



Job Title: Research Associate

Grade: 7

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

Department: School of Chemistry

Hours/Contract: Full-time or job share, fixed term contract, one for 12 months and one for 24 months

Reference: 13406 and 13407

Role Purpose

Provide high level research skills through personal expertise and contribution to research team of Prof. Piletsky in EU Genesis project that involves 60 European partners. Work on EU project, write reports, attend meetings, while also undertaking co-supervision of undergraduate, postgraduate and PhD students. Take a leading role in the research group, including laboratory management, organising group meetings, preparing research papers for publication, and presenting findings at international conferences.

Main Duties and Responsibilities

Research

- Responsible for personal and collaborative research, resulting in significant contributions to project deliverables, scholarly articles and research papers suitable for publication, and conference presentations in area of molecularly imprinted polymers and electrochemical sensors.
- Contributing to research proposals and writing of bids.
- Contributing, as an experienced researcher, to determining the direction of the programme in line with reaching the research goals. This will include elements of research planning, project management and the organisation of research group meetings.
- Co-supervision of research students and provision of advice and guidance to other members of the team, both research staff and students including a mix of a desk-based and lab based research.
- Contribute to the overall research programme, testing and developing research strategies to enable work to be carried out that will result in the emergence of new understanding within the research field.
- Representing the research group at external meetings, project review meetings and workshops so as to improve the reputation of the group and that of the role holder.
- In agreement with the line manager, liaise with project collaborators to progress the research.

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

- Establish/maintain collaborations with other researchers at the University of Leicester, nationally and internationally.
- Participate in School/departmental and university-wide seminar and public engagement activities to stimulate dissemination of information and collaboration.
- Disseminate results at national and international conferences.

Planning and Organising

- Plan and organise own research programme in designated area.
- Plan and co-ordinate research with collaborators.
- Plan and organise dissemination of information to both highly specialised academics and the lay public.
- Plan, organise and submit grant applications for further and supplementary funding.

Qualifications, Knowledge and Experience

Essential

- PhD awarded in Chemistry (or related subjects) or a PhD in Analytical Chemistry (or related subjects)*
- Evidence of a contribution to peer-reviewed journal papers*
- Knowledge and practical experience of molecularly imprinted polymers, general polymerization chemistry, nanotechnology and assays/sensors*
- Extensive laboratory experience in wet-chemistry and polymerization techniques*
- Capability to develop novel techniques and products

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
- 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
- Collegiate member of a research team

**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 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.

