

AAMIR SOHAIL

MRC AIM DTP PhD Student in Psychology
School of Psychology, University of Birmingham



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EDUCATION

Ph.D. Psychology

University of Birmingham

Supervisors: Dr Lei Zhang, Dr Patricia L. Lockwood

Sep 2023 – Sep 2027

M.Sc. Brain Imaging

University of Nottingham

Supervisors: Dr Claudia Danielmeier, Dr Jan Derrfuss

Sep 2017 – Sep 2018

B.Sc. Biomedical Science

Imperial College London

Supervisors: Professor Anne R. Lingford-Hughes, Dr Samuel P. Turton

Sep 2013 – Jun 2016

EMPLOYMENT HISTORY

CINN Operations Support

School of Psychology and Clinical Language Sciences

University of Reading

Feb 2022 - Sep 2023

CINN Assistant

School of Psychology and Clinical Language Sciences

University of Reading

Oct 2021 - Feb 2022

Junior Research Fellow

School of Psychology and Clinical Language Sciences

University of Reading

Apr 2021 - Oct 2021

HONOURS AND AWARDS

MRC AIM Doctoral Training Program (~£100,000)

Medical Research Council/University of Birmingham

Sep 2023 – Sep 2027

LGBT+ Inclusion Initiative Fund (up to £1000)

University of Reading (*co-applicant w/ Eleanor Benford*)

Jun 2023

TECHNICAL SKILLS

Programming Languages: Python, R, MATLAB, bash, stan, \LaTeX

Neuroimaging Software: FSL, SPM12, CONN, mricro

Online Research Services: REDCap, SONA, Gorilla, Prolific, 10to8, Nutanix, git/GitHub

Other: Web design (GitHub Pages, WordPress), Editing (DaVinci Resolve)

TEACHING

Magnetic Resonance Imaging in Cognitive Neuroscience

Postgraduate level, University of Birmingham

Linux, bash scripting, neural basis of MRI/fMRI, FSL (ROI, diffusion and fMRI analysis)

Module convenors: Dr Magda Chechlac, Dr Martin Wilson, Professor Andrew Bagshaw

Jan 2024 – Apr 2024

Introduction to Neuroscience Methods

Undergraduate level, University of Reading

Brain structure/function, MR physics, psychopharmacology, neuroethics

Module convenors: Professor Anastasia Christakou, Professor Bhisma Dev Chakrabarti

Jan 2023 – Apr 2023

PUBLIC COMMUNICATIONS AND OUTREACH

OHBM Mentorship Program

2024

Mentor: Dr Marianna Kapsetaki, Mentee: Eleanor Benford

CINN Work Experience Scheme

2023

Responsible for running work experience placements for college students (7 programs ran)

Reading Scholars

Organised and ran practical sessions demonstrating MRI, EEG and TMS facilities to college students

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

R Users Group - University of Birmingham

2023 -

ORGANISATION OF CONFERENCES AND SYMPOSIA

Reading Emotions 2023: Fluctuations and Change

15-16 June 2023, University of Reading

Cerebral Haemodynamics Symposium

23 July 2021, University of Reading (Online)

CONFERENCE PRESENTATIONS

Rossetti, G.M.K., **The HAVEN Study Researchers.**, Lovegrove J.A., Gibbins J.M., Christakou A. (2022) **Preliminary findings from the HAVEN Study: Investigating Haemostatic function, vessel health and neurocognitive health.** *Poster presented at Interpreting BOLD III.* Oxford, UK.

Rossetti, G.M.K., **Sohail, A.**, Bell, T., Christakou, A. (2021) **Differential haemodynamic responses in the human striatum during initial and reversal learning.** *Poster presented at Interpreting BOLD Taster Session.* Online.

Williams, B., Lee, O., Vanags, P., **Sohail, A.**, Brady, D., FitzGibbon, L., Christakou, A. **Test-retest reliability of model parameter estimates in human reinforcement learning.** (2021) *Poster presented at the Society for the Improvement of Psychological Sciences, 2021.* Online.

Sohail, A., Myers J.F.M., Mick I., Clark L., Bowden-Jones H.M., Nutt D.J., Lingford-Hughes A.R., Turton S.P. (2016) **Analysis of the reward system in Disordered Gamblers using MR and 11C-carfentanil PET.** *Poster presented at the British Association for Psychopharmacology Summer Meeting.* Brighton, UK.

TALKS

Jewell, S.L., & **Sohail, A.** 'Diversity and Graduate Recruitment - Imploring a Bio/Psychological Framework.' (2023) *Neuromethods. Centre for Integrative Neuroscience and Neurodynamics, University of Reading.*

Sohail, A. 'Improving Future-oriented Decisions through Metacognitive Coaching: A Proposed Study'. (2023) *Early Career Researcher Conference 2023. School of Psychology and Clinical Language Sciences, University of Reading.*

Rossetti, G.M.K., & **Sohail, A.** 'Striatal Haemodynamic Modulation during Reversal Learning.' (2021) *Neuromethods. Centre for Integrative Neuroscience and Neurodynamics, University of Reading.*

REFEREES

Professor Anastasia Christakou

Professor of Neuroscience

School of Psychology and Clinical Language Sciences

University of Reading

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Dr Lei Zhang

Associate Professor

School of Psychology

University of Birmingham

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