

Lecturer in Biomedical Engineering

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Company: University of Bath

Location: United Kingdom

Category: architecture-and-engineering

Lecturer in Biomedical Engineering

Department

Electronic & Electrical Engineering

Salary

Starting from £45,585, rising to £54,395

Closing date

Thursday 09 May 2024

About the role

The Department of Electronic and Electrical Engineering at the University of Bath is seeking to appoint a Lecturer in Biomedical Engineering or Human Augmentation to undertake excellent research and deliver high-quality teaching. We are looking for an outstanding researcher to enhance our research, join an expanding and ambitious department, and to shape the technology of the future in a vibrant and inclusive environment.

The University hosts both the Centre for Bioengineering and Biomedical Technologies (CBio) and the Bath Institute for the Augmented Human (IAH), and you will be expected to

contribute significantly to the success of either one or both of these exciting new research entities.

About CBio

CBio's mission is to improve health and wellbeing through world-leading bioengineering research, with a vision to foster and develop transdisciplinary and translatable research that addresses the grand challenges in human health and wellbeing. CBio builds on the strong international reputation of the previous Centre for Biosensors, Bioelectronics and Biodevices (C3Bio), and extends its remit to include ground-breaking research in biomedical technology and bioengineering. This includes emerging strengths in robotics and autonomous systems for healthcare, and major strengths in biomechanics, bioprocesses and tissue engineering.

About the IAH

The IAH is the University's newest research Institute, established in 2023, as an innovative and agile leader in Human Augmentation R&D in the UK and Internationally. Our vision is a complete multidisciplinary training and innovation ecosystem that revolutionises the way that humans interface, interact, improve, and evolve with technology. The Institute is a unique body of interdisciplinary research, focusing on research excellence and developing researchers that have the skills to develop, trial, regulate and deploy human augmentation technologies.

We're setting ourselves an ambitious programme involving 50+ academics from an excellent mix of disciplines; from robotics, engineering and computer science to health, neuroscience, and psychology. Together, we're establishing a world-leading research Institute, and we want you to be a part of it.

About you

You will have track record in applied Biomedical Engineering and teaching, with the potential to develop a significant research portfolio. In particular, you should ideally have experience (or potential) in research encompassing bioengineering, biomedical technology and human augmentation technologies - for example, neurotechnology or brain-computer interfaces.

You will hold a PhD and an undergraduate degree in Electronic and Electrical Engineering or a very closely related subject. Through your research and teaching, you will be passionate about addressing global challenges and educating the next generation of engineers. This role will suit you if you:

- Enjoy working in a collaborative and supportive environment
- Can demonstrate a clear fit to the Department's research profile with your research being in research activities, including the application of artificial intelligence and machine learning in your research area
- Are passionate about teaching, and have the ability to teach a wide range of electronic and electrical engineering subjects at both postgraduate and undergraduate levels on all of our courses
- Have a growing publication record and international reputation appropriate to your career stage
- Have potential for winning and delivering on research grants

You will be a kind and culturally-aware leader who fosters an environment where every individual is valued and respected, regardless of their background or identity. You will understand that change is inevitable and necessary, actively encouraging your team to adapt and evolve. By promoting a culture of openness and inclusivity, you will create a dynamic and empowered team that can thrive in today's changing world.

Informal enquiries about the post may be made to:

- Dr Ben Metcalfe, Head of Department
- Dr Hannah Leese, Deputy Director of CBio
- Prof Damien Coyle, Director of the IAH

Please ensure you submit your application through our website, and please upload an up-to-date CV.

Working with us

You will be joining a progressive and thriving academic environment, and will benefit from the collaborative and well-established Department and Faculty systems at the University of Bath. This includes a strong mentoring and personal and professional development environment in the Department, and the University's professional development programme for new lecturers. The lifestyle advantages of working and living in one of the most beautiful and accessible areas in the UK are an added attraction.

What we can offer you:

- a very generous employer contributory pension scheme
- generous annual leave allowance with an additional 5 discretionary days so that you can enjoy a positive work life balance
- we are a family-friendly University and, with an increasingly agile workforce, are open to flexible working arrangements
- an excellent reward package that recognises the talents of our diverse workforce
- a wide range of personal and professional development opportunities
- a number of support options available, for new and existing staff, to help with the cost of some immigration expenses which you may be eligible for: Relocation allowance, Visa Reimbursement, Interest-Free Loan.

Find out more about our benefits on our website.

We consider ourselves to be an inclusive university, where difference is celebrated, respected and encouraged. We have an excellent international reputation with staff from over 60 different nations and have made a positive commitment towards gender equality and intersectionality receiving a Silver Athena SWAN award. We truly believe that diversity of experience, perspectives, and backgrounds will lead to a better environment for our employees and students, so we encourage applications from all genders, backgrounds, and communities, particularly from under-represented groups, and value the positive impact that will have on our teams.

We are very proud to be an autism friendly university and are an accredited Disability Confident

Leader; committed to building disability confidence and supporting disabled staff.

Find out from our staff what makes the University of Bath a great place to work. Follow us on Twitter for more information.

Other organisations may call this role Lecturer in Biomedical Engineering, Lecturer - Biomedical Engineering, Biomedical Engineering Researcher, Researcher, Professor, or Biomedical Engineering Lecturer.

To apply for the role of Lecturer in Biomedical Engineering, please select the apply button shown.

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