

Joshua Sabio

BSc Psychology, Hons I | PhD Candidate
The University of Queensland

Experience

Higher Degree by Research Scholar

The University of Queensland (UQ), July 2022 to present

- PhD project investigates the cognitive neuroscience of cognitive control, decision-making, and self-awareness.
- Experienced in communicating psychology and neuroscience to both technical and general audiences.
- Demonstrates attention to detail; critical thinking; precise, concise writing; and deep research skills.
- Showcases advanced-level data analysis and programming experience with Python, R, MATLAB, SPSS, and JASP.
- Statistical expertise: frequentist analyses, hierarchical Bayesian modelling, and machine learning techniques.
- Presented at the 2024 *Australasian Cognitive Neuroscience Society* (ACNS) and the 2025 *Organisation for Human Brain Mapping* conference.

Lead Academic Tutor and Guest Lecturer

The University of Queensland (UQ), Feb. 2023 to Dec. 2025 | Central Queensland University (CQU), Feb. 2023

- Taught for research, data, and statistics course, *Psychological Research Methodology I* (PSYC1040), at UQ for five semesters in a row (appointed lead tutor for PSYC1040 from semester 2, 2024, onward).
- Lectured for PSYC1040 in semester 2, 2025.
- Closely collaborated with the course coordinators to improve course structure and deliver content.
- Marked assessments for psychometrics course, *Individual Differences and Assessment* (PSYC13020), at CQU.

Market Research Analyst

Verian Group (formerly Kantar Public), July 2021 to March 2024

- Analysed qualitative and quantitative data for the public sector on behalf of Verian Group.
- Generated insights to streamline operations for clients including: *Mental Health Commission, Department of Education and Training, Queensland Health, and Tourism WA*.
- Wrote literature reviews to help clients allocate resources, evaluate existing programs, and set up future projects.

Freelance Research Consultant

Multiple private companies, July 2021 to present

- Conducts contracted analytical market and academic research for private consulting firms.
- Conducts market sizing; generates comprehensive quant reports and projections.
- Moderates focus groups, analyses data, and generates insights to derive macro-level market trends.

First-Class Honours Graduate

The University of Western Australia (UWA), Feb. 2017 to Dec. 2021

- Project investigated how humans process sound in the brain, awarded a final first-class thesis mark.
- Presented findings at the 2021 ACNS conference.
- Achieved high distinctions for (but not limited to) the following courses at UWA: *Psychological Research Communication Skills* (PSYC4410); *Advanced Quantitative Methods in Psychology* (PSYC4418); *Cognitive Psychology* (PSYC3315); and *Industrial and Organisational Psychology* (PSYC2209).
- Volunteered as a UWA UniMentor to help new students navigate their first year of university.
- Helped primary school students learn more about psychology and neuroscience careers as part of UWA's Children's University Program.

Publications

- ✓ Sabio, J., Ballard, T., Filmer, H. L., & Dux, P. E. (2025). **The influence of tDCS on the speed-accuracy tradeoff and metacognitive decision making.** *Neuropsychologia*, 211, 109130.
- ✓ Sabio, J., Williams, N. S., McArthur, G. M., & Badcock, N. A. (2024). **A scoping review on the use of consumer-grade EEG devices for research.** *PLoS One*, 19(3), e0291186.

About Me

I am a confident, driven individual who strives for excellence in all my endeavours. I face any challenge head on, and I'm comfortable in managerial and leadership roles. I aim to make the world a better place by helping individuals and organisations make better informed decisions with rigorous, evidence-based scientific research.