



IMPACT

Research Assistant

Reference: 0162-23

Salary: £31,502 to £32,411 per annum (pro-rata) (Grade 7)

Contract Type: Fixed term 6 months

Basis: Full Time

Job description

Job Purpose:

To contribute to research activities of the School either independently or as part of a team, through professional practice and expertise.

Main Duties/Responsibilities:

Research

- ▶ To use standard research techniques to gather and manipulate data and information, interpreting the results for use by self and others.
- ▶ To undertake basic research by preparing, setting up, conducting and recording the outcome of experiments and field work.
- ▶ To analyse and interpret the results of own research and generate original ideas based on outcomes.
- ▶ To develop questionnaires and conduct surveys.
- ▶ To manage data to ensure data integrity and ease of access to data for the principal and co-investigators.
- ▶ To prepare study findings for presentation in study reports and publication in scientific journals.
- ▶ To ensure that all work is undertaken and analysed in a timely manner and in line with the milestones and deliverables outlined by the principal investigator.
- ▶ To present information on research progress and outcomes to research team and bodies supervising research, e.g. steering groups.
- ▶ To liaise with research colleagues and study participants as required.
- ▶ To assist in the supervision of student projects as required.

Teaching and learning

- ▶ To undertake up to 6 hours of teaching per week or support teaching and assessment activity in a module(s) relevant to area of research.
- ▶ Assist in the supervision of student projects

External Engagement

- ▶ To attend and participate in internal and external networks as appropriate and within the interests of the School/ University.

Citizenship

- ▶ To provide pastoral care and support to students.
- ▶ To attend and contribute to Academic Department meetings
- ▶ To take part in staff seminars, cross-departmental activities and events e.g. Open Days, Sixth Form Conferences etc. as appropriate
- ▶ To display and promote Aston values through own actions and behaviour.
- ▶ To undertake such other duties as may be reasonably requested and that are commensurate with the nature and grade of the post.

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	A degree in Biomedical Engineering or equivalent	Application form
Experience	<p>Experience of applying standard research techniques to gather and analyse data</p> <p>Experience of writing reports and delivering presentations</p> <p>Experience in undertaking data analysis and interpreting results.</p>	Application form and interview
Aptitude and skills	<p>Ability to work effectively in a team and with project partners.</p> <p>Ability to contribute to the planning of research projects</p> <p>Ability to deliver research objectives, deliverables and milestones in a timely manner.</p> <p>Excellent verbal and written communication skills with the ability to liaise with partners.</p> <p>Report writing and PowerPoint presentations</p>	Application form and interview

	Desirable	Method of assessment
Education and qualifications	<p>Qualification or certified training in image processing or image segmentation.</p> <p>A PhD in a relevant subject.</p>	Application form
Experience	Experience of segmentation of anatomical models from medical images	Application form and interview
Aptitude and Skills	Ability to work independently and setting priorities	Application form and interview

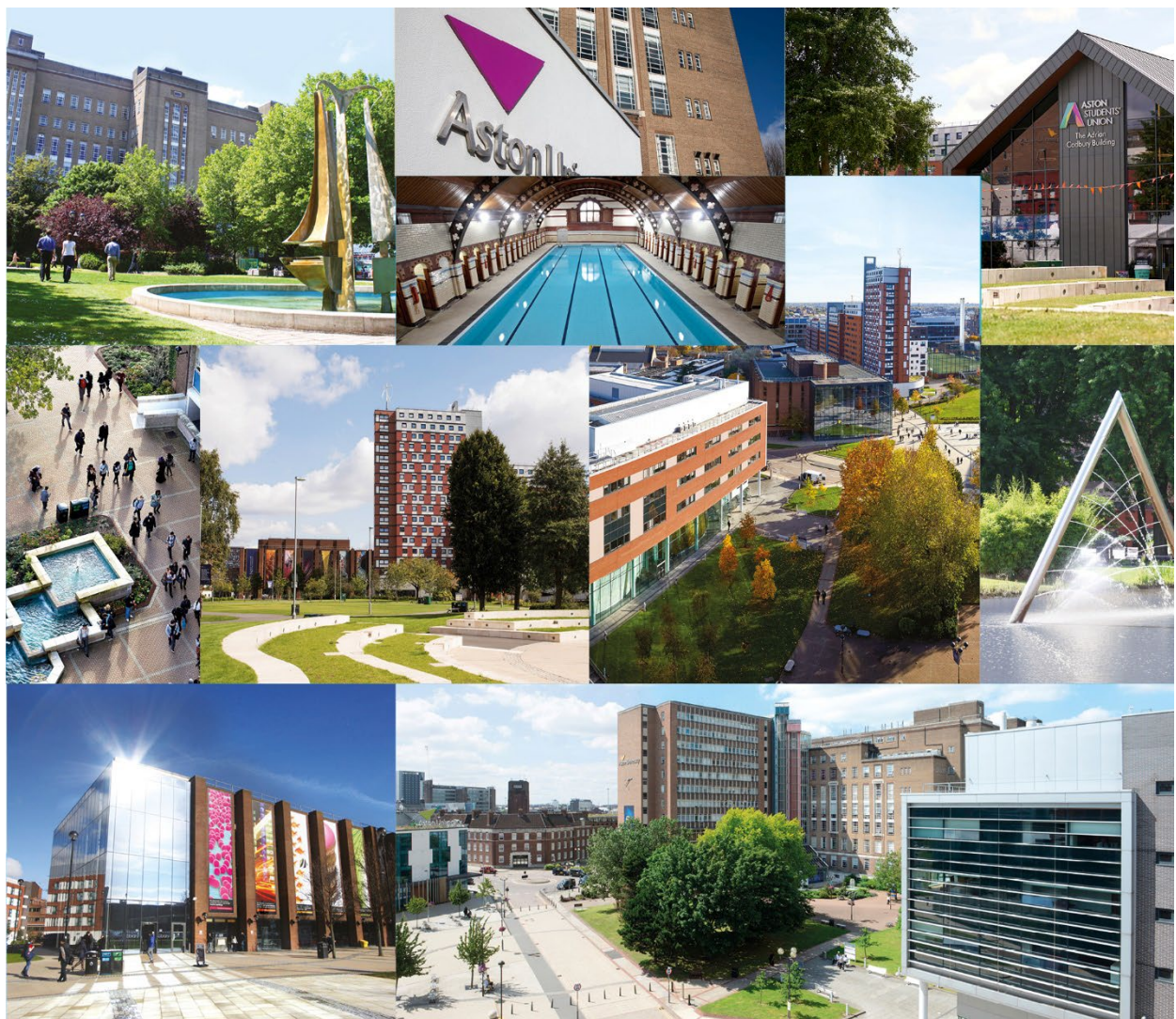
How to apply

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

Applications should be submitted by 23:59pm 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: Dr Antonio Fratini

Job Title: Deputy Head of the Mechanical, Biomedical and Design Engineering

Email: a.fratini@aston.ac.uk

Enquiries about the application process, shortlisting or interviews:

Recruitment Team via jobs@aston.ac.uk or 0121 204 4500.

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 applying for is listed an exception under the act.

Eligibility to work in the UK:

New immigration system from 1 January 2021

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 who were not resident in the UK before 31 December 2021 will need to get a visa in advance.

You can find more information [here](#)

Candidates should check their eligibility to enter or remain in the UK in advance of making any job application via the [UKVI website](#). 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>

Aston University
Birmingham
B4 7ET, UK.
+44 (0)121 204 3000
[aston.ac.uk](https://www2.aston.ac.uk)



**Where change
gets real.**