Dr Duncan Astle

Nationality British
Contact details MRC Cognition and Brain Sciences Unit, 15 Chaucer Road, Cambridge
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Research Website www.astlelab.com

Employment

2012- Programme Leader, MRC Cognition and Brain Sciences Unit, Cambridge, UK

Other Appointments

2020- Chair of University of Cambridge LGBT+ Staff Network
2020- Chair of Centre for Attention Learning and Memory, Management Committee
2018- Director of Studies, Robinson College, Cambridge, UK
2017- Full Fellow, Robinson College, Cambridge, UK
2016- Chair of NIHR BioResource Scientific Advisory Board

Other Current Positions of Responsibility

International and National

2019- Council Member, Learnus (Educational Think-tank and Charity)
2018- Editor at Cortex
2014- Editor at the Journal of Neuropsychology
2014- Editorial board member of Developmental Science

Within the University

2020- Member, University of Cambridge Equality and Diversity Committee
2020- Member of Robinson College Senior Strategy Group
2013- Member of Scientific Advisory Board and Management Committee of the Cambridge BioResource (a Cambridge University gene bank of ~16k participants) http://www.cambridgebioresource.org.uk/

Within the MRC Cognition and Brain Sciences Unit

2012- Director of Graduate Education

Research Funding (Just listing currently active as PI)

"Embracing complexity in neurodevelopment" (2021-2025), $250,000, the **James S. McDonnell Foundation**

"Integrating cognition and systems neuroscience to understand child development" (2019-2022) £1.3M, **MRC**

"Flourishing despite disadvantage: understanding resilience in children growing up in poverty" (2017-2021), £582,139, the **Templeton World Charitable Foundation**.

"Pathways to autism in intellectual disability of known genetic origin" (2018-2020), £84,421, **The Baily Thomas Foundation**

Peer-reviewed publications (selected – full list at www.astlelab.com)

1) Siugzdate, R., Holmes, J., Bathelt, J. & **Astle, D.E.** (2020) Transdiagnostic brain mapping in developmental disorders. ***Current Biology***
2) **Astle, D. E.,** & Fletcher-Watson, S. (2020). Beyond the Core-Deficit Hypothesis in Developmental Disorders. ***Current Directions in Psych Science***. https://doi.org/10.1177/0963721420925518.
3) **Astle, D. E.**, Bathelt, J., CALM Team, & Holmes, J. (2019). Remapping the cognitive and neural profiles of children who struggle at school. ***Developmental Science***, 22(1), e12747.
4) Bathelt, J., Holmes, J., the CALM team & **Astle, D. E.** (2018). Data-driven subtyping of executive function related behavioural problems in children. ***JAACAP,*** *57*(4), 252-262.
5) Barnes, J., Nobre, A.C., Woolrich, M.W., Baker, K., **Astle, D.E.** (2016) Training working memory in childhood enhances coupling between fronto-parietal control network and task-related regions. ***Journal of Neuroscience*** *36.34: 9001-9011.*
6) **Astle, D.E.**, Barnes, J., Baker, K., Colclough, G., Woolrich, M.W., (2015) Cognitive training enhances intrinsic brain connectivity in childhood. ***Journal of Neuroscience,*** *35(16), 6277-6283*