

**JOB DESCRIPTION**

**Vacancy reference: 0555-25**

|  |  |
| --- | --- |
| **Job Title:** Senior Research Associate - MARS  | **Present Grade:** 7  |
| **Department/College:** School of Mathematical Sciences |
| **Directly responsible to:** Prof Chris Jewell |
| **Supervisory responsibility for:** Some supervision of postgraduate students and summer internship students  |
| **Other contacts**  |
| **Internal:**Prof. Chris Jewell; academic staff, professional services staff, researchers and PhD students in MARS and the School of Mathematical Sciences. Other departments at Lancaster relevant to MARS application areas.  |
| **External:**  MARS project partners, other non-academic stakeholders and the wider research community. |
| **Major Duties:**1. Conduct a research project that aligns with the objectives of MARS.
2. Publish research with a substantial mathematical component in leading peer-reviewed journals and conferences and, where appropriate, jointly author these outputs with other members of MARS.
3. Participate in national and international meetings, conferences and workshops to present results to a wider audience, learn about current advances in the field and build research networks.
4. Build collaborations with MARS project partners and other non-academic stakeholders by attending and contributing to meetings and events.
5. Prepare progress reports for describing the results of the research.
6. Participate in (and ultimately taking the lead in) writing new research proposals that build on the expertise and knowledge gained during this research project.
7. Contribute to the development of a positive and inclusive research culture within MARS.
8. Undertake any other duties as appropriate to the grade of the post.
 |