

JOB DESCRIPTION

Vacancy Ref: A3564-R

Job Title: <i>Innovation Fellow in Chemical Sciences</i>	Present Grade: Grade 7
Department/College: Chemistry	
Directly responsible to: Dr Kathryn Toghill	
Supervisory responsibility for: Responsible for some interns and project students	
Other contacts	
Internal: Catalysis and Chemical Biology Group, GISMO project team	
External: Academic Community, Industry Engagement	
Major Duties:	
<ol style="list-style-type: none"> 1. Engage in range of industry-focused projects of various durations; 2. Analyse the problem and effect the solution 3. Application of catalytic techniques to solve industry problems 4. To translate university techniques into industry solutions 5. To write reports to industry and help with translation of the solution to industry partners 6. Build capability and capacity in catalytic chemistry including robotic screening, and use of hydrogen in the circular chemical economy at Lancaster 7. To develop use of industry applicable catalytic processes; solve industry problems 8. To contribute to the day-to-day running of the research lab including the upkeep of safety documentation and the organization of training for new staff and students. 9. The organization and participation in regular project meetings with colleagues at Lancaster and in industry and the preparation and presentation of talks, posters and reports to disseminate the results of these studies. 10. Participation in national and international conferences and workshops to present the results of the project to a wider audience and to learn about current advances in the field. 11. Preparation of journal papers for publication of project findings. 	



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