

JOB DESCRIPTION

Job Title:	Senior Research Fellow	Grade:	AC3
Department:	Science	Date of Job Evaluation:	June 2024
Role reports to:	Professor of Synthetic Electrochemistry	SOC Code:	2119
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:

This role is based on a research project where electrosynthesis will be used to generate pharmaceutically relevant compounds as well as green hydrogen.

The main focus of the role is to generate a large body of high quality quantitative experimental data on well-defined electrochemical systems

In addition to research, the appointee will be expected to take some responsibility for the supervision and training of post-graduate and undergraduate research students and the day-to-day running of the laboratory

KEY ACCOUNTABILITIES:

Team Specific:

- Work proactively on specific research topics aligned with the funded project.
- Contribute to research leading to the publication and dissemination of original work.
- Contribute to the research profile of the academic unit and, for suitably qualified candidates, to the REF submission of the School of Science.
- Maintain effective, high quality and productive working relationships with professional bodies and employers.

Generic:

- Assist the Chemistry Team in achieving the School's KPIs.
- Contribute to School's plans, activities and efficient working practices.
- Participate in visits to schools, local community groups, public engagements and related activity.
- Demonstrate a commitment to equality, diversity and inclusion through teaching practice and 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:

- Develop expertise in research with an increasing degree of autonomy.
- 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.

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 deliver the required level of service.

KEY PERFORMANCE INDICATORS:

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

KEY RELATIONSHIPS (Internal & External):

- **Internal**
Reporting to Prof. Kevin Lam and to the Head of the School of Science
- **External**
Professional scientific bodies and the chemistry academic community

PERSON SPECIFICATION
Essential
Experience

- Substantial experience of Doctoral research experience.
- Strong background in Organic synthesis
- Spectroscopic characterisation (NMR, IR, etc.)

Skills

- Ability to work independently and with a diverse team
- Ability to, under guidance, complete independent work successfully
- Outstanding organisational, IT communication and interpersonal skills

Qualifications

- PhD in synthetic chemistry (or closely related) discipline.

Personal attributes

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

Desirable
Experience

- Background in Organometallic chemistry
- Background in Electrochemistry
- High-quality publications
- Initiating the development of Research bids

Skills

- Individual and collaborative income generation.
- Application for research funding and other bids.

Qualifications

- Membership of Royal Society of Chemistry

Personal attributes

- N/A