



OPPORTUNITY

Research Associate

Reference: R220495

Salary: £35,333 per annum (pro-rata). Grade 8

Contract Type: Fixed Term (30/11/2022)

Basis: Full Time

Job description

Job Purpose:

The postholder will work on a project funded under the Hydrogen BECCS Innovation Programme: Phase 1 funded by BEIS and led by industry. The postholder will conduct a technology scouting of viable hydrogen BECCS technologies, conducting a literature review, data collection and data analysis.

The postholder will engage and collaborate with different project partners and relevant stakeholders as part of the research activities.

The postholder will regularly meet and liaise with colleagues and project partners to ensure appropriate input, data sharing, and effective dissemination of results. In addition, the postholder will work with colleagues in EBRI and be a member of the EBRI System Analysis working group to share knowledge, skills and results in oral and written form and engage with a wide variety of external stakeholders in relation to project activities.

Main Duties and Responsibilities

Research

- ▶ Work with colleagues in Hydrogen BECCS Innovation Programme: Phase 1 project conducting the relevant research and reporting activities.
- ▶ Conduct a technology scouting of promising and novel Hydrogen BECCS technologies.
- ▶ Write up and publish the research outcomes as high-quality reports.
- ▶ Present intermediate and final results to the industrial project lead, project partners and relevant stakeholders.
- ▶ Collaborate in research initiatives with colleagues in and beyond EBRI.
- ▶ Engage with EBRI System Analysis working group to share knowledge, skills and results.

External engagement

- ▶ Engage with stakeholders from the commercial sector, industry and policy to support multi-directional communication and exchange of knowledge

Citizenship

- ▶ To demonstrate the University's leadership values through actions and behaviour.
- ▶ To undertake such other duties as may be reasonably requested and 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 that promotes fairness in all matters and 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 PhD or close to completion in a relevant subject	Application form
Experience	<p>Knowledge of bioenergy and BECCS (Bioenergy with carbon capture and storage)</p> <p>Experience with literature review and analysis</p> <p>Experience in describing and defining process design and mass-energy balances</p> <p>Well-developed MS Excel and software skills</p> <p>Experience in writing up/contributing to the write-up of research for high-quality reports.</p> <p>Experience of successfully working as part of an interdisciplinary team</p>	<p>Application form and interview</p> <p>Application form and interview</p> <p>Application form and interview</p> <p>Application form and interview</p> <p>Application form and interview</p> <p>Application form and interview</p>
Aptitude and skills	<p>Ability to autonomously progress project research and proactively engage with partners</p> <p>Ability to present data clearly and concisely that is visually appealing.</p> <p>Ability to prepare written communications to a high standard</p> <p>Well-developed interpersonal and team-working skills.</p>	<p>Application form and interview</p> <p>Application form and interview</p> <p>Application form and interview</p> <p>Application form and interview</p>

	Desirable	Method of assessment
Education and qualifications	Degree in chemical engineering or related subject	Application form and interview

	Desirable	Method of assessment
Experience	Experience in working with industrial and non-academic partners	Application form and interview
	Experience of positive collaboration within and outside of the candidate's immediate research team.	Application form and interview

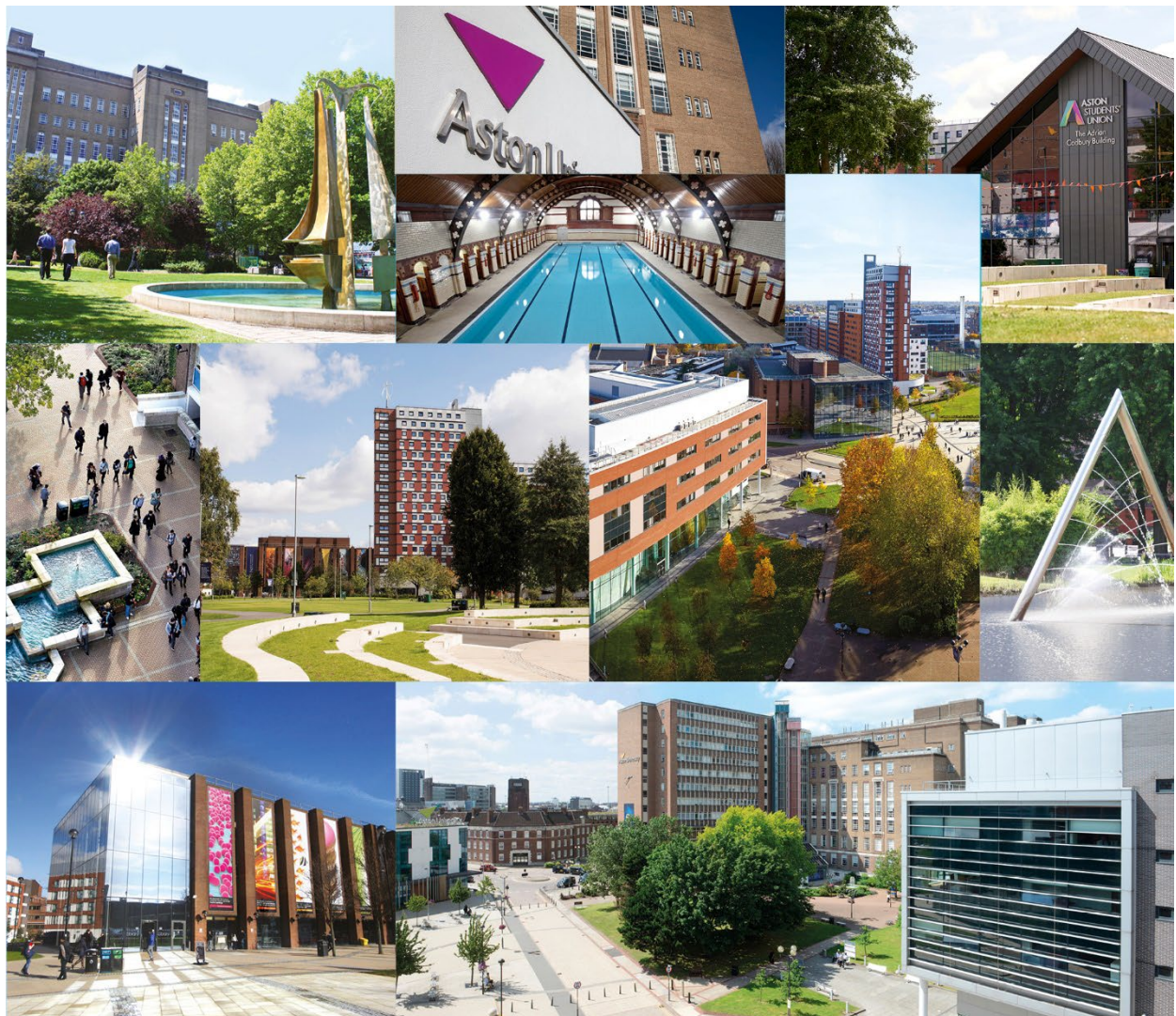
How to apply

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: Mirjam Roeder

Job Title: Associate Professorial Research Fellow

Email: m.roeder@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>

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**Where change
gets real.**