

# JOB DESCRIPTION

**Ref: 1161-24**

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| **Job Title:** Senior Research Associate in Modelling of Human Mobility and Social Networks | **Grade:** 7 |
| **Department/College:** CHICAS, Lancaster Medical School, Lancaster University |
| **Directly Responsible To:** Dr Jonathan Read |
| **Supervisory Responsibility For:** N/A |
| **Other contacts****Internal:** Prof Chris Jewell, Maths & Stats, LUOther Investigators, Senior Research Associates/ Research Associates/PhD students in CHICAS; Staff and Students at the University; Colleagues in Lancaster Medical School and Dept of Mathematics and Statistics.**External:** Members of the broader research team at partner universities and research-intensive establishments in the UK, Malawi, and Uganda. Other industrial partners and the wider research community.  |
| **Major Activities:**To conduct research, write and submit publications to peer-reviewed journals, and present research 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.* Supporting and undertaking research in and around human mobility and infectious disease transmission during epidemics and pandemics, necessary to achieve the aims of the NIH-funded project.
* To publish in leading epidemiological or appropriate application journals and, where appropriate, to contribute to publications in these journals jointly with other members of the project.
* To engage with the other partner institutions and project partners as directed by the investigators.
* To attend project meetings as directed by the investigators.
* 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 practice.
* To engage with other LU-based researchers in CHICAS, LURGiE or other appropriate research groups as identified by the investigators.
* To undertake any other duties as may be requested by the Investigators, provided that these are appropriate to the grade of the post.
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