PERSON SPECIFICATION

Job Title: Research Fellow (imaging/cognitive neuroscience)

	Essential	Desirable	Tested by Application Form/Interview/Test
Knowledge, Education, Qualifications and Training			
A PhD degree in a relevant discipline (e.g., imaging neuroscience, cognitive neuroscience, psychology, computer science or engineering/physics).	X		Application Form
Knowledge of research in the specialist field of human brain imaging, for example, human memory, scene processing and/or other areas of relevance to the successful delivery of the programme.	X		Application Form/Interview
Strong neuroanatomical knowledge, particularly around hippocampal-circuitry and hippocampal subfield segmentation		X	Application Form/Interview
Knowledge of software development cycles and best programming practices, including coding standards, version control administration, debug, and code sharing.		X	Application Form/Interview
Skills and/or Abilities			
Strong interpersonal skills, including a proven ability to work cooperatively within a team of researchers and students across institutions nationally and/or internationally.	X		Application Form/Interview
Excellent written and verbal communication skills, evidenced by	X		Application Form/Interview

publications and conference presentations.			
Strong programming skills in Matlab, Python and/or R.	X		Application Form/Interview
Experience			
Experience of analysing brain imaging data in one or more modalities (e.g., functional MRI, diffusion MRI), using existing software packages.	X		Application Form/Interview
Experience with Unix/Linux environment for data analysis, such as bash scripting and parallel computing on high-performance clusters.	X		Application Form/Interview
Experience in advanced statistical methods in neuroimaging (e.g., multivariate analyses, network analyses, intersubject correlation analysis, tractometry).	X		Application Form/Interview
Experience designing experimental paradigms to assess spatial memory and perception, particularly those involving naturalistic approaches (e.g., VR/desktop navigation, movie annotation)		X	Application Form/Interview
Experience of developing and maintaining imaging analysis pipelines and/or data repositories.	X		Application Form/Interview
Experience of analysing large-scale imaging datasets.		X	Application Form/Interview
Commitment to open science.	X		Application Form/Interview
Experience with 7T MRI.		X	Application Form/Interview