

Report on Use of Official Development Assistance (ODA) Research Funding 2016-17 University of Glasgow

Institutional Research Context

The University of Glasgow has a wealth of ODA relevant research across its broad base, and benefits both from a strong network of researchers with long-standing partnerships with, and interests in ODA recipient countries and communities (including the [Glasgow Centre for International Development](#)) and from a broad community of other interested researchers, whose work has strong potential to address international development challenges.

From our strategic research programmes under the banners of *One Health*, and *Addressing Inequalities*, through to our disciplinary strengths in urban futures, big data, community pedagogy, clean energy, and infectious and non-communicable disease, Glasgow remains excellently placed to contribute to ODA relevant research and knowledge exchange initiatives.

Funding Received & Distributed

The University of Glasgow received an allocation of £437,800 (£366,000 from GCRF and £71,800 from the Newton Fund), which was used to support 16 projects, as follows:

Project	DAC Nation(s)	SFC GCRF (£)	SFC Newton (£)	RC/Other (£)
Energy Autonomous Bio-Sensor Patch suited for Affordable Self-Health Monitoring	India Bangladesh	-	39,956	
Preserving and Promoting the Historical Cultural Heritage of Rural Communities in West Bengal	India	5,674		
Sustainable management of Crop PeSTs in bRazil	Brazil	38,085		
Strengthening the Regional Engagement Role of Universities in Africa and Asia	Tanzania Zimbabwe Philippines South Africa Iraq Iran	27,901		
Biomarker discovery for carriers of haemorrhagic septicaemia in water buffalo	Malaysia	15,796	5,104	
Building Sustainable Futures in Africa: Using capacity-strengthening activities to design and pilot methods for cross disciplinary research	Botswana Uganda Nigeria	36,401		
Microbe-based Malaria transmission blocking in Anopheles mosquitoes	Kenya	36,065		
Health information systems and medical record keeping in Sub-Saharan Africa	Malawi	25,353		
Pilot study of the implementation of the Mexican model of dual vocational education and training in	Mexico		26,740	

the state of Baja California				
Moving towards integration of syndromic and laboratory surveillance of zoonoses in Tanzania	Tanzania	30,900		
Assessment of implementation of regenerative medicine strategies in countries affected by landmines	Cambodia	13,400		
Geothermal Understanding in Developing Economies (GUIDE): Strengthening relationships and building baseline data in the East African Rift Valley	Ethiopia Kenya	36,511		
Experience of camp/non-camp displacement: building learning from Jordan to build learning in Jordan	Jordan	6,235		
A framework for the diagnosis and control of viral diseases in West Africa; from surveillance to health economics	The Gambia Uganda	37,416		
Real-time Genomic Surveillance to guide rabies elimination programmes in low and middle income countries	Tanzania	30,949		
Identifying GCRF challenges for sustainable agriculture and ecosystem services in Tanzania's livestock sector	Tanzania	26,853		
		366,000	71,800	

Highlights of Activity Supported

The projects awarded funding through the internal competition that allocated the GCRF/Newton monies were a mixture of primary research activity, networking and capacity strengthening. A significant number of projects had a focus in East Africa, where the University has strong, historic research partnerships. These included a project in Uganda, where funding was used to support Glasgow researchers to visit Mayuge District to investigate the efficacy of a very low cost, paper based diagnostic for the multiplexed diagnosis of malaria and schistosome species. The funding was used to work with Uganda's Ministry of Health in a rural school on the banks of Lake Victoria and to strengthen capacity with The Vector Control Division (VCD, MoH) and with Makerere University. The activity resulted in an application for funding under an EPSRC GCRF call for £1.5M to continue the development of these sensors and explore routes for their manufacture in East Africa.

In neighbouring Tanzania, another project centred upon sustainable agriculture and ecosystem services, which focused on the co-creation with local researchers and practitioners of new research agendas to support Tanzania's efforts to manage livestock. It is of particular note that the University's existing partnerships in Tanzania were built upon in the a Glasgow led bid to the first RCUK GCRF Collective Fund call, in which the £7.1m Centre for Sustainable, Learning & Healthy Cities was successful in attracting funding.

Beyond East Africa, the SFC funding proved instrumental in enabling teams of researchers to co-create other collaborative research proposals with colleagues in a range of ODA recipient countries; the SFC

support for the project centred around the strengthening of the regional engagement role of universities in Africa and Asia, for example, led to a £300k award from the British Academy to deliver a research project on this topic.