



## Lead Research Technician (Project SIBLING)

Faculty of Life Sciences

Analytical Centre



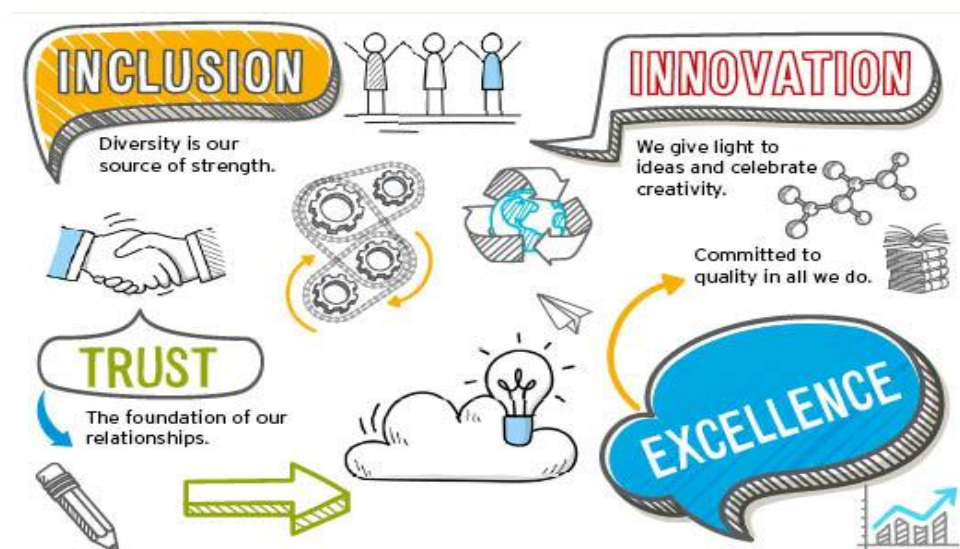
## Brief summary of the role

Role title:	Lead Research Technician (Project SIBLING)
Grade:	6
Faculty or Directorate:	Life Sciences
Service or Department:	Analytical Centre
Location:	Main Campus
Reports to:	Project Lead and Research Technical Manager
Responsible for:	N/A
Work pattern:	1.0 FTE, full time. Flexible working possible.

# About the University of Bradford

## Values

At the University of Bradford, we are guided by our core values of Excellence, Trust, Innovation, and Inclusion. These values shape our approach and our commitment to making diversity, equity, and inclusion part of everything we do – from how we build our curriculum to how we build our workforce. It is the responsibility of every employee to uphold the university values.



## Equality, Diversity, and Inclusion (EDI)

At the University of Bradford, we are guided by our core values of Excellence, Trust, Innovation, and Inclusion. These values shape our approach and our commitment to making diversity, equity, and inclusion at the heart of everything we do.

We foster a work environment that's inclusive as well as diverse, where staff can be themselves and have the support and adjustments to be successful within their role.

We are dedicated to promoting equality and inclusivity throughout the university and have established several networks where individuals can find support and safe places fostering a sense of belonging and acceptance. We are committed to several equality charters such as Athena Swan, Race Equality Charter, Disability Confident and Stonewall University Champions Program..

## Health, safety, and wellbeing

Health and Safety is a partnership between employee and employer each having responsibilities, as such all employees of the University have a statutory duty of care for their own personal safety and that of others who may be affected by their acts or omissions.

It is the responsibility of all employees that they fulfil a proactive role towards the management of risk in all of their actions. This entails the risk assessment of all situations, the taking of appropriate actions and reporting of all incidents, near misses and hazards.

Managers should note they have a duty of care towards any staff they manage; academic staff also have a duty of care towards students.

All colleagues will need to ensure you are familiar with any relevant Health and Safety policies and procedures, seeking advice from the Central University Health and Safety team as appropriate.

We are registered members of the University Mental Health Charter. This visibly demonstrates our commitment to achieving cultural change in student and staff mental health and wellbeing across the whole university, whilst supporting the vision of our People Strategy to create a culture and environment of transformational diversity, inclusion and social mobility, creating a place where our values come to life and are evident in our approach.

## Information governance

Employees have a responsibility for the information and records (including student, health, financial and administrative records) that are gathered or used as part of their work undertaken for the University.

An employee must consult their manager if they have any doubts about the appropriate handling of the information and records with which they work.

All employees must always adhere to data protection legislation and the University's policies and procedures in relation to information governance and information security.

Employees will be required, when and where appropriate to the role, to comply with the processing of requests under the Freedom of Information Act 2000.

## Criminal record disclosures and working with vulnerable groups

Depending on the defined nature of your work and specialist area of expertise, the University may obtain a standard or enhanced disclosure through the Disclosure and Barring Service (DBS) under the Rehabilitation of Offenders Act 1974.

All employees of the University who have contact with children, young people, vulnerable adults, service users and their families must familiarise themselves, be aware of their responsibilities and adhere to the University's policy and Safeguarding Vulnerable Groups Act 2006.

The University is committed to protect and safeguard children, young people and Vulnerable Adults.

Suitable applicants will not be refused positions because of criminal record information or other information declared, where it has no bearing on the role (for which you are applying) and no risks have been identified against the duties you would be expected to perform as part of that role.

## Role holder: essential and desirable attributes

### Qualifications

<b>Essential</b>	<ul style="list-style-type: none"><li>• GCSE English and Maths or equivalent.</li><li>• Level 3 qualification or higher in a related discipline or equivalent experience.</li></ul>
<b>Desirable</b>	<ul style="list-style-type: none"><li>• Good honours life science degree or equivalent recognised qualification</li><li>• Membership of a professional body (e.g. RSC)</li></ul>

### Experience, skills, and knowledge

<b>Essential</b>	<ul style="list-style-type: none"><li>• Experience of operations in a chemical laboratory environment.</li><li>• Completion of project(s) including a major component of independent work.</li><li>• Preparation of risk assessments for chemical laboratory environments, including COSHH.</li><li>• An understanding of analytical chemical methods including the ability to perform appropriate calculations for data interpretation</li></ul>
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	<ul style="list-style-type: none"> <li>• Experience of collaborative working in a relevant environment, to achieve team objectives.</li> <li>• An ability to work using your own initiative and to resolve day to day issues.</li> <li>• Good data management, analytical and computing skills including working with Microsoft office, e-mail and web based applications</li> <li>• Clear written and oral communication skills.</li> <li>• Experienced in health and safety procedures, including COSHH and contributing to risk assessments, within a life sciences laboratory environment.</li> <li>•</li> </ul>
<b>Desirable</b>	<ul style="list-style-type: none"> <li>• Experience of undertaking an extended, independent research project.</li> <li>• Performing analytical studies within a quality-controlled environment.</li> <li>• Advanced operational experience of analytical instrumentation.</li> <li>• Participation in research or development projects, including working in team-situations.</li> <li>• Good understanding of Project Management.</li> </ul>

## Personal attributes

<b>Essential</b>	<ul style="list-style-type: none"><li>• An ability to manage and respond to conflicting deadlines.</li><li>• Flexibility and willingness to learn new skills.</li><li>• Demonstrable evidence of commitment to professionalism, including the development of relevant skills, knowledge and experience.</li><li>• Ability to role model the University's commitment to Equality and Diversity.</li><li>• Encouraging participation and openness.</li><li>• Encouraging creativity and innovation.</li><li>• Supporting academic freedom and respecting the right to express diverse points of view;.</li><li>• Providing equal opportunities for all staff and students to achieve their full potential;.</li><li>• Applying the best ethical standards in everything we do.</li></ul>
<b>Desirable</b>	<ul style="list-style-type: none"><li>• Ability to forward plan and be pro-active.</li></ul>

## Main purpose of the role

To perform (and lead where appropriate) support activities associated with delivering analytical projects coming from the Scientific Instrumentation for Business Leadership, Innovation and Growth (SIBLING) project, which is partially funded by the UK Shared Prosperity Fund (UKSPF). Project SIBLING.

The post holder will possess a strong chemical / analytical sciences background in order to support the activities of the Project.

The postholder will contribute to wider project activities in support of delivery of the project as a whole e.g., participating in launch / closure events and in any training, activities delivered to external clients.

## Main duties and responsibilities

*Note: The list below may vary to include other reasonable requests (as directed by university management) which do not change the general character of the job or the level of responsibility entailed.*

1. To cooperate with other specialist technicians in the Analytical Centre and across the School/ Faculty to help deliver SIBLING projects and display the necessary skills to communicate results in the area of analytical sciences.
2. To work alongside other specialist technicians to ensure the smooth running of the Analytical Centre on a day-to-day basis and act independently to maintain equipment (routine and advanced maintenance) and consumable stocks (evaluating the most cost effective mechanisms). To use analytical instrumentation and chemical techniques independently. Assist in the identification and characterisation of experimental models under the guidance of experienced research staff .
3. Perform critical data analysis of experimental data collected by themselves under academic direction.
4. To communicate any laboratory issues to technical leads, professional services and update supervisors of potential delays which may impact on their work.
5. To work in accordance with HSE guidance relating to Class II laboratories, developing, reviewing Standard Operating Procedures (SOPs), Safe Systems of Work (SSOW) documents and COSHH/risk assessments, relevant to their role and in accordance with instruction or training received.

6. To work with other academics and other specialist technicians to ensure the smooth running of laboratories on a day-to-day basis, such as equipment and laboratory maintenance, stock control and ordering.
7. To use advanced analytical instrumentation independently and act as the first point of contact for instruments in own area of expertise.
8. To perform experimental work within recognised frameworks of Quality Assurance e.g. Good Laboratory Practice (GLP).
9. To independently resolve any instrumentation issues in the Centre, where possible, and relate to their supervisor any others within an appropriate time-frame. Where necessary, liaise with OEM (or suitable alternatives) for fault diagnosis / troubleshooting, and ensure adequate and timely servicing of equipment.
10. To work within a grouping of technicians that provides support across the Faculty of Life Sciences
11. Ensuring that health and safety requirements are adhered to, including special requirements for minimising chemical hazards.
12. Provide guidance and supervise the work tasks of less experienced colleagues, assisting with their development to support the achievement of their objectives.
13. To provide flexibility when required, giving technical support to other areas within FoLS as required.
14. Work as a member of a wider Faculty Team to fulfil duties commensurate with the grade and nature of the post.
15. Maintain and actively pursue continual professional development.