) For An English Speaking North American Population. *2022 RESNA Virtual Conference: Driving the Future of Assistive Technology*, USA, URL: https://www.resna.org/sites/default/files/conference/2022/AgingCognitiveSensory/77_Webb.html

Burns, S. P., Fleming, T. K., **Webb, S.S.,** Kam, A. S. H., Fielder, J. D., Kim, G. J., … & Kringle, E. A. (2022). Stroke Recovery During the COVID-19 Pandemic: A Position Paper on Recommendations for Rehabilitation. *Archives of physical medicine and rehabilitation*, DOI: 10.1016/j.apmr.2022.04.004

Webb, S. S., Moore, M., Yamshchikova, A., Kozik, V., Duta, M., Voiculescu, I., & Demeyere, N. (2021). Automated Scoring of Drawings from a Tablet-Based Complex Figure Copy Task. *Neuropsychology*, DOI:10.31234/osf.io/sfzjc

Webb, S.S.., Kontou, E., & Demeyere, N. (2021) The COVID-19 pandemic altered the modality, but not the frequency, of formal cognitive assessment, *Disability and Rehabilitation*, DOI:10.1080/09638288.2021.1963855

Webb, S. S., Jespersen, A., Chiu, E. G., Payne, F., Basting, R., Duta, M. D., & Demeyere, N. (2021). The Oxford digital multiple errands test (OxMET): Validation of a simplified computer tablet based multiple errands test. *Neuropsychological Rehabilitation*, 1-26. DOI: 10.1080/09602011.2020.1862679

Demeyere, N., Haupt, M., **Webb, S.S**. et al. Introducing the tablet-based Oxford Cognitive Screen-Plus (OCS-Plus) as an assessment tool for subtle cognitive impairments. *Scientific Reports*, 11, 8000 (2021). DOI:10.1038/s41598-021-87287-8

GRANTS, AWARDS & HONOURS

2024-0002027	Stroke Association independent Postdoctoral Fellowship (£234,983.98)
2023	Federation of European Neuropsychological Societies symposium award (£1,000)
2021-2023/4	Stroke Association independent Postgraduate Fellowship (£110,844.67)
2019	British Neuropsychological Association Travel grant (£200)
2018	Kevin Larkin prize for School Citizenship (Bangor University)
2018	Awarded Most Outstanding Contribution to Psychology Student Life (Bangor University)
2016-2017	Top ranked student in the School of Psychology - Awarded the Tim miles Prize (Bangor University)

SELECTED CONFERENCES, TALKS, & LECTURES

2025	University of Malta	**Invited lecture**	"Neuropsychological assessment of executive function" invited lecture of measurement of EF in context of history and my research
2024	Neuropsychological Rehabilitation Special Interest Group (NR-SIG) – selected through competitive process	**Talk** & poster	"Comparing the Oxford Digital Multiple Errands Test (OxMET) to a real-life version: convergence, feasibility, and acceptability": *Datablitz* talk, a brief quick highlight of my work with OxMET
2024	British Neuropsychological Society (BNS) – selected through competitive process	**Talk**	"Comparing the Oxford Digital Multiple Errands Test (OxMET) to a real-life version: convergence, feasibility, and acceptability": I presented psychometric validation evidence I have collected for the OxMET, and my latest research project.
2022	Organisation for Psychological Research in Stroke (OPSYRIS) – selected through competitive process	**Talk** & **poster**	"Introduction to the Oxford Digital Multiple Errands Test (OxMET)': describing the app I aided in developing and launching for clinician and research use.
2022	International Neuropsychological Society	Poster	'Validation of the UK English Oxford Cognitive Screen-Plus (OCS-Plus) in Subacute and Chronic Stroke'
2019	Masud Hussain Lab (www.masudhusain.org)	**Invited Talk**	'What is Multiverse Analysis and How to Use it': described a newly adapted analysis technique for neuropsychological data.
2019	UK Stroke Forum (UKSF)	Poster	'The Oxford Cognitive Screen – Plus (OCS-Plus); Validation of a Tablet Based Short Cognitive Screening Tool for Milder Cognitive Impairment'