



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Senior Research Technician (Instrument Specialist), School of Food Science and Nutrition



Salary: Grade 6 (£30,487 - £36,024 p.a)

Reference: ENVFS1111

We will consider job share/flexible working arrangements

Senior Research Technician, School of Food Science and Nutrition, Faculty of Environment

The post-holder will oversee and manage the day-to-day running of chromatographic and related equipment located across the School. In addition, you will provide general support across a range of research laboratories in the School as necessary.

You will be responsible for maintaining the equipment, organising servicing as required, carrying out training and, where necessary, supervising users. You will produce SOPs and risk assessments as required. You will ensure that the equipment is used safely and efficiently. You will be expected to be a source of information on the latest equipment available and its use, partly through attending training courses as necessary.

You will supervise undergraduate and taught postgraduate student research projects and fulfil grant and commercial projects on Chromatography equipment

The post-holder will have an ability to communicate well with students and staff at all levels and an ability to work on their own initiative to set deadlines.

This role is campus based, 5 days per week

What does the role entail?

As a Senior Research Technician, your main duties will include:

- Manage the day-to-day planning, organisation and use of chromatographic equipment (LCMS, HPLC, GCMS, SEC and ion chromatography) in the School Research Laboratories and shared LCMS in LICAMM
- Provide laboratory inductions and instrument training for new users via detailed written and verbal explanations; maintain records of training given; supervise equipment use where necessary;
- Organise or carry out repair of faulty equipment when required and carry out routine maintenance on relevant equipment;
- Organise, including formulating costings, and carry out experimental analysis for funded research or commercial projects;



- Be a source of information and advice on use and appropriateness of the chromatography equipment, including method development and data analysis;
- Purchasing of new laboratory apparatus, consumables and capital equipment;
- Contribute to the management of Health & Safety in the laboratories (waste & spill management, COSHH, gas cylinder and cryogenics safety, first aid etc.);
- Produce and maintain SOPs and risk assessments/COSHH forms as necessary;
- General 'housekeeping' support and advice for research laboratories;
- Assist with equipment access management and data management utilising the School booking system and networking arrangements with IT Services;
- Organise and arrange for correct disposal of waste solvents produced by the relevant equipment and other laboratory processes;
- Co-supervision of undergraduate and taught postgraduate research projects in laboratories;
- Communicate and network with staff within the School and Faculty at meetings and committees;
- Support Chromatography related Teaching Laboratory Practicals in the School as directed, supervising students where needed;
- Manage and prioritise own day to day work to ensure tasks are completed in a timely manner;
- Contribution to University Sustainability objectives by supporting LEAF and Blueprint schemes in research laboratories to and take a lead in laboratory sustainability.

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, and with the requirement of the School.

What will you bring to the role?

As a Senior Research Technician you will have:

- A BSc in Biochemistry, Analytical Chemistry or related area, or BTEC higher level (or equivalent) in a relevant subject, or equivalent working experience within a scientific research or teaching environment;
- Experience of using and maintaining HPLC or LC-MS or GC-MS or SEC;
- Experience of working in a Research Laboratory environment;



- Ability to work collaboratively and with people from different scientific/technical backgrounds;
- Experience of working on costed research grant / commercial projects both short and long term
- Ability to work independently as well as part of a team;
- Good inter-personal and communication skills;
- Good organisational abilities; ability to work accurately, efficiently, and prioritise and manage deadlines;
- Interest and ability to learn and adapt to new technical/research situations;

You may also have:

- Experience of purchasing equipment and costing equipment on projects
- Experience in teaching/supervising at BSc, MSc and PhD levels;

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:

Mr Miles Ratcliffe

Email: M.Ratcliffe@leeds.ac.uk

Additional information

Find out more about the [Faculty of Environment](#).

Find out more about the [School of Food Science and Nutrition](#)

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.

