



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Assistant in Food Foams, School of Food Science and Nutrition



Salary: Grade 6 (£26,052 – £31,076 p.a.) Due to funding limitations, an appointment will not be made above £26,052 p.a.

Reference: MAPFS1056

Closing date: 8 August 2017

Fixed term for 5 months due to external funding

Research Assistant in Food Foams

School of Food Science and Nutrition, Faculty of Mathematics and Physical Sciences

Are you an early career researcher looking for your first challenge? Do you have a background in food colloids sciences? Do you want to further your career in one of the UK's leading research intensive universities?

As a Research Assistant, you will work on the measurement of the stability of bubbles to coalescence and disproportionation in concentrated sugar media of high viscosity, using a range of microscopy and surface chemistry techniques. The project has a strong industry link, and you will interact effectively with industry in reporting and planning the work. You will also be required to write a significant written report after five months in the role.

Based in the Food Colloids and Processing group in the School of Food Science and Nutrition you will draw on and develop a range of skills in light, confocal and/or electron microscopy, particle size analysis, image analysis and surface tensiometry.

You will have a first degree/Masters in Food Science or a closely allied discipline and experience of working in a laboratory environment. You will be enthusiastic and proactive, with excellent communication skills and the ability to build strong relationships with collaborators within the University and externally.

What does the role entail?

As a Research Assistant your main duties will include:

- Contributing to the "Pickering stabilization in caramels" project, as directed by Professor [Brent Murray](#);
- Generating original ideas based on the outcome of analysis, in collaboration with Professor Murray and the Food Colloids & Processing Research Group;
- Contributing to the dissemination of research results in leading peer-reviewed journals and through presentation at meetings and conferences, with guidance as necessary;
- Supporting the activities of the research group to ensure a successful programme of investigation, including participation at group meetings and seminars;



- Providing support and advice to other members of the group, and assisting in the supervision of students;
- Working both independently and as part of a larger team of researchers and stakeholders;
- Continually updating your knowledge, understanding and skills in the research field in which you work.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Research Assistant you will have:

- A first degree/Masters in Food Science or a closely allied discipline;
- Experience in light, confocal and/or electron microscopy; particle size analysis; image analysis and surface tensiometry, plus some experience of working in or with industry on applied food processing problems;
- Evidence of contributing to papers in internationally recognised, peer-reviewed journals or evidence of publishable research in progress;
- Good interpersonal and communication skills, both written and verbal and the ability to communicate effectively with a wide range of stakeholders;
- Good time management and planning skills, with the ability to meet tight deadlines;
- A proven ability to work well both independently and as part of a team;
- The ability to work accurately and carefully;
- A strong commitment to your own continuous professional development.

You may also have:

- A PhD (or close to completion) in Food Colloids or a closely allied discipline.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information. Applications should be submitted by **23.59** (UK time) on the advertised closing date.



Contact information

To explore the post further or for any queries you may have, please contact:

Professor Brent Murray, Professor of Food Colloids

Tel: +44 (0)113 343 2962

Email: b.s.murray@leeds.ac.uk

Additional information

Working at Leeds

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

A diverse workforce

The Faculty of Mathematics and Physical Sciences is proud to have been awarded the [Athena SWAN Bronze Award](#) from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our [equality and inclusion webpage](#) provides more information.

Candidates with disabilities

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

Rehabilitation of Offenders Act 1974

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations on our [Criminal Records](#) information page.

