

JOB DESCRIPTION

Job Title:	Postdoctoral Research Fellow - Formulation	Grade:	AC2
Department:	School of Science	Date of Job Evaluation:	March 2024
Role reports to:	Pro Vice Chancellor (FES)	SOC Code:	n/a
Direct Reports:	n/a		
<p>This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.</p>			

PURPOSE OF ROLE:

The main purpose of the role is to conduct independent high-quality research and enterprise in the area of surfactant science. The person appointed will be expected to:

- Engage in independent research and enterprise in the area of surfactant and polymer solution characterisation using pulsed-gradient spin-echo NMR, and in so doing contribute to the research profile of the Department/School and to the 2028 REF submission of the Materials (or similar) research group
- Contribute research leadership in a subject area and help build the reputation and impact of that research across the faculty, University and more widely
- Contribute to the delivery of high quality, innovative and effective education and training in the specialist areas of research and enterprise
- Contribute to the effective operation of the research group and any associated facilities.

KEY ACCOUNTABILITIES:

Team Specific:

- Engage in subject specific research leading to the publication and/or dissemination of original work at levels of national and international excellence as a leading or contributing author.
- Contribute to the research profile of the academic unit and to the REF submission of Materials research group.
- Provide leadership and scientific direction of individual work packages within the Structured Formulation Team, via a range of research and enterprise projects under the leadership of an overall Principal Investigator (PCG).
- Act as lead investigator for medium scale research and enterprise initiatives.
- Disseminate research and enterprise findings at targeted national and international conferences, including invited presentations.

- Engage with the national or regional public/cultural sectors/business, industry/professional bodies in relation to research or enterprise.
- Contribute to the delivery of high quality, innovative and effective education, and training in specialist areas of research and enterprise and integration of research and enterprise into teaching or training materials.
- Supervise undergraduate and masters research projects that contribute to the programme of work of the Research Fellow.
- Proactive contribution to research group/department/school plans, activities and efficient working practices.
- Promote your work and represent your discipline and the work of the University internally and externally.
- Contribute to the continuous improvement of the student experience.
- Effective cross working with Professional Services to support students.
- Contribute to relationship management and engagement with key national or regional public/cultural sectors/business, industry/professional bodies in relation to research and/or enterprise.
- Supervise undergraduate and postgraduate students.
- Contribute to the general academic administrative work of the Department/School and Faculty.

Generic:

- Assist the Materials Research Group in achieving the Department/School's KPIs.
- Contribute to department/school plans, activities and efficient working practices.
- Participate, as appropriate, in visit to schools, local community groups, public engagements and related activity.
- Demonstrate a commitment to equality, diversity and inclusion through engagement with University initiatives.
- Promote your work and represent your discipline and the work of the University internally and externally, and take a proactive approach to ethical, good practice.

Managing Self:

- Keep abreast of developments within the field and seek continuous improvement of own professional practice.
- Actively participate in established professional development framework activities.
- Behave in a manner which reflects the University values and creates a positive environment for work and study.
- Maintain a high standard of student engagement and satisfaction.
- Seek to maximise the learning outcomes of students (as appropriate).

Core Requirements:

- Adhere to and promote the University's policies on Equality, Diversity and Inclusion and Information Security.
- Ensure compliance with Health & Safety and Data Protection Legislation.

- Support and promote the university's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising the shared responsibility of minimising the university's negative environmental impacts wherever possible.
- Adhere to current legal requirements and best practice relating to digital content and accessibility, including Web Content Accessibility Guidelines when creating digital content.

Additional Requirements:

Undertake any other duties as requested by the line manager or appropriate senior manager, commensurate with the grade.

This is a professional, demanding role within a complex organisation with an ambitious strategic plan and agenda for change. The role holder will be expected to show flexibility in working arrangements, including working hours, to ensure that the Faculty of Engineering and Science delivers the required level of service.

KEY PERFORMANCE INDICATORS:

Performance Indicators will be established in consultation with the Head of Department/School as part of the post-holder's annual Appraisal and Professional Development Review.

KEY RELATIONSHIPS (Internal & External):

Sponsors of the research (to be identified on appointment).

PERSON SPECIFICATION

Essential	Desirable
<p>Experience</p> <ul style="list-style-type: none"> • Independent subject specific research leading to the publication of original work in peer reviewed publications at the level of national and international excellence. • Successful leadership of research and/or enterprise projects. • Supervision of postgraduate research students. • Experience of winning and management of external funding or supporting winning of external funding. • Dissemination of research and/or enterprise findings at national and international conferences or symposia. • Specialist knowledge in the discipline to support the research area and to deliver some specialist teaching or training programmes and to contribute to the integration of research and/or enterprise into teaching or training programmes. • Engagement with national or regional public/cultural sectors/business/industry/professional bodies in respect of research. • Student care and pastoral provision. <p>Skills</p> <ul style="list-style-type: none"> • Specialist research skills appropriate to the appointment. • Ability to both work independently and (where appropriate) as part of a team. • Effective communication skills (including external audiences) 	<p>Experience</p> <ul style="list-style-type: none"> • Supervision of student research activities. • Supervision o.f Research Assistants • Successful Post-graduate Research Student completions. • Contribution to research administration at group or department/school level. • Some recognition of esteem by the academic community in the specific discipline. <p>Skills</p> <ul style="list-style-type: none"> • N/A

- Outstanding organisational, IT communication and interpersonal skills.

Qualifications

- PhD in Chemistry, Materials Science or related field.

Personal attributes

- We are looking for people who can help us deliver the [values](#) of the University of Greenwich: Inclusive, Collaborative and Impactful.

Qualifications

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Personal attributes

- N/A