

**JOB DESCRIPTION**

Vacancy Ref: A3115

<b>Job Title:</b> <i>Innovation Fellow in Chemical Science (materials synthesis)</i>	<b>Present Grade:</b> Grade 7
<b>Department/College:</b> Chemistry, Chemical Engineering	
<b>Directly responsible to:</b> NextGenChem Programme Manager & Academic Chair (cTAP Academic Lead)	
<b>Supervisory responsibility for:</b> Responsible for some PhD students	
<b>Other contacts</b>	
<b>Internal:</b> NextGenChem Programme Manager, Head of Business Partnerships and Enterprise, Business Development Team, Academic staff, other FST staff and researchers	
<b>External:</b> Directors and Managers of SMEs, SME employees, Industry Partners, LEP, Yordas Team	
<b>Major Duties:</b>	
<ol style="list-style-type: none"> <li>1. Assess the R&amp;D potential and challenges faced by SMEs related to Next Generation Material Synthesis, Formulations and Characterization.</li> <li>2. Understanding issues faced by regional SMEs in accessing the University's research and identifying where University technology or expertise could benefit their business</li> <li>3. Conduct knowledge exchange and R&amp;D activities in partnership with SMEs and expert academics to develop Next Generation Materials and Formulations to create new or improved products.</li> <li>4. Facilitate and provide support to SMEs to visit and access analytical characterization services at cTAP and Lancaster University</li> <li>5. To build, grow and maintain rapport with internal and external stakeholders</li> <li>6. To be an active and leading participant with a research group to build capability and capacity in material synthesis and characterization</li> <li>7. To contribute to the day-to-day running of the wet lab activities including the upkeep of safety documentation and the organization of training for new staff and students</li> <li>8. The organization and participation in regular project meetings with colleagues at Lancaster, Yordas team and industry for the preparation and presentation of talks, posters and reports to disseminate the results of collaborative work</li> <li>9. Ensure all client information is kept up to date through the completion of registration forms, visit reports, databases and other related administration</li> <li>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.</li> <li>11. Preparation of journal papers and IP for publication of project findings.</li> </ol>	
<p>This post is part-funded by the European Regional Development</p>	



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