

| <b>SECTION A: THE ROLE</b>                                                                                                                                                                                                                            |                                                                |
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| <b>Job Title:</b>                                                                                                                                                                                                                                     | Senior Research Fellow                                         |
| <b>Institute/Service:</b>                                                                                                                                                                                                                             | Institute of Engineering, Computing and Advanced Manufacturing |
| <b>Job Grade:</b>                                                                                                                                                                                                                                     | Grade 08 (1 FTE)                                               |
| <b>Job Family:</b>                                                                                                                                                                                                                                    | Research Fellow                                                |
| <b>Job Location:</b>                                                                                                                                                                                                                                  | Carlisle or Lancaster                                          |
| <b>Responsible To:</b>                                                                                                                                                                                                                                | PVC Research and Knowledge Exchange                            |
| <b>Responsible For:</b>                                                                                                                                                                                                                               |                                                                |
| <b>Role Purpose:</b>                                                                                                                                                                                                                                  |                                                                |
| The post holder is expected to support the EC Horizon Europe UTI-Diag and Eureka Multistripes projects. There will be a need to carry out the necessary activities and outputs as well as maintain effective communication with the project partners. |                                                                |

| <b>SECTION B: PRINCIPAL DUTIES/KEY OBJECTIVES</b> |                                                                                                                                                                        |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                                                | Plan, organise and implement the activities of the project and interact with the project partners.                                                                     |
| 2.                                                | To demonstrate good research skills and an ability to work both independently and part of a team                                                                       |
| 3.                                                | To support impact activity and to give presentations at relevant workshops and conferences                                                                             |
| 4.                                                | To represent outputs from the project at internal and external meetings, conferences and events                                                                        |
| 5.                                                | To provide support for early career researchers and train the next generation of researchers and engineers in key technologies                                         |
| 6.                                                | To assist in the development of researchers that is informed by the needs of industry as well as public sector as requested by the PVC Research and Knowledge Exchange |

### **Other Information:**

It is a condition of employment that all academic staff are either already accredited by Advance HE as a Fellow against Descriptor 2 of the National Framework of professional standards for teaching and supporting learning or complete such accreditation within 3 (full-time) years of commencement. Where relevant, an acceptable Enhanced Disclosure via the Disclosure and Barring Service is required prior to confirmation of appointment offer (successful candidate only).

On occasions and in line with operational needs you will be required to:

- work different hours including at weekends/evenings;
- travel to other campuses and sites as necessary.

In addition to the main duties listed above, you will be required to perform other duties, which are assigned from time to time. However, such other duties will be reasonable and in relation to the grade.

It is the University's intention that this job description is seen as a guide to the major areas and duties for which the post holder is accountable. However, the business will change and your obligations will vary and develop. This job description should be seen as a guide and not as a permanent, definitive and exhaustive statement.

## **Our Values:**

At the University of Cumbria, our values shape the way we work, our culture and environment.

### *We are PERSONAL*

Individuals are at the heart of what we do, and our culture of belonging recognises and supports every person. As an institution, we have mutual respect for those we work with and for and we care about understanding each other's challenges and helping one another to thrive.

### *We are PROGRESSIVE*

As a university we have a determination to deliver our mission, which keeps us open to opportunities in front of us. We encourage thoughtful and inspirational ideas, and we tackle problems proactively, with optimism, creativity and courage.

### *We are ENGAGED*

As stewards of knowledge and place, it is our privilege to champion the region and advocate for the value of education. The University of Cumbria is welcoming to different perspectives, expertise and experiences and we are committed to building and nurturing strong links with our communities.

## **Providing an Inclusive Environment:**

The University of Cumbria is committed to providing an inclusive environment, where staff, students and visitors are encouraged to be their true self, in order to enhance the individual and collective experience. As a university community, we share the social responsibility of enabling this inclusive environment by valuing, respecting and celebrating differences, to ensure that we generate a sense of understanding and belonging.

The university recognises that our differences are our strength, seeking and valuing different perspectives and ideas, in an environment that is without prejudice and bias.

We are committed to embracing our responsibility as a facilitator of change and continue to develop our equality agenda in line with and, where appropriate, beyond the Equality Act 2010. We do not tolerate discrimination, bullying or harassment in any form on the grounds of age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex, or sexual orientation.

## **Health & Safety Statement**

All employees at the University of Cumbria are required to ensure that all duties and responsibilities are discharged in accordance with the University's Health and Safety at Work policy. They should take reasonable care for their own health and safety and that of others who may be affected by what they do or do not do. Employees should correctly use work items provided by the University, including personal protective equipment in accordance with training or instructions.

## **ROLE PROFILE for SENIOR RESEARCH FELLOW**

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| 1. Teaching & learning support                    | <ul style="list-style-type: none"> <li>• Contribute to the teaching and learning programmes in the department.</li> <li>• Teach/train students and staff in various research techniques.</li> <li>• Supervise postgraduate research students.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2 Research and scholarship                        | <ul style="list-style-type: none"> <li>• Lead individual and collaborative academic research.</li> <li>• Solve unique, open or unsolved research issues to meet project goals.</li> <li>• Disseminate research findings.</li> <li>• Lead in data analysis, methodology and techniques.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3 Communication                                   | <p><b>Oral</b></p> <ul style="list-style-type: none"> <li>• Present the results of own research at conferences within and outside of the University.</li> <li>• Present research results at seminars within the University.</li> <li>• Communicate with academic staff and peer groups of researchers on research related matters.</li> <li>• Discuss issues with students and staff as part of the process of supervising projects.</li> <li>• Communicate the aims of research at external meetings.</li> <li>•</li> </ul> <p><b>Written</b></p> <ul style="list-style-type: none"> <li>• Write and/or contribute to research reports and publications.</li> <li>• Write and/or contribute to funding applications.</li> <li>• Write research articles or newsletters.</li> <li>• Written communications to a wide range of internal and external contacts concerning research matters.</li> </ul> |
| 4 Liaison and networking                          | <ul style="list-style-type: none"> <li>• Develop external networks.</li> <li>• Collaborate actively within and outwith the institution to complete research projects and advance thinking.</li> <li>• Occasional invited speaker.</li> <li>• Seek sources of additional funding and generate income.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5 Managing people                                 | <ul style="list-style-type: none"> <li>• As Team Leader, develops the team.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6 Teamwork                                        | <ul style="list-style-type: none"> <li>• Leader of research project(s) and their associate team(s).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 7 Pastoral care                                   | <ul style="list-style-type: none"> <li>• Provide pastoral care and welfare support to team supervised.</li> <li>• Responsible for welfare issues relating to project staff and participants as part of ethical research risk assessments.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 8 Initiative, problem-solving and decision-making | <ul style="list-style-type: none"> <li>• Resolve practical and theoretical problems concerning the conducting, validation and reporting of research.</li> <li>• Take initiative on the development of ideas for generating income and promoting a substantial area of research.</li> <li>• Resolves the day to day problems associated with the management of projects.</li> <li>• Individual: budget management at the individual project level. Ethics risk assessment decisions. May decide who should speak to the media in response to a request.</li> <li>• Joint: research programmes and methodologies.</li> <li>• Advice: advise colleagues internally and externally on areas of specialism.</li> </ul>                                                                                                                                                                                    |
| 9 Planning and managing resources                 | <ul style="list-style-type: none"> <li>• Responsible for the management of specified project(s).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| <b>Criteria for Grade 08</b><br><b>Role Title: Senior Research Fellow</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Essential/<br/>Desirable</b>                                               | <b>To be identified by:</b>                                                                                                                                                                                                               |
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| <b>Qualifications</b><br>PhD that is relevant for Diagnostics and Bioprocessing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Essential                                                                     | Application Form<br>Certificates                                                                                                                                                                                                          |
| <b>Experience</b><br><br>Previous experience in delivering large multi-partner European Commission funded project<br><br>Experience of development of implementation of bioassay within novel instrumentation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Essential<br><br>Essential                                                    | Application Form/<br>Interview<br><br>Supporting Statement/<br>Interview                                                                                                                                                                  |
| <b>Knowledge, skills and abilities</b><br><br>Engage in high level research, analysis of data and apply existing methodology according to the overall context<br><br>Ability to convey complex information or ideas of detailed technical or specialist nature<br><br>Plan, prioritise and organise their own research/resources to achieve agreed objectives.<br><br>Ability to communicate complex information to specialist and non-specialist audiences both in writing and orally.<br><br>Be self-directed and supportive and encouraging of others in a team.<br><br>Liaise with people and participate in networks internally and externally, as required, to ensure good dissemination of research activities and facilitate collaborative work. | Essential<br><br>Essential<br><br>Essential<br><br>Essential<br><br>Essential | Application Form/<br>Interview<br><br>Supporting Statement/<br>Interview<br><br>Supporting Statement/<br>Interview<br><br>Application Form/<br>Interview<br><br>Application Form /<br>Interview<br><br>Supporting Statement/<br>Interview |
| <b>Other</b><br><br>Commitment to the <a href="#">strategic plan and values</a> of the University especially in relation to equality of opportunity at work, a healthy and safe working environment and the expected behaviours of an effective Leader.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Essential                                                                     | Interview                                                                                                                                                                                                                                 |