

Job Description

Job title	Research Associate
Department/School	Chemistry
Job family	Education and Research
Grade	7
Reporting to	Principal Investigator (PI) or Co-Investigator (CI)
Responsible for	Day to day supervision of other staff e.g. technical staff or co-supervision of doctoral or undergraduate students may be required.
Location	University of Bath premises

Job purpose
To provide subject-specific research expertise and undertake specific research work to a Principal Investigator (PI)/Co-Investigator (CI) and their research team for a specified grant / project.

Main duties and responsibilities	
	Responsible to the PI/CI for (as appropriate to discipline):
1	Conduct individual and/or collaborative research projects. Take a lead in the experimental design and execution of the project. Collect and analyse existing data related to the project using qualitative and/or quantitative techniques.
2	Writing up results of research and contributing to publishing of results in high-quality peer-reviewed academic literature.
3	Project management: e.g. timetabling and meeting project milestones; participating in regular discussions with collaborative partners. Liaise with key stakeholders/industrial partners and conduct focus groups.
4	Disseminating results of project as appropriate to the discipline e.g. by presentations at conferences, overseas research visits, public engagement activities.
5	Participate regularly in group meetings and prepare and deliver presentations to project team, internal and external stakeholders or funders.

6	Assist with the supervision of graduate students and undergraduate project students and the assessment of student knowledge.
7	Continually update knowledge and understanding in field or specialism to inform research activity.
8	Identify sources of funding and provide assistance with preparing bids to funding bodies. Contribute to securing of own funding e.g. travel grants.
9	Develop research objectives and proposals for own or joint research, with assistance of a mentor if required.
10	Disseminate knowledge of research advances to inform departmental teaching effort.

Person Specification

Criteria	Essential	Desirable
Qualifications		
A PhD degree in subject area of direct relevance for the project, or an equivalent professional qualification and significant relevant experience where applicable.	√	
Experience/Knowledge		
Post doctoral experience		√
Demonstrated significant depth and breadth of specialist knowledge of subject matter to contribute to research programmes and to the development of departmental research activities.	√	
Demonstrated awareness of latest developments in the field of research and in research design	√	
Demonstrated potential to publish in high quality, peer reviewed journals	√	
Skills		
Ability to prepare research proposals, to conduct individual research work and to disseminate results	√	
Ability to organise and prioritise own workload	√	
Ability to write research reports and to effectively disseminate outcomes	√	
Excellent oral, interpersonal and written communication skills	√	
Proficiency in experimental techniques (as appropriate to discipline)	√	
Proficiency in IT skills (as appropriate to discipline)	√	
Attributes		
Commitment to working within professional and ethical codes of conduct	√	
Innovation and developing creative solutions	√	
Enthusiasm and self-motivation.	√	
Organisation – able to plan and deliver work to meet required deadlines	√	

Tenacity – working to achieve own and team objectives and to overcome obstacles	✓	
Ability to be an effective team worker	✓	