

Ashby Postdoctoral Fellowship in Mechanics and
Materials (fixed term)
University of Cambridge

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Downloaded On: Oct. 19, 2024 8:17pm

Posted Oct. 7, 2024, set to expire Nov. 14, 2024

Job Title	Ashby Postdoctoral Fellowship in Mechanics and Materials (fixed term)
Department	Department of Engineering
Institution	University of Cambridge Cambridge, Cambridgeshire, United Kingdom
Date Posted	Oct. 7, 2024
Application Deadline	Nov. 14, 2024
Position Start Date	January 2025
Job Categories	Post-Doc
Academic Field(s)	Mechanical Engineering Engineering Mechanics Engineering - Other
Job Website	https://www.jobs.cam.ac.uk/job/48571/
Apply Online Here	https://www.jobs.cam.ac.uk/job/48571/
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Job Description	

Cambridge University Engineering Department is seeking applicants for the "Ashby Postdoctoral Fellowship in Mechanics and Materials". This Fellowship has recently been established in honour of the pioneering research by Prof M F Ashby CBE, FRS, FREng. The Fellowship is normally of 3 years duration.

The Ashby Postdoctoral Fellow will be given the opportunity to pursue independent research in the general area of mechanics and materials, as well as to contribute to ongoing research in the

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Mechanics and/or Materials Groups. Research activities in mechanics and materials are broadly interpreted. The candidate should be broadly aligned with interests in the groups.

Areas of current research include additive manufacturing, micro- and nano-mechanics, coupled phenomena of direct relevance to mechanical engineering such as performance and failure of electro-chemical devices, statistical theory of vibration, and data-based computational methods, but applicants are not limited to these example topics.

It is anticipated that the appointed Fellow will be affiliated with Pembroke College with the opportunity to engage in College life and to develop their teaching experience by joining the tutorials given to Engineering students in that College. The College affiliation will carry benefits that include dining rights and the opportunity to interact with College Fellows across a very wide range of disciplines.

The Ashby Postdoctoral Fellow position is primarily targeting candidates who are seeking an academic career in a leading, international research university. Candidates are expected to show outstanding promise in experimental and/or theoretical research. They must have received a PhD recently, with their exam after 1 October 2022, or be close to receiving one.

The post holder will be located in Central Cambridge, Cambridgeshire, UK.

Appointment at Research Associate level is dependent on having a PhD. Those who have submitted but not yet received their PhD will be appointed at Research Assistant level, which will be amended to Research Associate once the PhD has been awarded.

Salary Ranges: *Research Assistant: £31,396 - £33,966

*Research Associate: £36,024 - £44,263

Fixed-term: The funds for this post are available for 3 years in the first instance.

EEO/AA Policy

The University of Cambridge is committed in its pursuit of academic excellence to equality of opportunity and to a pro-active and inclusive approach to equality, which supports and encourages all under-represented groups, promotes an inclusive culture, and values diversity. This commitment is underpinned by the University's core values, expressed in its mission statement:

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- Freedom of thought and expression
- Freedom from discrimination.

The University is therefore committed to a policy and practice which require that, for students, admission to the University and progression within undergraduate and graduate studies will be determined only by personal merit and by performance. For staff, entry into employment with the University and progression within employment will be determined only by personal merit and by the application of criteria which are related to the duties and conditions of each particular post and the needs of the institution concerned.

Subject to statutory provisions, no student, member of staff, applicant for admission as a student, or applicant for appointment as a member of staff will be treated less favourably than another because of her or his belonging to a protected group. This commitment applies to a former student, alumnus or alumna, or former employee where the alleged unlawful conduct arises out of and is closely connected to the former student's or former staff member's previous relationship with the University.

Protected groups are defined in the Equality Act 2010 as Sex, Gender Reassignment, Marriage or Civil Partnership, Pregnancy or Maternity, Race (including Ethnic or National Origin, Nationality or Colour), Disability, Sexual Orientation, Age, or Religion or Belief. The University respects all religious and philosophical beliefs, as well as the lack of religion or belief, and the right of all members of its community to discuss and debate these issues freely.

If any person admitted as a student or appointed as a member of staff considers that he or she is suffering from unlawful discrimination, harassment, or victimization in her or his admission, appointment, or progression through the University because of belonging to any of the above protected groups, he or she may make a complaint, which will be dealt with through the agreed procedures for complaints or grievances or the procedures for dealing with bullying and harassment, as appropriate.

The University will take active steps to promote good practice. In particular it will:

- work towards the elimination of unlawful discrimination, harassment, and victimization based on a protected characteristic, whether actual, perceptive, or associative;
- advance equality of opportunity between persons who share a protected characteristic and persons who do not share it;
- foster good relations between persons who share a protected characteristic and persons who do not share it;
- subject its policies to continuous assessment in order to examine how they affect protected groups and to identify whether its policies help to achieve equality of opportunity for all these groups, or whether they have an adverse impact;
- monitor the recruitment and progress of all students and staff, collecting and collating equalities information and data as required by law or for the furtherance of University equalities objectives;
- promote an inclusive culture, good practice in teaching, learning, and assessment, and good management practice, through the development of codes of best practice, policies, and training;
- take positive action wherever possible to support this policy and its aims, and
- publish this policy widely amongst staff and students, together with policy assessments, equality analysis and results of monitoring.

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The Equal Opportunities Policy will be enacted through by the University's Equality Objectives, associated implementation plans, and the Combined Equality Scheme. The Combined Equality Scheme explains how the University will fulfil its statutory obligations in relation to equalities legislation.

It considers:

- Governance and Policy Development, including relevant committees, compliance, equal pay, assessing the impact of policies and practices and reporting;
- Developing and Implementing Best Practice;
- Inclusive Practice for Students and Staff – including the University's Diversity Networks, Dignity at Work, and Dignity at Study procedures;
- Promotion of Equality and Diversity, including relevant diversity events, training, and guidance, and
- Data and Information Provision, including appropriate monitoring and compliance reporting.

Progress against actions and objectives will be reported in the Equality and Diversity Annual Reviews and Data Reports.

Statutory obligations.

The University will meet all statutory obligations under relevant legislation and, where appropriate, anticipate future legal requirements. This will be informed by:

- The Equality Act (2010) and associated secondary legislation
- Criminal Justice and Immigration Act (2008)
- The Racial and Religious Hatred Act (2006)
- The Civil Partnership Act (2004)
- The Gender Recognition Act (2004)
- Criminal Justice Act (2003)
- The Human Rights Act (1998)
- The Protection from Harassment Act (1997)
- Special Education Needs and Disability Act (2001).

In addition, this will be informed by the Codes of Practice or Guidance issued by the Equality and Human Rights Commission and other relevant bodies. These Codes are not legally binding (though they are admissible as evidence in Employment Tribunals) and the University supports them fully.

This policy will be amended as appropriate to meet the demands of future legislation.

This policy can be found in the [University's Statutes and Ordinances](#).

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Claire Whitaker

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