

# Cam REPPS Application Form 2026 – EXAMPLE ONLY please do not complete.

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Start of Block: Default Question Block

Cambridge Research Experience Placements in the Physical Sciences (Cam REPPS)  
To apply please complete this form, attach your most recent transcript, and submit everything **by 11.59pm on Monday 9 March 2026.**

On submission, referees will receive an automated email with a personalised link to a template reference form. Please ensure that you notify your referee when you submit your form so they are aware of when they will receive this message. Referees must submit their references by **1pm on Friday 20 March 2026.**

The information provided on this form, along with the supporting documents, will be shared with those who are part of the shortlisting and selection process in order to determine eligibility and suitability for the internship scheme. Widening Participation data will only be reviewed by programme staff working in the School of the Physical Sciences i.e. no WP information will be shared with project supervisors unless specifically stated below.

Anonymised WP data will be collected for monitoring purposes only to ensure we are meeting the aims of the programme and to ensure we are reaching those who may wish to apply.

First Name

Surname

Date of Birth

Email address (a copy of your responses will be sent to this address)

Mobile/Telephone Number

Please select the option that best fits your circumstances:

I am a UK citizen

I am a Republic of Ireland citizen

I have settled status/indefinite leave to remain in the UK

I hold pre-settled status in the UK

Other - please provide details

What is your Nationality?

In which country did you undertake most of your secondary education?

Name of the University where you are undertaking your undergraduate degree

Name of your course

Course subject

Is your current University fee status "Home"?

Yes

No (please explain if selecting this option)

This programme is for those in their penultimate year of undergraduate study. Please select the option which best fits your circumstances

I am in my second year of a three year course

I am in my third year of a four year course

Other - please provide further details

Do you consider yourself to have a disability?

Yes

No

**OPTIONAL** If relevant, outline any adjustments that would be helpful for you during the placement. This could include a disability or accessibility issue which may require potential adjustments at the host department and/or college accommodation. Please note that whilst every effort will be made to address anything highlighted here, certain arrangements may be outside of our control. We will advise if this is the case. We may not be able to address anything raised after an offer has been accepted.

### **Eligibility Criteria**

- Please select all that applies to you from this list and/or the Ethnic Groups list
- You were in receipt of free school meals at secondary school
- You are the first generation of your family to study at undergraduate level
- You have been a young carer under the age of 18 or have/had caring responsibilities during undergraduate study (providing unpaid support for a family who has a physical or mental health condition, or misuses substances)
- You entered university at undergraduate level from a care background or as a Foyer resident
- You receive the maximum Maintenance Loan for undergraduate study
- You are estranged from your parents/guardians - estrangement means that you have no support from, or contact, with either of your parents

- You are either a single parent, or lone guardian of a young person who is aged under 18 and/or is still in full-time education
- You have refugee status

#### Underrepresented Ethnic Groups in the Physical Sciences

- Arab
  - Asian: Bangladeshi or Bangladeshi British
  - Asian: Pakistani or Pakistani British
  - Black: African or Black African British
  - Black: Caribbean or Black Caribbean British
  - Mixed or multiple ethnic groups - White or White British and Black African or Black African British
  - Mixed or multiple ethnic groups - White or White British and Black Caribbean or Black Caribbean British
  - Any other ethnic background not listed below (please specify)
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#### Ethnic groups **not** currently underrepresented:

- Asian: Chinese or Chinese British
- Asian: Indian or Indian British
- Any other Asian background
- Any other Mixed or Multiple ethnic background not listed
- Mixed or multiple ethnic groups - White/White British and Asian/Asian British: Chinese
- Mixed or multiple ethnic groups - White/White British and Asian/Asian British: Indian
- White: British (including English, Scottish, Welsh, and Northern Irish)
- White: Irish

Please drag and drop your two preferred projects into the boxes below:

- |                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| 1 - Probabilistic identification of gravitationally-lensed supernova candidates                                       |
| 2 - GPU-Accelerated Detection of Subthreshold Gravitational Wave Signals                                              |
| 3 - GPU-Accelerated Hubble Constant Inference from Gravitational Waves                                                |
| 4 - How galaxy properties relate to dark matter: exploring the galaxy–galaxy lensing signal in the Kilo Degree Survey |
| 5 - Understanding the nature of alignments in cosmic environments                                                     |
| 6 - Coordination Chemistry of a Dewar-Phosphabenzene                                                                  |
| 7 - REVEAL-NOx: Reducing aviation Emissions' uncertain climate impacts: NOx                                           |
| 8 - Development of Functionalised Carbon Pellets for Direct Air Capture of Carbon Dioxide                             |

- 9 - AI-driven approaches for automated refinement of X-ray diffraction data for materials discovery and design
- 10 - Dynamics of Surface Species on Realistic Metal and Single-Atom Alloy Catalysts using Foundation Machine Learning Interatomic Potentials
- 11 - Fire and land-use history of the Upper Guinean Forest of West Africa
- 12 - Testing a machine learning method for the detection of cryptotephra in lake sediment cores
- 13 - Quantifying Stemflow Transport Networks Through QSM-Derived Graph Models
- 14 - Understanding the polarisation-altering properties of healthy and cancerous tissues
- 15 - Designing quantum materials from first principles

**Personal Statement** (700 words max.)

Please detail here:

- why you are applying to the programme
- how you will benefit from this research experience and
- outline the reasons for your project selections, specifically noting how your academic experience to date fits with the projects chosen

**Optional question** - As Cam REPPS is aimed at Widening Participation candidates (as per the eligibility criteria) we invite you to outline any obstacles you have experienced to your education so far and how you have managed them. This information will be shared with project supervisors.

Name of your referee (including their title)

Email address of referee (please ensure you enter this address accurately as an automated reference request will be sent once your application has been submitted).

Please upload a recent copy of your academic transcript, which must include your name and University logo. This can be a PDF or an image file up to 100mb. If you have multiple files, you can upload a zip file.

Please tick the box below to confirm that:

all information provided in this form is correct and I understand that it will be reviewed by school staff and project supervisors, except where stated, to check suitability and eligibility to the programme

End of Block: Default Question Block

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