

**Join the Fully Funded Faraday Undergraduate Summer Experience (FUSE) Internship Program
FutureCat STEM outreach**

Are you interested in communicating battery science to schools?

Project Description & Goals

- Develop online resources on batteries for schools - to inspire young people to learn more about battery research and why we need batteries, and the chemistry behind them. This could be for example, an interactive online resource for children or young people to use, or a lesson plan for teachers with a demonstration kit.
- Develop your knowledge of battery research through joining the FUSE cohort and attending masterclasses and training
- Develop your science communication skills for a range of audiences

We will discuss with you at the beginning of the project what kind of resources you'd be interested in developing, what the target age range is, and agree together what resource will be produced. You'll start by investigating what resources are already available.

This would be a fantastic opportunity for anyone who is interested in battery research and in developing their science communication skills further, or may wish to go into the career field of science communication or science education.

Due to the ongoing COVID-19 situation, the entire project will be running remotely, unless the existing restrictions are removed.

The Supervisory Team are from across the FutureCat Consortium and will be able to give you fantastic support.

Names:

University of Sheffield

Professor Serena Corr (FutureCat Lead Academic, Chair in Functional Nanomaterials, CBE)

Elinor Noble (FutureCat Project Administrator)

Dr Beth Johnston (FutureCat Research Fellow)

Katja Kress (FutureCat PhD Researcher)

Lancaster University

Dr Abby Haworth (FutureCat Research Fellow)

Science Technology & Facilities Council

Dr Gabriel Perz (FutureCat Research Fellow)

UCL

Jiayi Cen (FutureCat Phd Researcher)

Eligibility

In order to partake in the project you must be:

- A full-time registered undergraduate student at a UK university
- Undertake the internship within the years of undergraduate study (i.e. not be currently in your final year)



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Funding

A salary of £9.30/hour across the UK or £10.75/hour in London will be provided. This will be determined by the working address of the appointee not the universities location. The internship is a full-time role for 8 weeks beginning in early June. The funding is provided by [The Faraday Institution](#).

During the term of the project, you'll also be able to attend Faraday Masterclasses, and FUSE cohort events focusing on a variety of topics to further develop your understanding of career opportunities in battery research. At the end of the programme, you'll be invited to participate in a Faraday Institution event to share a poster on your work with UK battery researchers and industry partners. Prizes will be awarded.

The proposed start date is **1st June** with a potential end date mid-August, but there is flexibility and the exact dates can be agreed with the supervisory team.

Next steps:

If you have any queries contact Elinor Noble at futurecat@sheffield.ac.uk

Please complete this form or scan the QR code below by **Tuesday 4th May** to apply:

<https://www.surveymonkey.co.uk/r/FCatOutreach>

For Project information please go to <https://futurecat.ac.uk>



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