

FOYZUL RAHMAN

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Employment

Feb 2025 – Current	Lecturer in Psychology, Loughborough University
May 2023 – Jan 2025	Lecturer in Psychology, Birmingham City University
Jan 2021 – Apr 2023	Postdoctoral Research Fellow, Univ. of Birmingham
Oct 2018 – Dec 2020	Visiting Lecturer, Newman University (Birmingham)
Dec 2016 – Jul 2017	Research Associate, Univ. of Birmingham

Education

Jul 2017 – Jun 2021 PhD Cognitive Neuroscience – Aston University, UK

Thesis: The neurocognitive profile of theory of mind in healthy ageing (Advisors: Dr Charlotte Hartwright, Prof Klaus Kessler, Dr Dan Shaw)

Sep 2014 – Dec 2015 MSc Psychology – University of Birmingham, UK

Sep 2010 – Jun 2013 BSc Psychology – Birmingham City University, UK

Funding & Awards

2025: Alzheimer's Research UK (£4,928.25): The Eyes Have It: Diagnostic Accuracy and Feasibility of Visuospatial Assessments for Early Alzheimer's Disease Diagnostics (Co-I).

2024: Fully funded PhD Studentship (3.5 years, ~£94,000). Competitive internal award (College of Psychology, Birmingham City University). Primary Supervisor.

Teaching Experience

Loughborough University

- Cognitive Research (Level 4 – Module Lead)

Birmingham City University

- Introduction to Psychology (Level 4 – Co-Module Lead)
- Quantitative Research Methods (Level 7 – Co-Module Lead)

- Dissertation (Level 7 – Co-Module Lead)
- Brain and Cognition (Level 7)

University of Birmingham

- Lifespan Psychology (Level 5)

Newman University, Birmingham

- Quantitative Research Methods (Level 4)
- Global Perspectives and Contexts in Psychology (Level 4)

University Administration Experience

Admissions Tutor (Loughborough University)

Seminar and External Speaker Coordinator (Loughborough University)

College Ethics Committee Member (Birmingham City University)

External Speaker Coordinator (Birmingham City University)

Social Media Coordinator (Birmingham City University)

Placement Tutor (Birmingham City University)

Student Supervision

PhD – 1 student to completion at the University of Birmingham (2024) as mentor

Masters – 8 MSc/MA students supervised across University of Birmingham and Birmingham City University.

Ongoing UG Psychology dissertation supervision, with 4-6 students per year.

Thesis Examination

May 2025 Internal Examiner (PhD, Loughborough University)

Ad-Hoc Peer Review Activity

- European Journal of Neuroscience
- Journal of Applied Physiology
- Imaging Neuroscience
- Frontiers in Psychology
- Brain Sciences
- Behavioral Sciences
- International Journal of Bilingualism
- Journal of Psycholinguistic Research

- Applied Physiology, Nutrition, and Metabolism
- Archives of Gerontology and Geriatrics
- Acta Psychologica
- Healthcare

Professional Service / Consultancy

Consultant (paid), Bloomsbury Psychology and Mental Health Hub (August 2025)
 — Provided expert feedback on the design and content of a new digital resource for teaching and research in psychology, including interactive tools, accessibility, and student engagement strategies.

Publications

For an up-to-date list of my publications, please see my [Google Scholar page](#)

- **Rahman, F.**, Tsvetanov, K. A., Feron, J., Mullinger, K., Joyce, K., Gilani, A., ... & Segaelert, K. (2025). Explaining tip-of-the-tongue experiences in older adults: The role of brain-based and cardiorespiratory fitness factors. *Neurobiology of Aging*, 154, 25-36.
- Prystauka, Y., **Rahman, F.**, Busby, N., Roeser, J., Boraxbekk, C. J., Feron, J., ... & Segaelert, K. (2025). Assessing the Utility of Predicted Brain Age for Explaining Variability in Language Abilities in Healthy Older Adults. *Neurobiology of Language*, 1-46.
- Fernandes, E. G., Fosstveit, S. H., Feron, J., **Rahman, F.**, Lucas, S. J., Lohne-Seiler, H., ... & Wheeldon, L. (2024). Effects of increasing fitness through exercise training on language comprehension in monolingual and bilingual older adults: a randomized controlled trial. *Aging, Neuropsychology, and Cognition*, 1-33.
- Feron, J., **Rahman, F.**, Fosstveit, S. H., Joyce, K. E., Gilani, A., Lohne-Seiler, H., ... & Lucas, S. J. (2024). Cerebral blood flow and arterial transit time responses to exercise training in older adults. *NeuroImage*, 303, 120919.
- Feron, J., Segaelert, K., **Rahman, F.**, Fosstveit, S. H., Joyce, K. E., Gilani, A., ... & Lucas, S. J. (2024). Determinants of cerebral blood flow and arterial transit time in healthy older adults. *Aging (Albany NY)*, 16(18), 12473.
- Markiewicz, R., **Rahman, F.**, Apperly, I., Mazaheri, A., & Segaelert, K. (2024). It is not all about you: Communicative cooperation is determined by your partner's theory of mind abilities as well as your own. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 50(5), 833.
- Markiewicz, R., **Rahman, F.**, Fernandes, E. G., Limachya, R., Wetterlin, A., Wheeldon, L., & Segaelert, K. (2024). Effects of healthy ageing and bilingualism on attention networks. *Bilingualism: Language and Cognition*, 1-14.

- DeLuca, V., Voits, T., Ni, J., Carter, F., **Rahman, F.**, Mazaheri, A., ... & Segaert, K. (2024). Mapping individual aspects of bilingual experience to adaptations in brain structure. *Cerebral Cortex*, 34(2), bhae029.
- Fernandes, E. G., Segaert, K., **Rahman, F.**, Wetterlin, A., & Wheeldon, L. (2023). Bilingualism and ageing independently impact on language processing: evidence from comprehension and production. *Bilingualism: Language and Cognition*, 1-15.
- **Rahman, F.**, Kessler, K., Apperly, I. A., Holland, C. A., & Hartwright, C.E. (2022). Letter to the Editors of Psychological Science: On the Use of the AQ-10 Autism Screening Instrument in Studies of Theory of Mind: Regarding Rahman et al. (2021). *Psychological Science*, 32(12).
- **Rahman, F.**, Kessler, K., Apperly, I. A., Hansen, P. C., Javed, S., Holland, C. A., & Hartwright, C. E. (2021). Sources of cognitive conflict and their relevance to theory-of-mind proficiency in healthy aging: A preregistered study. *Psychological Science*, 32(12), 1918-1936.

Talks and Presentations

- July 2025 – European College of Sports Science (ECSS) 2025
Oral presentation on how brain- and lifestyle-based factors interact to influence language processing in ageing
- May 2024 – FAB Workshop, University of Agder, Norway
Oral presentation on cross-sectional data from the Fitness, Ageing, and Bilingualism (www.fab-study.com) project
- November 2023 – Psychonomic Society Annual Meeting 2023, San Francisco, CA, USA
Oral presentation on the association of brain- and lifestyle-based factors that influence language processing in ageing
- May 2022 – Psycholinguistics Lab Meeting, University of Birmingham
- October 2021 – Society for the Neurobiology of Language (SNL), California (Virtual)
Oral presentation on post-doc research project on the benefits of aerobic fitness on linguistic and non-linguistic cognitive abilities in old age
- June 2020 – OHBM (Organization for Human Brain Mapping), Montreal, Canada
Poster presentation on PhD project
- May 2019 – Birmingham City University, Birmingham, UK
Invited talk on Open Science
- May 2019 – University of Birmingham, Birmingham, UK.
- December 2018 – Aston University, Birmingham, UK
- December 2018 – University of Birmingham, Birmingham, UK
Poster presentation at the Midlands Medical Imaging Network on first PhD project examining the sources of interference in false belief reasoning in healthy older adults
- June 2018 – Aston University, Birmingham, UK
Internal poster presentation on PhD project