

## JOB DESCRIPTION

**Vacancy Ref: A2746**

<b>Job Title:</b> Senior Research Associate: Full-Stack Web Developer	<b>Present Grade:</b> 7
<b>Department/College:</b> CHICAS, Lancaster Medical School, Faculty of Health and Medicine	
<b>Directly responsible to:</b> Dr Emanuele Giorgi	
<b>Supervisory responsibility for:</b> None	
<b>Other contacts</b>  <b>Internal:</b> Colleagues and students in CHICAS and Lancaster Medical School, together with colleagues in other Faculties, providers of student support services, the library, ISS, central administrations and other relevant university actors. <b>External:</b> Relevant research funding bodies, professional bodies, national and international academic and research networks.	
<p>The post holder will work on the development of an interactive web application for malaria mapping to be used by public health staff at the Ministries of Health in several sub-Saharan African countries.</p> <p><b>Major Duties:</b></p> <ol style="list-style-type: none"> <li>1. Develop an open-source web application including database structure, API specification, user interface design and application deployment.</li> <li>2. Document all software developed in 1 for use by staff at the Ministries of Health in Africa.</li> <li>3. Co-author publications for submission to peer-reviewed journals.</li> <li>4. Attend key meetings with PI Dr Emanuele Giorgi and Barry Rowlingson.</li> <li>5. Undertake other activities contributing to the success of the project, appropriate to experience and expertise, under guidance from Dr Emanuele Giorgi.</li> <li>6. Engage in appropriate academic networking, including wider dissemination of results of the project.</li> </ol>	