



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Research Fellow, Faculty of Medicine and Health



Salary: Grade 7 (£33,797 – £40,322 per annum pro rata)

Maximum of £39,152 (pro rata) can be paid due to funding restrictions

Reference: MHLCM1241

Closing date: 21st March 2021

Full-time fixed-term for 6 months

We will consider job share and flexible working arrangements

Research Fellow
Faculty of Medicine and Health
Leeds Institute of Cardiovascular and Metabolic Medicine

Are you an ambitious researcher looking for your next challenge? Do you have a background in environmental toxicology? Do you want to further your career in one of the UK's leading research intensive Universities?

You will be required to work on a project to investigate the association between aflatoxin exposure and child malnutrition as part of the larger CHAIN consortium. The work will primarily consist of assessing the aflatoxin exposure of malnourished children by measuring aflatoxin albumin levels using an in-house ELISA.

The post will be based within the LIGHT Laboratories. You should have completed a relevant first degree in an area related to medicine or health, and be familiar with ELISA, preferably for the measurement of biomarkers of environmental exposure. You must be able to demonstrate good laboratory research experience.

You will be self-motivated, responsible, be working to a high standard of efficiency and be willing to meet deadlines. Applicants must be willing to work as an active team member and to undertake other ongoing research activities within the group as the project develops. Excellent communication and organisational skills are required.

You will also have completed a postgraduate degree in a biomedical science, ideally with experience of environmental exposures in low and middle income countries.



What does the role entail?

As Research Fellow your main duties will include:

- Working with and in support of Dr Routledge's research grant to ensure the project is successfully completed;
- Generating and pursuing original research ideas in the appropriate subject area;
- Developing research objectives and proposals and contributing to setting the direction of the research project and team including, where appropriate preparing proposals for funding in collaboration with colleagues;
- Evaluating methods and techniques used and results obtained by other researchers and to relate such evaluations appropriately to your own work;
- Communicating or presenting research results through publication or other recognised forms of output;
- Preparing papers for publication in leading international journals and independently writing reports;
- Working both independently and also as part of a larger team of researchers, engaging in knowledge-transfer activities where appropriate and feasible;
- Maintaining your own continuing professional development and acting as a mentor to less experienced colleagues as appropriate;
- Contributing to the research culture of the School, where appropriate;
- Contributing to the training of both undergraduate and postgraduate students, where appropriate, including assisting with the supervision of projects in areas relevant to the project.

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.

You will report to Dr Michael N Routledge, Associate Professor of Environmental Toxicology.



What will you bring to the role?

As Research Fellow you will have:

- A first degree and PhD (or close to completion, meaning submitted initial version of thesis at point of application) in biomedical health or a closely allied discipline;
- A strong background in environmental toxicology, preferably in the field of mycotoxin research;
- Demonstrated experience of conducting research;
- Experience in measuring biomarkers of mycotoxin exposure;
- Proven ability to write to the standard required for research reports/international publications;
- Good time management and planning skills, with the ability to meet tight deadlines and work effectively under pressure;
- Excellent written and verbal communication skills including presentation skills and the ability to communicate effectively with a wide range of stakeholders;
- Proven ability to manage competing demands effectively, responsibly and without close support;
- A proven ability to work well both individually and in a team;
- A strong commitment to your own continuous professional development.

You may also have:

- A track record of successful, high quality, publications on mycotoxin research in relation to human health.
- Experience of working on international collaborative projects

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. 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:
Dr Michael N Routledge, Associate Professor of Environmental Toxicology
Tel: +44 (0)113 343 7763; Email: M.N.Routledge@leeds.ac.uk

Please note: If you are not a British or Irish citizen, from 1 January 2021 you will require permission to work in the UK. This will normally be in the form of a visa but, if you are an EEA/Swiss citizen and resident in the UK before 31 December 2020, this may be your passport or status under the EU Settlement Scheme.

Additional information

Find out more about the [Faculty of Medicine and Health](#) and the [School of Medicine](#)
Find out more about the [Leeds Institute of Cardiovascular and Metabolic Medicine](#)
Find out more about [Athena Swan](#) in the Faculty.

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.

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 in our [Criminal Records](#) information page.

