



Job Title: Research Associate

Grade: 7

Salary: £39,355 to £42,822 per annum, due to external funding restrictions, pro-rata if part-time

Department: Chemistry

Hours/Contract: Full-time, fixed term contract to 31 March 2027

Reference: 11440

Role Purpose

In this role you will develop and carry out your own research whilst contributing as a team member to a wider research programme.

Main Duties and Responsibilities

- As a Postdoctoral Research Associate you will be expected to take a leading role in experimental design and in determining the direction of the program in line with reaching the research goals of the research project. You will be developing independent research skills and providing guidance to the other members of the team. Specifically, you will be expected:
 - to develop and carry out an independent original research programme, giving guidance to other members of the team.
 - to plan and carry out the work programme for own research contribution, using methodology and techniques appropriate to this type of research.
- To contribute to directing the work of the research team including prioritisation of tasks.
- Writing up research findings for dissemination amongst the research team and broader international community.
- Analysis of data and extrapolation of new themes of research.
- To take a lead in presenting results at scientific meetings in the UK and overseas.
- To participate in general laboratory activities to ensure the efficient functioning of the lab.
- To adhere to health and safety procedures affecting self and others at all times and to help the lab safety officer enforcing good safety practice in the lab.
- To assist with the training of new members of the lab, including undergraduate students.
- To undertake such duties consistent with the grade of the post as may be reasonably required.

Internal and External Relationships

- Academic group leader regarding progress of the project, daily.
- Academics, post-doctorates, post-graduates and technicians within the laboratory to liaise on a daily basis regarding availability of equipment and materials, exchange of information.





- Other members of the department for critical discussion of the research and exchange of new ideas and approaches that might benefit the research.

Planning and Organising

Plan research activity as outlined in the project proposal

Qualifications, Knowledge and Experience

Essential

- A PhD degree, or be close to completing a PhD, in Chemistry, Biochemistry, Cell Biology or a related subject*
- Experience/knowledge of biological chemistry, specifically on the reactivity of biological aldehydes with biomolecules such as proteins*
- Experience and skills in organic synthesis, NMR, mass spectrometry and enzymology*
- Evidence of research productivity (e.g. research publications in peer review journals, presentations, etc.)*

Desirable

- Experience in the assignment and quantitative analysis of spectroscopic data.
- Experience in writing scientific manuscripts.
- Experience of collaborative/interdisciplinary research
- Experience in supervising students.

Skills, Abilities and Competencies

Essential

- Proven analytical and technical/scientific problem-solving capability.
- Ability to plan, implement and deliver programmes of work.
- Ability to work well in a team.
- Good written* and oral communication skills
- Effective interpersonal skills.
- The ability to demonstrate leadership skills throughout the team including problem solving (e.g. methodology and techniques)
- Evidence of continued personal development of subject expertise
- Ability to communicate complex information clearly
- Effective planning and organisational skills
- To be able to demonstrate research potential and enthusiasm of the subject area and deliver high quality research
- To be able to prioritise, plan, organise and deliver a programme of work effectively and to the required standard
- Well-developed understanding of Health and Safety regulations and procedures.

****Criteria to be used in shortlisting candidates for interview***





Reason for Fixed Term Contract

The reason for the fixed term contract is stated in section 1.9 in the summary of contractual terms in your contract of employment.

Criminal Declaration

If you become an employee, you must inform your manager immediately, in writing, if you are the subject of any current or future police investigations/legal proceedings, which could result in a criminal offence, conviction, caution, bind-over or charges, or warnings.

Supporting University Activities

As a University of Leicester citizen, you are expected to support key university activities such as clearing, graduation ceremonies, student registration and recruitment open days. We expect all staff as citizens to work flexibly across the University if required.

University Values

Inclusive - We are diverse in our makeup and united in ambition. Our diversity is our strength and makes our community stronger.

Inspiring - We are passionate about inspiring individuals to succeed and realise their ambitions. We challenge our community to think differently, to get involved, and to constantly embrace new ideas.

Impactful - As Citizens of Change we will generate new ideas which deliver impact and empower our community

Equity and Diversity

We believe that equity, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equity support our efforts to attract a diverse range of high quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equity, diversity and inclusion.

