

Job Title: Research Associate

Grade: 7

Salary: £39,906 to £46,049 per annum, pro-rata if part-time

Department: Public Health and Epidemiology

Hours/Contract: Full-time, or job share considered, fixed term contract from 1 April 2026 to 28 February 2029

Job Family: Teaching and Research

Reference: 12993

Role Purpose

The project involves analysing relationships between air pollution exposure and health outcomes. The successful candidate will therefore have experience of analysing population health datasets and air quality datasets as well as the use of GIS for environmental exposure assessment. They will hold specific responsibilities within an established research programme and need to work collaboratively and independently as part of a research team to achieve defined milestones and produce high quality research outputs.

Main Duties and Responsibilities

Research

- To undertake a specific role in the research project or projects, taking responsibility for some element(s) of the planned research
- To lead in the collection, evaluation and interpretation of the research data, and work autonomously to attain project milestones.
- To contribute to the development of the choice of techniques, critiques, approaches, models and methods.
- To contribute to the overall research programme using innovative research models, novel approaches and techniques.
- In agreement with the line manager, liaise with project collaborators to progress the research
- To lead in writing up research findings for dissemination amongst the research team and broader international community, and develop ideas and contributions for future grants, technical outputs.
- To represent the research group by disseminating results/findings at national and international conferences and broader community.
- To contribute to research outputs as a co-author to journal articles, technical papers, monograph, book chapter.
- To develop and carry out a plan to extend an area of personal research, or contribute as a team member to the development of a broader programme, this may include contributing to the writing of research bids/grants.





- With the support of colleagues, identify opportunities to apply for fellowships and/or further project grants
- To provide guidance to other staff and students (involved in the research programme).
- To actively seek opportunities to carry out multi-disciplinary research with other research groups at the University or stakeholders external to the University, with the approval of the Principal Investigator (PI).

Professional Development

- Duties and opportunities to engage in work that support your own professional development.

Impact and Knowledge Exchange

- Network and contribute to the maintaining and furthering of the wider research programme and research area
- To contribute to industry collaborations
- To consult effectively on own specialism directly with people external to the University
- To engage positively and pro-actively in research impact

Leadership and Citizenship

- Guidance to other team members both research staff and students
- Pro-actively build networks and collaborations.
- Providing mentoring and coaching to Early Career Researchers and research students.

Internal and External Relationships

- To hold and attend regular meetings with members of the programme research group
- To meet members of the department for critical discussion of the research and exchange of new ideas and approaches that might benefit the research
- To liaise with external collaborators

Planning and Organising

To effectively manage your time to plan your research activity and to deliver on the priorities of the project, specifically to:

- Prioritise tasks within agreed work schedules;
- Plan for specific aspects of research incorporating issues such as deadlines, project milestones and overall research aims;
- Adapt daily and weekly plans to accommodate new developments and be flexible to





the changing priorities of the research project

Qualifications, Knowledge and Experience

Essential

- PhD (or near completion) or equivalent in appropriate discipline or the equivalent professional qualification and experience *
- Evidence of a contribution to peer-reviewed journal papers or equivalent e.g technical report/writing a piece of software *
- Evidence of proven analytical problem-solving capability *
- Expertise in relevant approaches/models and analytical techniques and ability to develop new ones where required.
- Experience in handling, and analysis of administrative datasets for population health assessments.
- Knowledge of air quality monitoring techniques, air quality data analysis and interpretation

Desirable

- Experience in handling in secure environment administrative datasets for population health assessments.
- Knowledge on policy regulation for outdoor air quality.

Skills, Abilities and Competencies

Essential

- Willingness and ability to work with internal and external stakeholders*
- Evidence of continued development of subject expertise*
- Excellent communication skills – written and verbal evidenced by the ability to communicate complex information *
- Evidence of working effectively as part of a team and the ability to work independently *
- Use of Geographic Information Systems (GIS) for spatial analysis and for map creation in environmental exposure and health research.
- Evidence of working towards independence and ability to be involved in collaborative research
- Evidence and commitment to Continuous Professional Development (CPD) for yourself, and encourage commitment to learn and develop in others
- Able and will to be a collegiate member of a research team
- Ability to apply statistical techniques and build analytical models.

Desirable

- Budget management skills

****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 and Disclosure and Barring Service (DBS).

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.

This post is exempt from the Rehabilitation of Offenders Act 1974 because the appointee will have substantial access to young people and/or vulnerable adults. Therefore, an appointment to this post will be subject to checking through the Disclosure and Barring Service (DBS). The successful applicant for this post will, therefore, be required to give consent for the University to check and obtain appropriate clearance with the DBS for the existence and content of any criminal record in the form of a Standard Disclosure.

Information received from the DBS and the police will be kept in strict confidence and will be destroyed once the University is satisfied in this regard.

Supporting University Activities

As a University of Leicester citizen, you are encouraged to support key university activities such as clearing, graduation ceremonies, student registration and recruitment open days. We encourage all staff as citizens to work flexibly across the University if required. If supporting these activities is likely to affect your workload, please speak to your line manager in the first instance

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

Freedom of Speech

The University is committed to upholding freedom of speech and academic freedom within the law throughout our recruitment processes. We ensure that all candidates are considered based on merit and suitability for the role, without regard to their lawful viewpoints or the expression of challenging or controversial ideas. Our recruitment policies and practices are designed to protect applicants from discrimination or adverse treatment on the basis of their opinions, and to foster an environment where open debate and diverse perspectives are valued as essential to our academic mission.

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 equality 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 equality, diversity and inclusion.

