KASIA MOJESCIK

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SKILLS

- Java (experienced)
- SQL (experienced)
- Python (experienced)
- Git (experienced)
- R (intermediate)
- Unity and C# (basic knowledge)

- Development of paradigms with jsPsych and PsychoPy
- fMRI data analysis (SPM and CoSMoMVPA)
- fMRI multivariate pattern analysis
- Preprocessing using fMRIPrep

EDUCATION

PHD COGNITIVE PSYCHOLOGY AND NEUROSCIENCE
University of Sussex | September 2021 - September 2025

Research in the field of individual differences in episodic memory vividness across the lifespan

MSC SOFTWARE DEVELOPMENT
University of Glasgow | September 2017 - September 2018
Distinction

MA PSYCHOLOGY
University of Glasgow | 2013 - 2017
First Class Honours (3rd best result out of 151 students)

EXCHANGE STUDENT IN NEW ZEALAND
University of Otago | 2015 - 2016
GPA 8.8 (9 maximum)

INTERNATIONAL BACCALAUREATE
American International School of Johannesburg
South Africa | 2011 - 2013

EXPERIENCE

PHD STUDENT, SUSSEX UNIVERSITY
Brighton, September 2021 - present

- **Published a pre-registered experiment** in peer reviewed journal as a first author following Open Science principles.
- Analysed data using **Python** (*packages: pandas, scikit-learn, numpy, matplotlib, pingouin*); **linear mixed effect models** in **R** (*packages: lme4, lmerTest, stats, dplyr, ggplot2*).
- Analysed neuroimaging data in **MATLAB** (*SPM, CoSMoMVPA*).
- Preprocessed and manually inspected **fMRIPrep** output to ensure data quality for 100+ participants.
- Created and piloted a **new set of stimuli for an aging study**.
- Created new cognitive paradigms with **jsPsych and PsychoPy**.
- Recruited **young and older adult** participants **online** via Prolific, including **multi-session studies**.

DOCTORAL TUTOR, SUSSEX UNIVERSITY

Brighton, September 2021 - May 2024

Taught on four undergraduate modules: three **statistics** modules and a **cognitive psychology** module.
Topics taught: linear regression, general linear models, factor analysis, data visualisation, experimental design

SOFTWARE ENGINEER, J.P.MORGAN CHASE & CO

Glasgow, July 2018 - September 2021

Junior Java developer in a large, international team.
Daily tasks include developing new features for Spring Boot Java projects, writing **unit tests** for new features, examining logs and running **bash** commands in **terminal**, solving software issues raised by users. Experienced with using **Git version control** for large scale multi-developer projects.

RESEARCH INTERN, GLASGOW SCIENCE CENTRE

Glasgow, July 2016 - August 2016

Conducted **experiments on portion size effect** in sweet beverages, testing more than **800 participants in person**.
Managed a team of research assistants.
Created **flyers to educate general public** about portion size effect.

RESEARCH INTERN, OTAGO UNIVERSITY

Dunedin, February 2016 - May 2016

Completed an **independent research project** on the development of racial prejudice in toddlers.
Prepared experimental stimuli, collected and analysed data.

AWARDS

GUTS Hackathon 2017 First Place awarded to my team by Black Rock

Nomination for the Herkless Prize For academic achievements as a female undergraduate at University of Glasgow

Nomination for Thomas Logan Memorial Prize For most distinguished graduate from the College of Arts within School of Psychology

The Robert H. Thouless Prize Awarded for the best Literature Review among 4th year Psychology students

Extraordinary Performance Award For outstanding results in 3rd year Psychology courses, Otago University

Outstanding Effort Award Awarded for academic performance at American International School of Johannesburg

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GRANTS

The Guarantors of Brain £1000 check to attend the annual Cognitive Neuroscience Society meeting in Toronto, Canada in April 2024

Grindley Grant Up to £500 travel expenses reimbursed by the Experimental Psychology Society, to attend the Episodic Future Thinking workshop in York, UK

Glasgow Science Centre Summer Scholarship £900 scholarship for living expenses to conduct a series of Health Psychology experiments in the summer before the final year of my undergraduate degree

TRAINING

COGNESTIC September 2022, Cambridge, UK

Attended the Cognitive Neuroimaging Skills Training in Cambridge summer school on methods for neuroimaging analysis. This included lectures on a variety of open-source software and data formats (such as fMRIprep, MNE-Python, BIDS), as well as lectures on MVPA, functional connectivity and DCM analyses for fMRI.

CONFERENCES

- Poster presentation at Cognitive Neuroscience Society Annual Meeting, April 2024, Toronto, Canada

- Talk at Memory Workshop for memory research groups in South-East England, January 2024, Brighton, UK

- Poster presentation at an EPS workshop "Future Thinking: 20 Years On", December 2023, York, UK

- Poster presentation at British Association for Cognitive Neuroscience conference, September 2023, Cardiff, UK

- Poster presentation at 3rd edition of the Recollection, Familiarity, and Novelty Conference, March 2023, Liege, Belgium

PUBLICATIONS

Mojescik, K. M., Berens, S. C., De Luca, F., Ritchey, M., & Bird, C. M. (2024). The Relationship Between Subjective Memory Experience and Objective Memory Performance Remains Stable Across the Lifespan. *Collabra: Psychology*, 10(1).

HOBBIES

Data wrangling and cleaning up unorganised messy data files with pandas package, mountaineering, fiction novels, yoga

REFERENCES

Provided upon request.