



OPPORTUNITY

Where change
gets real.



Reference: 1316-26

Grade: 10

Salary: £58,225 to £67,468, per annum, depending on experience

Contact Type: Permanent

Basis: Full Time

Job description

Job Purpose:

To play a leading role in the School's research, scholarship and teaching activities, working independently and collaboratively to contribute professional expertise and knowledge. In addition, to exploit external links with regional, UK and international bodies such as government agencies, schools, colleges, professional bodies, business and industry as appropriate to the subject discipline and School and/or University strategy.

Most academic staff will undertake a balance of research and teaching and learning activities. Whilst ability and effectiveness should be demonstrated in all areas, individuals may be more specifically focussed on research, teaching and learning or external engagement. This balance will be discussed and agreed with individuals annually in the PDR meeting in line with operational needs, School and University strategy and with consideration of the individual's career goals and development plans.

Readers will be recognised as outstanding nationally and known internationally for their expertise appropriate to their discipline and with a strong upward trajectory.

Main Duties/Responsibilities:

Research

- ▶ To lead a personal research programme consistent with the School's research priorities.
- ▶ To publish the outcomes of research, with a strong publication record of internationally excellent and leading publications appropriate to focus of the role. Where teaching and learning is the focus, to publish research disseminated in pedagogic or professional practice publications.
- ▶ To have proven track record of securing external funding and leading research projects, people and resources.
- ▶ Where appropriate to School/University strategy and subject discipline, to establish partnership links with external organisations to enhance Aston's research and industry profile.
- ▶ To lead research projects and, dependent on role focus, mentor and support junior colleagues in research.
- ▶ To have a successful record of supervising postgraduate students at Master's and Doctoral level, and to create an environment that encourages and supports research among students at postgraduate level.
- ▶ To collaborate in research initiatives with colleagues within and beyond the School, as appropriate.
- ▶ To conduct research capable of demonstrating impact e.g. research which has the potential to benefit the economy, society, culture, public policy or services, health, the environment or quality of life.
- ▶ Where research is the focus, to mentor peers and colleagues in research as required.

Teaching and Learning

- ▶ To teach students at different levels as appropriate including foundation, undergraduate and postgraduate students, and to carry out the associated examining processes.
- ▶ To lead on teaching and learning and its impact on curriculum development across the subject group and School.
- ▶ To provide academic support, pastoral care and advice, guidance and feedback to students in accordance with the School's requirements and procedures.
- ▶ Where teaching is the focus, to mentor peers and colleagues in effective teaching practice.
- ▶ To cooperate with colleagues across disciplines in the continuous review and development of programmes and the curriculum.
- ▶ To use and promote the use of a range of methods and techniques in teaching, learning and assessment including pursuing digital and modern methods of delivery
- ▶ To lead on (depending on role focus) supporting and promoting quality assurance measures within the University e.g. by evaluation and development of modules for which the Academic has responsibility, in terms of content, delivery and assessment as well as reviewing delivered modules, setting and receiving student feedback questionnaires.
- ▶ To innovate in teaching, demonstrate continuous professional development and critical reflective practice

External Engagement

- ▶ To develop and lead on student placement schemes with companies and research institutions both in the UK and overseas.
- ▶ To demonstrate research impact and secure commercialisation, identifying and pursuing opportunities for translational research where appropriate to role and discipline.
- ▶ To establish partnerships for commercialisation including patents, inventions and other exploitable intellectual property as applicable to subject area and/or to lead to improved practice, policy development or professional development.
- ▶ To engage with translational research with a view to external collaboration and establishing partnerships with outputs such as commercialisation, improved practice and policy, receiving support from a mentor where appropriate.
- ▶ To develop research and development collaborations with industry partners to secure additional direct funding as appropriate to role focus and subject discipline.
- ▶ To contribute to businesses, the public sector and communities e.g. through innovation, knowledge transfer, cultural enrichment, advising government bodies, contributing to and influencing government (UK or overseas) policy-making and standards.
- ▶ To enhance the University's reputation with professional/scholarly bodies e.g. by promoting public understanding of the subject.

Citizenship

- ▶ To carry out School and University roles and functions as may be reasonably required (e.g. Associate Dean, Head of Department, Programme Co-ordinator, Personal Tutor, Admissions Tutor, these being equitably distributed across the academic staff.
- ▶ To participate in continuing professional development e.g. through seminars or conferences and by engaging in training programmes run by the University which are consistent with the needs and aspirations of the academic and the School.
- ▶ To take part in and, if required, manage staff seminars, cross-departmental activities and events e.g. Open Days, Sixth Form Conferences, Degree Ceremonies etc.
- ▶ To take part in the meetings and activities of the Academic Department and, on occasion act as chair of one or more of the School committees, these responsibilities being equitably distributed across the academic staff.
- ▶ To demonstrate the University's leadership 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 good first degree in relevant discipline A doctorate in aerospace engineering, systems engineering, materials sciences, electronic engineering, propulsion, autonomy, or a closely related discipline. A recognised teaching qualification /membership of Advance HE (formally known as the Higher Education Academy or HEA) at Fellow level as a minimum, Senior Fellow if the focus is teaching. Current membership of relevant professional body, if appropriate	Application form
Experience	Experience of teaching and assessment on relevant undergraduate and postgraduate programmes and of professional examining. Track record of innovation in the design and delivery of taught programmes at undergraduate or postgraduate level, where teaching is the focus. Experience of course management at module or programme level. Experience of initiating an independent line of research and in applying for and securing external research funding with a strong ongoing pipeline. An established record of internationally recognised research excellence, accompanied with a significant track record of publications in high quality international peer reviewed journals. Experience of PhD supervision through to successful completion.	Application form and interview
Aptitude and skills	Ability to lead the development and implementation of research strategy and/or teaching. Ability to lead on the design and development of the curriculum.	Application form and interview

	Essential	Method of assessment
	Highly developed communication and presentation skills to present research findings at national and international conferences. Ability to develop internal and external networks that will raise the profile of the subject/University. Ability to develop and maintain a research programme and to publish in international journals. Ability to harness IT as a research and teaching tool. Ability to provide tutorial and counselling advice to undergraduate and postgraduate students. Ability to take on leadership role at subject group/School/University level. A willingness to undertake further training as appropriate and to adopt new procedures as and when required.	

	Desirable	Method of assessment
Education and qualifications	Membership of a relevant professional body. A Postgraduate Certificate in Professional Practice (PGCPP), or equivalent qualification.	Application form
Experience	Evidence of developing successful research collaborations with industrial or other external partners. Experience of working with industry, translating research into application. Contributing to major collaborative engineering programmes	Application form and interview and presentation

University values

All staff are expected to demonstrate/promote the University's values and expectations, which are an integral part of our strategy and underpin the culture of the University. In addition, our leaders are expected to be accountable, help to execute strategic visions of the University and share and set clear expectations that inspire those around them.

Values + Behaviours



Innovation

We strive for excellence within ourselves and others, providing solutions to new and existing challenges.



Collaboration

We work best when we are collaborative, working together to contribute to the Aston community.



Ambition

We strive together for improvement and innovation looking ahead to see the bigger picture.



Inclusion

We treat everyone in our community equally and how they would like to be treated.



Integrity

We are open, honest and fair. We take ownership of the way we work and how we treat each other.

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 recruitment@aston.ac.uk.

Contact information

Enquiries about the vacancy:

Name: Damien Foster

Job Title: Professor And Head of Department

Email: d.foster1@aston.ac.uk

Enquiries about the application process, shortlisting or interviews:

Recruitment Team via recruitment@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: [Benefits and Rewards | Aston University](#)

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: Where an individual is subject to UK immigration control, they will require a visa to work in the UK.

The following individuals do not need a visa for the UK, but do still have to prove their right to work before employment can commence:

- **British Citizens or Irish Nationals**
- **EU/EEA/Swiss nationals with Settled or Pre-settled status under the EU Settlement Scheme**
- **Non-EEA nationals with Indefinite Leave to Remain/Settlement in the UK**

The main routes available for those who need a visa to work in the UK are **Skilled Worker**, **Global Talent** and the **Graduate Route**.

Please see UKVI guidance for further information on eligibility, knowledge of English requirements and approved test centres <https://www.gov.uk/skilled-worker-visa> You can also find further information on our candidate immigration [web page](#).

If you will conduct research in your role, you may need to apply for and obtain ATAS clearance before Aston can issue a Certificate of Sponsorship for your visa application. Please see our candidate immigration [web page](#) for further details.

Before you start and Right to Work

Right to Work Check

All employees must complete a Right to Work check before they commence work at Aston. HR will contact you during the onboarding process to arrange your check.

Cost of Living - Estate and Letting Agents

There are numerous Estate and Letting Agents that can help you find suitable accommodation. Useful websites for support and guidance

<https://www.gov.uk/government/publications/how-to-rent/how-to-rent-the-checklist-for-renting-in-england> and <https://www.citizensadvice.org.uk/housing/>

You can also use property search websites such as Rightmove or Zoopla.

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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