

JOB DESCRIPTION

Senior Research Associate on Na-ion batteries (Faraday Institution's NEXGENNA project)

Department of Chemistry

Vacancy Ref: A2866

Job Title: Senior Research Associate	Present Grade: 7
Department/College: Department of Chemistry/Energy Lancaster	
Directly responsible to: Dr Nuria Tapia Ruiz	
Supervisory responsibility for: Undergraduate and postgraduate students.	
Other contacts Internal: Prof Harry Hoster	
Major Duties: <ol style="list-style-type: none"> 1. Plan and conduct assigned research individually or jointly in accordance with the project deliverables and project/group/School/College research strategy. 2. Contribute to the acquisition, set up, maintenance and integration of experimental apparatus and analysis strategies. 3. Document research output including analysis and interpretation of all data, maintaining records and databases, drafting technical/progress reports and papers as appropriate. 4. Develop and enhance your research profile and reputation and that of Lancaster University, including contributing to publications of international quality in high profile/quality refereed journals, enhancing the research impact in terms of economic/societal benefit. 5. Contribute to the presentation of work at international and national conferences, at internal and external seminars, colloquia and workshops to develop and enhance our research profile. 6. Contribute to the identification of potential funding sources and to assist in the development of proposals to secure funding from internal and external bodies to support future research. 7. Collaborate with colleagues and participate in team/group meetings/seminars/workshops across the research Group/School/College/University and wider community (e.g. Academic and Industrial Partners). 8. Contribute to the organisation, supervision, mentoring and training of undergraduate and/or postgraduate students and less experienced members of the project team to ensure their effective development. 9. Perform administrative tasks related to the activities of the research group and School, including Budgets/Expenditure. 10. Contribute to outreach and recruitment activities of Lancaster University. 11. Be responsible for safety management related to the organisation and running of laboratory and/or experimental techniques, equipment and processes as appropriate. 12. Keep up to date with current knowledge and recent advances in the field/discipline. 13. Engage in personal, professional and career development to enhance both specialist and transferable skills in accordance with a desired career trajectory. 	

14. Undertake any other duties of equivalent standing as assigned by the PI.

15. Establish and sustain a track record of independent and joint published research to develop and maintain your expert reputation in the subject area.

16. Survey the research literature and environment, understand the research challenges associated with the project & subject area, & develop/implement a suitable research strategy.