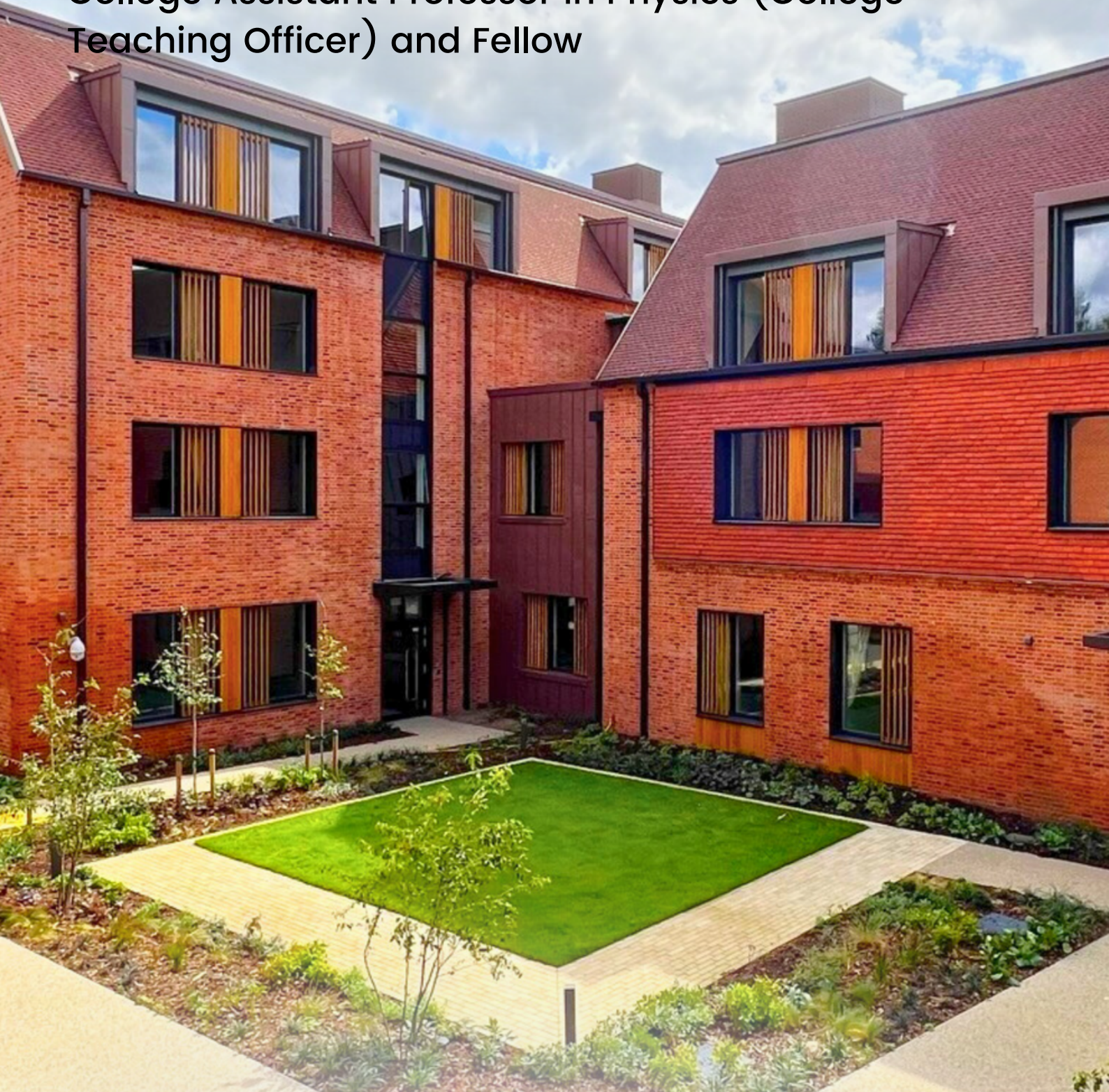




Lucy Cavendish College
University of Cambridge

Candidate Pack

College Assistant Professor in Physics (College
Teaching Officer) and Fellow





INTRODUCTION

Lucy Cavendish College is a trailblazer in Cambridge University. From the beginning, we have opened the Cambridge door to exceptional students from under-represented and historically excluded backgrounds. And not only admitted these students but made sure that they thrive at Cambridge, fulfilling their academic potential and developing their personal and professional skills. Always outward-facing, Lucy Cavendish looks for students who have an enterprising mindset and who are determined to make a positive contribution to society. We take risks on unconventional applicants who, because of their background and not in spite of it, have the experiences to challenge taken-for-granted assumptions, to contribute new ways of thinking to complex problems, and to ensure that innovative solutions are likely to succeed. And our senior researchers are selected because they are working in an interdisciplinary way on aspects of the 'grand challenges' confronting humankind and our planet.

We are the most diverse College in Cambridge. Our aim is to be broadly representative of UK society and to increase the proportion of our international students who come from low-income backgrounds. We are well on our way to achieving these ambitions. Our UK undergraduate intake is now typically 90+% from state schools and 30+% from areas that rank in the lowest two categories of the government index of multiple deprivation. 40+% of our UK students self-identify as non-white and more than half of those who do identify as white come from unskilled or semi-skilled families. Overall, one in four is the first in family to go to university. The grades with which they enter always meet or exceed those required by the University.

Meanwhile, our international students come from 80+ countries and, through successful fund-raising, we are gradually increasing the number from less developed countries or from low-income/under-represented backgrounds in more developed countries. The majority of our graduate students are studying for a Masters degree and while some go on to exciting PhDs and wonderful academic careers, the majority graduate into employment. Over the last ten years, 50% of our alumni have gained leadership positions in organisations of all kinds that are addressing the UN Sustainable Development Goals.

So if this kind of environment speaks to your values, and if our mission excites you, please read on! Our students are amazing and our staff are committed and very loyal. Together we seek to build a friendly culture which is supportive of all, develops talent, and brings out the best in each of us.



Prof. Dame Madeleine Atkins
President of Lucy Cavendish College



Job Summary

College Assistant Professor in Physics (College Teaching Officer) and Fellow

Posted: 11 April 2024

Salary: £39,775 p.a. (subject to review July 2024)

Closing date:

Monday 6 May 2024

Job Type:

5 year fixed-term

Interview Date:

Wednesday 15 May 2024

Applications are invited for the post of College Assistant Professor in Physics and Fellow at Lucy Cavendish College. The post will begin in September 2024 and last for a fixed term of 5 years.

The post holder will be expected to undertake at least 12 hours of undergraduate supervisions per week for 2.5 terms for the College and to assume the role of Director of Studies for all students specialising in Physics within the Natural Sciences Tripos. The College is seeking a candidate who can teach several of the associated Part IA and Part IB papers, such as:

- IA Physics: Dynamics, Special Relativity, Oscillators, Waves, Electrodynamics
- IA Natural Sciences Mathematics: Vector Calculus, Complex Numbers, ODE and PDEs
- IB Physics A: Waves, Quantum Mechanics, Condensed Matter Physics
- IB Physics B: Dynamics, Electromagnetism, Thermodynamics
- IB Natural Sciences Mathematics: Mathematics, Groups, Tensors, Fourier Transforms, Advanced Calculus

The ability to contribute teaching to associated papers of the Engineering Tripos (<https://www.undergraduate.study.cam.ac.uk/courses/engineering>) may also be an advantage.

This appointment offers an exciting opportunity to work with our diverse student body in a subject in which we admit roughly ten undergraduates each year. Since our students come from a wide range of backgrounds, the appointee will need to have a flexible approach to their teaching, and experience in working with students for whom the Cambridge learning environment may be unfamiliar may be an advantage. The post holder will also be elected as a Fellow and Trustee of the College, so they will be expected to attend certain College committees and should be prepared to participate fully in College life.

To learn more about this post or to make an informal enquiry please contact the Assistant Senior Tutor: Academic, Dr Mark King, at mark.king@lucy.cam.ac.uk. Prospective applicants should note in particular that this is a full-time role that is not suitable to be held alongside completion of a PhD.

For more information, please see the accompanying job description and person specification available to view on our [website](#).



Hear from our staff



The recruitment process for Lucy Cavendish was thorough, organised and very informative. They kept in contact with me at every stage and were more than happy to answer all of my questions, making the transition completely stress-free. Once I started in my role, I found it very easy to become part of the team and to get to know everyone else working at the college. What really sets Lucy apart is how keen everyone is to help others, even across teams and departments.

Danny,
IT Technician



Applying for a new role, when I had been with the same organisation for over 20 years was a huge step outside my comfort zone. I wasn't even sure that I would have the courage to leave my old place of work even if I was lucky enough to be chosen. However, when I started my application, I found the HR team at Lucy were so helpful and encouraging, making it feel much easier. The interview process really highlighted what an amazing community Lucy Cavendish College is, so I was unbelievably excited to be offered a post. Settling into a new role was much smoother than I anticipated, mainly due to having great people around me who are always willing to explain anything I don't fully understand. At every stage I have been made to feel welcome. It's clear that every staff member is valued for the contribution they make to the shared goal. It really is a great place to work.

Sara,
Specific Learning Difficulties Practitioner



The hiring process from start to finish was smooth and easy. I was delighted when I was invited for an interview, which I thoroughly enjoyed due to the friendly panel members. I was over the moon when I was offered the job and I can honestly say, this is a great place to work at. Everyone was so welcoming and straight away I felt I belonged. I am supported by my team, and I feel great about the future here.

Szilvia,
Operations Administrator





Hear from our students



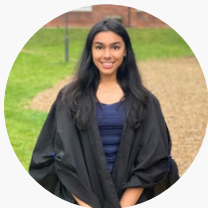
Lucy Cavendish is a very friendly, welcoming environment. The support is amazing, especially during times you need it the most. Everyone at the College wants the best for those who are here, and will do anything they can to help make your time here run as smoothly as possible.

Kiera,
History



Even after just one term at Lucy Cavendish, I have thoroughly enjoyed my studies and have benefited enormously from the vast range of support available within the college and wider university.

Roman,
Modern and Medieval Languages



The welcoming community including the friendly porters and 'Lucians' make our College incredibly unique. Our College supports each of its students to make the most of every opportunity, making Cambridge a memorable experience. Lucy has become my home away from home.

Preksha,
Psychological and Behavioural Sciences





Benefits

At Lucy Cavendish College we provide a range of benefits to our Fellows including:

- A full meals allowance when meals are available in College
- (five meals and one formal hall a week during term and an allowance for guests)
- Membership of the USS Pension Scheme
- Travel/book/research grant, subject to suitable application
- Free stationary, photocopying and mail facilities
- Use of the Fellows Room in Marshall House
- Free car parking (when available)
- A health cash back scheme
- Cycle to work scheme

Application Process

To apply for this role, please visit: https://app.casc.cam.ac.uk/fas_live/lccapph/

Closing date for applications is **Monday 6 May 2024**.

Interviews will be held on **Wednesday 15 May 2024**.

Please attach a CV and a letter of application with your submission. You should include a short summary of your publication plans and teaching plans and specify the Tripos papers you would be able to teach in your application. Please include details of two referees who can be contacted to provide a reference by no later than 10:00 on Wednesday 8 May 2024.

Please ensure your application demonstrates how you meet the essential requirements of the Person Specification for the role.



“ Feel free to send us an email if you have any questions ”

Alison
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