Caroline Harbison

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Education

PhD Candidate Mar 2024 – Present
University of Amsterdam Amsterdam, Netherlands
Supervisors: Hilde Geurts, Karin Forde, Sanne de Wit
Title: Decision-making and Habits in Anorexia Nervosa

Qualitative Research MCR8033 Sep 2023 – Jan 2024
Newcastle University Newcastle Upon Tyne, UK

MSc Psychology (Music, Mind, and Brain) 2020 – 2021
Goldsmiths, University of London London, UK

BA Hons. Neuroscience 2015 – 2019
Trinity College Dublin Dublin, Ireland

Research experience

Research Assistant in Cognitive Neuroscience Sep 2021 – Present
Dept. of Experimental Psychology University of Oxford

Publications

Mahmoodi, A., **Harbison, C.**, Bongioanni, A., Sallet, J., Khalighinejad, N., Rushworth, M.F.S. (2024). Dorsomedial frontopolar cortex determines whether social information influences decision making in macaques. *Neuron, 112*, 1-9, https://doi.org/10.1016/j.neuron.2023.09.035

Mahmoodi, A., Nili, H., **Harbison, C.**, Hamilton, S., Trudel, N., Bang, D., Rushworth, M.F.S. (2023). Causal role of a neural system for selecting and separating multidimensional social cognitive information. *Neuron, 111*, 1152-1164, https://doi.org/10.1016/j.neuron.2022.12.030

In press

Luo, S., Mahmoodi, A., **Harbison, C.**, Piray, P., Rushworth, M.F.S. (2024). Human hippocampus and dorsomedial prefrontal cortex infer and update latent causes during social interaction. *Neuron.*

Conference papers

Mahmoodi, A., **Harbison, C.**, Bongioanni, A., Emberton, A., Roumazeilles, L., Sallet, J., Khalighinejad, N., Rushworth, M. (2023). Dorsomedial frontopolar cortex determines whether social information influences decision making in macaques. *2023 Conference on Cognitive Computational Neuroscience.* https://doi.org/10.32470/CCN.2023.1157-0

Mahmoodi, A., Luo, S., **Harbison, C.**, Piray, P., Rushworth, M. (2023). Distinct roles of human hippocampus and medial frontal cortex in solving a credit assignment problem. *2023 Conference on Cognitive Computational Neuroscience.* https://doi.org/10.32470/CCN.2023.1501-0

Volunteer work

Treasurer Jan 2021 - Present
BFRB UK & Ireland