

## SAM S. WEBB

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### EDUCATION

#### **2020-present University of Oxford DPhil Experimental Psychology - Sought**

Supervisor: Prof. Nele Demeyere, head of Translational Neuropsychology Research Group

- Working title: Post-stroke neuropsychological screening and assessment: psychometrics, validation, and predictive value for functional outcomes

#### **2018 – 2019 University of Oxford MSc Psychological Research - Merit**

Supervisor: Prof. Nele Demeyere, head of Translational Neuropsychology Research Group

- Achieved a Merit award for my dissertation

#### **2015 – 2018 Bangor University BSc Psychology with Neuropsychology - 1<sup>st</sup> Class Honours**

- Rank 1 (top of year) student in 2016/17 – Awarded the Tim Miles Prize for Best Overall Second Year Psychology Student.
- Awarded the final year Kevin Larkin Prize for School Citizenship for the most Outstanding Contribution to Psychology Student Life

### RELATED RESEARCH EXPERIENCE

#### **July 2019 – September 2020 – Research Assistant**

*“Visual Attention After Stroke”*

Supervising team (no order): Prof. Nele Demeyere, Prof. Jason Mattingley, Prof. Mark Bellgrove, Dr.

Meadhbh Brosnan, Dr Dragan Rangelov, and Mr Daniel Pearce.

An international collaboration on EEG markers of visual attention, I was solely responsible for all aspects of patient recruitment, data recording, and data curation at Oxford.

#### **November 2019 – September 2020 – Research Assistant**

Supervising team: Prof. Nele Demeyere

I was project coordinator for an ongoing mental capacity assessment audit of local NHS hospital wards and validation of a new mental capacity assessment tool.

#### **October 2018 – September 2019 – MSc Research Project; Translational Neuropsychology**

*“Multiverse Analysis: An Examination of Outcome Fragility in Validating Executive Functioning Tests”*

Supervisor: Prof. Nele Demeyere. The written project was pre-registered, partially validating the Oxford Digital Multiple Errands Test against a neuropsychological battery in 96 participants.

#### **June 2017 – July 2018 – BSc Research Project; Kornysheva Lab researcher**

*“Effects of Alternating Training on Sequence Knowledge, Spatio-Temporal Transfer, and Inter-Manual Transfer”*

Supervisor: Dr Katja Kornysheva.

### EMPIRICAL ARTICLES

2021

**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](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) Validation of an Automated Scoring Program for a digital Complex Figure Copy Task within healthy ageing and stroke, *Neuropsychology*, DOI: 10.1037/neu0000748
- 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*, 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

## WORKSHOPS

### International Neuropsychological Society (INS) – conference workshop

- Neuropsychological rehabilitation for attention and executive functioning: evidence-based strategies

### Federation of the European Societies of Neuropsychology (FESN) – Summer school 2022

- “A Toolbox for Neuropsychological Research and Practice”

## CONFERENCE POSTERS

Posters	Year	Conferences
Oxford Digital Multiple Errands Test (OxMET) healthy normative data	2019	British Neuropsychology Society (BNS) spring meeting
The COMPASS tool healthy normative data and validation	2019	Federation of the European Societies of Neuropsychology (FESN) in Milan, Ital UK Stroke Forum (UKSF)
Multiverse analysis for validation of executive functioning tests	2019	Organisation for Psychological Research into Stroke (OPSYRIS)
Oxford Cognitive Screen – Plus healthy normative data	2019	UK Stroke Forum (UKSF)
Automated scoring of a complex figure copy task	2020	UK Stroke Forum (UKSF)
Ecological validity of the OxMET in subacute stroke	2021/2022	UK Stroke Forum (UKSF)
Validation of the OCS-Plus in subacute and chronic stroke	2022	International Neuropsychological Society (INS)

## CONFERENCE TALKS

Title	Year	Conference
Predicting activities of daily living and subjective cognitive failures with the Oxford Digital Multiple Errands Test (OxMET)	2022	Organisation for Psychological Research into Stroke (OPSYRIS)

## PUBLISHED CONFERENCE PROCEEDINGS

Title	Year	Conference
Cultural adaptation of the Oxford Digital Multiple Errands Test (OxMET) for an English speaking North American population	2022	Rehabilitation Engineering and Assistive Technology Society of North America

### TRAVEL GRANTS

**British Neuropsychological Society Spring Meeting 2019** – awarded £200 for travel expenses

**Federation of the European Societies of Neuropsychology (FESN) Summer school 2022**– awarded £150 for workshop fees

**Organisation for Psychological Research into Stroke (OPSYRIS)** – awarded £100 for travel expenses

### EXTERNAL COURSES AND PROFICIENCIES

**Improving Your Statistical Inferences 7-week course, by Dr Daniël Lakens:** - October 2018

**NHS Good Clinical Practice: Research Integrity training:** 95% - Certificate available

**Improving Your Statistical Questions 6-week course, by Daniël Lakens:** - December 2019

**R:** Proficient for data cleaning, manipulation, analysis, and reporting.

**MATLAB:** Proficient for data collection, cleaning and manipulation, and experiment creation