

6 PhD Studentships



Funding for six 3 year PhDs covering tuition fees at UK/EU rate and an annual stipend of £13,726. Non-EU citizens are allowed to apply, but they have to provide evidence they can cover the additional funding needs.

The Institute for Agri-Food Research and Innovation (IAFRI) is a joint venture between [Newcastle University](#) and [Fera Science Ltd](#) (Fera). The aim is to deliver innovation in research across the agri-food supply chain, and provide sustainable solutions to problems facing Fera's diverse customer base in both the agricultural and food sectors.

IAFRI represents a new model for how universities can work with research organisations, operating under a private-public ownership approach to deliver both innovation and wealth creation in strategically important industrial sectors in the UK and while operating for the benefit of society.

A maximum of 6 studentships will be awarded selected from a total of 9 studentship projects that are available to choose from based on IAFRI's current studentship themes:

Diagnostic and decision systems for Agriculture:

- Determining diagnostic decision support preferences in agriculture
- Linking agricultural datasets to improve agricultural production
- Applying microbial community profiling to identify piglets likely to benefit from management interventions

Functional Foods:

- Bioavailability, physiological and potential cognitive effects of purple tea as a novel functional food
- Determination of glucosinolates and relevant metabolites in vegetables and human tissues
- Bioefficacy and consumer acceptance of vitamin D enriched eggs for human health

Risk management tools for the agri-food industry:

- Microbiological risk management tools for fruit and vegetable growers
- Modelling Food Security – the impacts of multiple drivers on outcomes
- Nudging Food Safety in the marketplace

Full details of each project can be found at www.ncl.ac.uk/iafri/learning/phdopportunities.htm

Further Details:

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How to apply:

You must apply through the [University's online postgraduate application form](http://www.ncl.ac.uk/postgraduate/apply) (www.ncl.ac.uk/postgraduate/apply). Only mandatory fields need to be completed. However, you will need to include the following information:

- insert the programme code **8010F** in the programme of study section
- select 'PhD Agriculture Food and Rural Development – Agriculture' as the programme of study
- insert the studentship code **AG028** in the studentship/partnership reference field
- attach a covering letter and CV. The covering letter must state the title of the studentship, quote reference code **AG028** and state how your interests and experience relate to the project
- attach degree transcripts and certificates and, if English is not your first language, a copy of your English language qualifications

You should also [email](#) your covering letter and CV to Mr Steven Hall.