

**JOB DESCRIPTION**

**Vacancy Ref: 1059-24**

|  |  |
| --- | --- |
| **Job Title:** Senior Research Associate | **Present Grade:** 7 |
| **Department/College:** School of Mathematical Sciences | |
| **Directly responsible to:** Prof Christopher Nemeth | |
| **Supervisory responsibility for:** Assisting with supervision of PhD students as appropriate | |
| **Other contacts** | |
| **Internal:** PhD students involved with the research grant; colleagues in the School of Mathematical Sciences. | |
| **External:** The sponsoring partners and the wider research community. | |
| **Major Duties:**  To conduct research, write publications and present at conferences. The role carries responsibility for  ensuring that research activities are in line with project objectives, and has autonomy to ensure that  objectives are met.   * To contribute to the research project, the primary aim of which is the development of novel probabilistic AI methodologies for analysing large-scale data sources. * To publish in leading statistical or machine learning journals/conference proceedings and, where appropriate, to contribute to publications in these journals jointly with other members of the project. * To attend project meetings as directed by the principal investigator. * To attend meetings, workshops and conferences in the UK and abroad, presenting research results and networking. * To develop code that implements the methods developed in a way which supports reproducible research practices. * To undertake any other duties as may be requested by the principal investigator, provided that these are appropriate to the grade of the post. | |