



IMPACT

Staff Scientist

Reference: 0036-24

Grade: 8

Salary: £37,099 to £44,263, per annum, depending on experience

Contract Type: Permanent

Basis: Full-time

Job description

Job Purpose:

Research support for the Wellcome Trust Laboratory for MEG Studies and the newly commissioned OPM-MEG laboratory within Aston Institute of Health & Neurodevelopment (IHN), and the Aston Laboratory for Immersive Virtual Environments (ALIVE). All facilities are integral to research activity within the College of Health and Life Sciences at Aston University.

The post-holder will support staff and research students in the neuroimaging facilities of the IHN and the ALIVE facility to implement research projects and to appropriately analyse data in a form suitable for publication.

Main duties and responsibilities

- ▶ Delivering training and support to staff and research student users of the brain imaging and ALIVE facilities.
- ▶ Implementing software solutions for data analysis, using both proprietary and open-source packages.
- ▶ Implementing experimental setups for ALIVE and imaging laboratories using a range of software platforms, including VR, and lab-specific hardware such as projectors.
- ▶ Advice and implementation of data storage and curation solutions in line with the principles of FAIR data access.
- ▶ Becoming an approved user of the imaging and ALIVE facilities and supporting core data collection activities as required.
- ▶ Contributing to the research culture of the IHN by promoting high quality research and helping researchers to get the best from their projects.
- ▶ Opportunities to contribute to research outputs derived from their work as appropriate.
- ▶ Contribute to delivering teaching for research students in Psychology as required.

Additional responsibilities

- ▶ Engage in continuous personal and professional development in line with the demands of the role, including undertaking relevant training and development activities to develop themselves and support the development of others.
- ▶ Ensure and promote the personal health, safety and wellbeing of staff and students.
- ▶ Carry out duties in a way which promotes fairness in all matters, and which engenders trust.
- ▶ Promote equality of opportunity and support diversity and inclusion as well as working to support the University's environmental sustainability agenda and practices.

Person specification

	Essential	Method of assessment
Education and qualifications	<p>Undergraduate degree (BSc/MSc) in Physics, Engineering, Mathematics, or appropriately related discipline, for example Neuroscience or Psychology.</p> <p>A PhD degree in neuroimaging or an associated area.</p>	Application form
Experience	<p>Significant experience in the field of human imaging, in particular a variety of experience in using MEG for assessing brain function.</p> <p>Previous experience of working with human participants.</p>	Application form and interview
Aptitude and skills	<p>Cooperative nature and strong teamwork skills.</p> <p>Strong organisation and time-management skills.</p> <p>Good computer programming skills. Specifically, experience in the use of at least one of the following, MATLAB, Python, C#, and/or C++.</p> <p>Strong experimental design skills.</p> <p>Neuroimaging data analysis skills.</p> <p>Excellent oral and written communication skills, including the ability to communicate complex information with clarity.</p>	Application form and interview

	Desirable	Method of assessment
Experience	<p>Significant experience with virtual reality programming / research.</p> <p>Experience with OPM-MEG.</p> <p>Experience with EEG and fMRI.</p> <p>Experience with supporting other researchers to develop and implement projects.</p>	Application form and interview
Aptitude and Skills	<p>Experience with VR engines such as Unreal or Unity.</p> <p>Understanding of and ability to contribute to public engagement activities.</p>	Application form and Interview

How to apply

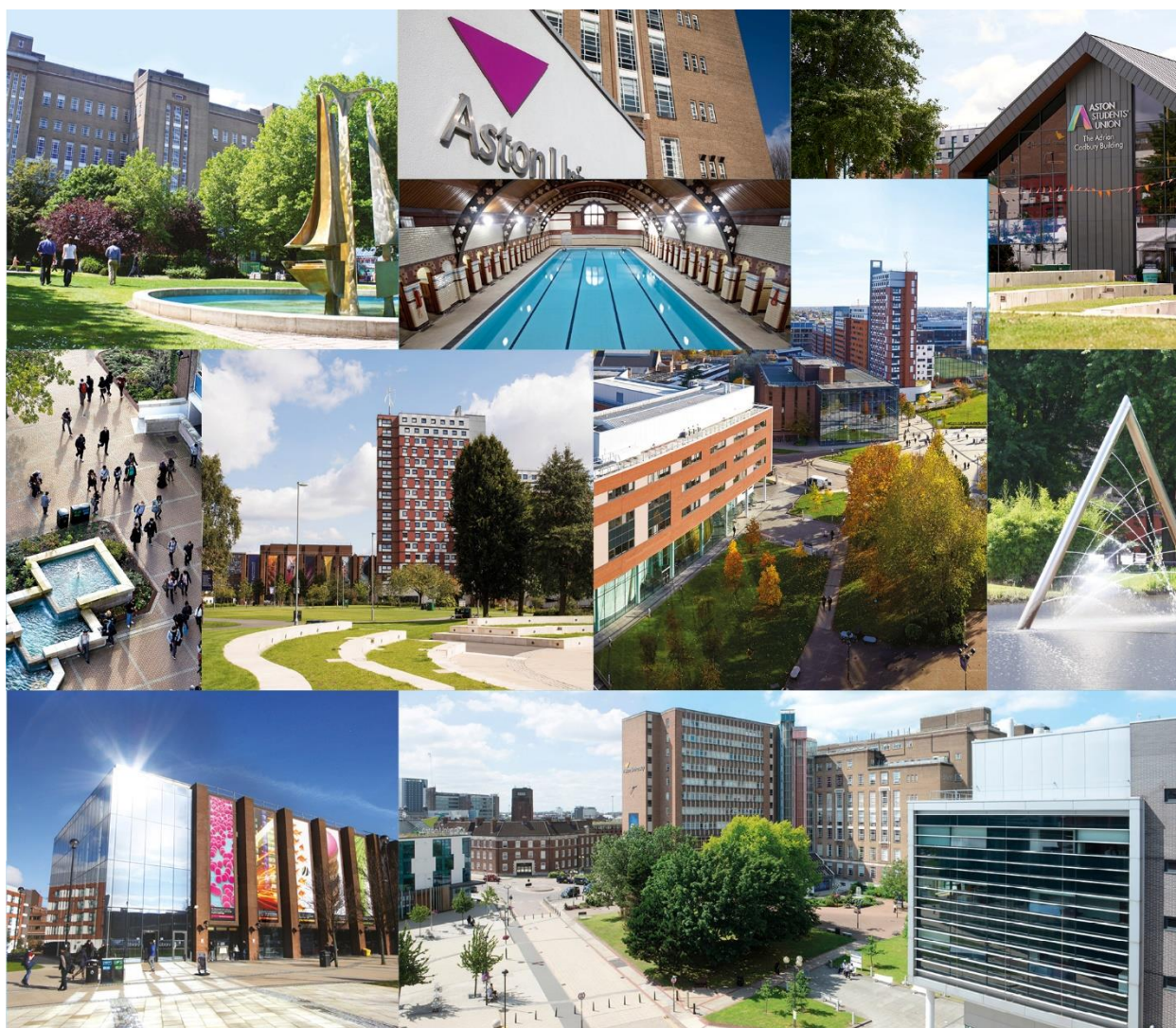
You can apply for this role online via our website <https://www2.aston.ac.uk/staff-public/hr/jobs>.

Applications should be submitted by 23.59 on the advertised closing date.

All applicants must complete an application form, along with your CV.

Any CV sent direct to the Recruitment Team and Recruiting Manager will not be accepted.

If you require a manual application form, then please contact the Recruitment Team via jobs@aston.ac.uk.



Contact information

Enquiries about the vacancy:

Name: Karen Woodhall

Job Title: Director Of Research Strategy And Operations

Email: k.a.woodhall@aston.ac.uk

Enquiries about the application process, shortlisting, or interviews:

Recruitment Team via recruitment@aston.ac.uk

Additional information

Visit our website <https://www2.aston.ac.uk/staff-public/hr> for full details of our salary scales and benefits Aston University staff enjoy

Salary scales: <https://www2.aston.ac.uk/staff-public/hr/payroll-and-pensions/salary-scales/index>

Benefits: <https://www2.aston.ac.uk/staff-public/hr/Benefits-and-Rewards/index>

Working in Birmingham: <https://www2.aston.ac.uk/birmingham>

Employment of Ex-Offenders: Under the Rehabilitation of Offenders Act 1974, a person with a criminal record is not required to disclose any spent convictions unless the positions they are applying for is listed an exception under the act.

Eligibility to work in the UK:

Post-Brexit transition period / EU Settlement Scheme

The post-Brexit transition period ended on 31 December 2020. If you are an EU/EEA citizen and you were a resident in the UK before 31 December 2020, you, and your family members (including non-EU citizens need to apply to the EU Settlement Scheme to continue to live, work and study in the UK beyond 30 June 2021. The deadline for applying to the EU settlement scheme is 30 June 2021. You can apply via the Government webpage <https://www.gov.uk/settled-status-eu-citizens-families>
Irish Nationals do not need to apply for settlement as they retain the right to work in the UK.

New immigration system for EU/EEA and Swiss Nationals who were not resident in the UK before 31 December 2020

A new immigration system has been introduced for people arriving in the UK from EEA countries with effect from 1 January 2021. In addition to those who have always required a visa, EU citizens moving to the UK to work will need to get a visa in advance. You can find more information on the following website. Candidates should check their eligibility to enter or remain in the UK in advance of making any job application via the UKVI website <https://www.gov.uk/browse/visas-immigration/work-visas>. Before applying you should ensure that you meet the requirements, including meeting the English Language requirements. If you do not meet the eligibility criteria, any application for a work visa would be unsuccessful.

If you require a visa to work in the UK, the most common types of visa are:

Skilled Worker Visa

<https://www.gov.uk/skilled-worker-visa>

Global Talent Visa

If you are a leader or potential leader in one of the following fields, you may be eligible to apply for a Global Talent Visa:

- Academia or Research
- Arts and Culture
- Digital Technology

Please click the following link for further information and to check your eligibility for this visa.

<https://www.gov.uk/global-talent>

Equal Opportunities: Aston University promotes equality and diversity in all aspects of its work. We aim to ensure, through our admissions policies for students, and our staff recruitment and selection processes that we encourage applications from all groups represented in the wider community at a local, national, and international level.

The University will endeavour not to discriminate unfairly or illegally, directly, or indirectly, against student or potential students, staff, or potential staff. This commitment applies to all functions of the University and to any stage of an individual's career.

An Equal Opportunities Monitoring Form is included within the application form. Data you provide on the Equal Opportunities Monitoring Form will be included in a general database, for statistical monitoring purposes, enabling the University to monitor the effectiveness of its Policy, Codes of Practice and Guidelines on Equal Opportunities in Employment. Individuals will not be identified by name.

Data Protection: Your personal data will be processed in compliance with the Data Protection Act 2018 and the General Data Protection Regulation ((EU) 2016/679) ("GDPR"). The University's Data Protection Policy and Privacy Notices, including the Job Applicant Privacy Notice can be found at <https://www2.aston.ac.uk/data-protection>. Your application will only be used to inform the selection process, unless you are successful, in which case it will form the basis of your personal record with the University which will be stored in manual and/or electronic files. Information in statistical form on present and former employees is given to appropriate outside bodies.

Full details of our terms and conditions of service and associated policies and procedures are available online at <https://www2.aston.ac.uk/staff-public/hr/policies>

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gets real.**