

RESEARCHER LINKS

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Grants Awarded: Newton Researcher Links Travel Grants – April 2016 call (v.2)

Eligible partner countries: Colombia, Indonesia, Turkey and Egypt

- Total eligible applications – 92
- Funded applications – 51 (55%)

Home Country	Host Country	UK Institution	Partner Institution	Project Title	Review Panel
Colombia	UK	University of Surrey	Universidad de Antioquia	Valorisation of agro-industrial waste: A Bioelectrochemical System for waste degradation and energy recovery from industrial coffee waste.	Biological and Medical Sciences
Colombia	UK	University College London	Universidad Nacional de Colombia	The relationship between oral health and different socioeconomic dimensions in Colombia	Biological and Medical Sciences
Colombia	UK	Heriot-Watt University	Universidad Nacional de Colombia	Multiscale study of flue gas injection in mature oil reservoirs	Engineering and Physical Sciences
Colombia	UK	University of Bristol	Universidad Militar Nueva Granada	Assessment of earthquake-induced liquefaction potential of soils subjected to rotation of principal stress axes by mean of advanced laboratory techniques	Engineering and Physical Sciences
Colombia	UK	Imperial College	Universidad EAFIT	An optimization approach to improve the environmental performance of an operating supply chain under uncertainty	Engineering and Physical Sciences
Colombia	UK	University of Leicester	Universidad Distrital Francisco José de Caldas	Applying user-centred design (UCD) approaches to develop a visual search system for digital educational resources: Case studies with young learners in academic institutions in the UK	Engineering and Physical Sciences

				and Colombia	
Colombia	UK	University of Birmingham	Instituto Tecnológico Metropolitano	Polymers and nanoparticles for antimicrobial applications	Engineering and Physical Sciences
Colombia	UK	Imperial College	Universidad Nacional de Colombia	Integration of Bioenergy into the Urban Energy System of Bogotá	Engineering and Physical Sciences
Colombia	UK	University of Leicester	Universidad de Medellín	Identification and monitoring of deforestation in the pluvial Pacific Coast of Colombia (S.A)	Environment, Agriculture and Food Sciences
Colombia	UK	De Montfort University	Universidad EIA	Intelligent system for multispectral aerial view analysis to support the sustainability of oil palm plantations at small and medium scale in Colombia	Environment, Agriculture and Food Sciences
Colombia	UK	Earlham Institute	Corporation for Biological Research	A network biology approach to Colombia's agriculture: The case of Brassica crops	Environment, Agriculture and Food Sciences
Colombia	UK	SOAS-University of London	Universidad del Rosario	Coffee, armed conflicts, and war-to-peace transitions: the case of Colombia	Social Sciences
Colombia	UK	London School of Economics and Political Science	Universidad de los Andes	Extractive futurities in Colombia	Social Sciences
UK	Colombia	University of Greenwich	University of Antioquia	Banking, Technology, and People: An analysis of the first cashless society in Colombia	Social Sciences
UK	Colombia	University of Glasgow	University of Antioquia	Earth Observation in support of sustainable livestock grazing systems (EOISS)	Environment, Agriculture and Food Sciences
UK	Colombia	University of Surrey	Universidad de los Andes	The exploration and exploitation balance in dynamic knowledge transfer networks: An agent-based computational approach and a fieldwork design of knowledge transfer in SMEs in rural Colombia	Social Sciences
UK	Colombia	Coventry University	Universidad de la Sabana	Territory Reconfiguration: Displacement in Tocancipá (Colombia)	Social Sciences
UK	Colombia	Queen's University Belfast	Universidad de los Andes	Evaluation of instruments to assess social cohesion and social inclusion in programs that promote physical activity in public spaces	Social Sciences

UK	Colombia	Middlesex University	Uniminuto University	Universities as drivers in the support of grassroots social innovations: a case study of Uniminuto University in Colombia	Social Sciences
UK	Colombia	University of Reading	Universidad de los Andes	Colombian Foreign Policy in the Post-Conflict Era	Social Sciences
Indonesia	UK	University of Oxford	Yarsi University	Genome-wide association study of anti-tuberculosis drug induced liver injury and multi drug resistant tuberculosis in the Indonesian population	Biological and Medical Sciences
Turkey	UK	Cardiff University	Istanbul University	Development of methods to identify priorities for improving the safety of primary healthcare in Turkey	Biological and Medical Sciences
Turkey	UK	King's College London	T.C Yeditepe University	Investigation the role of melatonin in modulating fetal hippocampal neurogenesis during perinatal stress	Biological and Medical Sciences
Turkey	UK	Wellcome Trust Sanger Institute	Erzincan University	Development of in vitro genetic disease models using clustered regularly interspaced short palindromic repeats (CRISPR/Cas9) genome editing method and induced pluripotent stem cells (iPSC)	Biological and Medical Sciences
Turkey	UK	Heriot-Watt University	Marmara University	Production of Piezoelectric Polyvinylidene Fluoride Based Nano Fibre Surfaces and Investigation of Their Energy Harvesting Properties	Engineering and Physical Sciences
Turkey	UK	The University of Leeds	Karabuk University	Alternative Technologies for Sustainable Municipal Solid Waste (MSW) Management in Turkey	Engineering and Physical Sciences
Turkey	UK	University of Leicester	Adnan Menderes University	Development of a Novel Enzyme-Linked Immunosorbent Assay for Organophosphate Pesticides Based on Molecularly Imprinted Polymer Nanoparticles with Antibody-like Affinity	Engineering and Physical Sciences
Turkey	UK	Nottingham Trent University	Izmir Katip Çelebi University	Designing and Manufacturing 3-D Printing Cartdriges Using Composite Materials Targeted for Biomedical Applications.	Engineering and Physical Sciences
Turkey	UK	University of Surrey	Ege University	Size Enlargement and Encapsulation of Perovskite Solar Cells	Engineering and Physical Sciences
Turkey	UK	Brunel University London	Istanbul Kemerburgaz University	Intelligent Distribution Automation Techniques in Smart Grids	Engineering and Physical Sciences

Turkey	UK	Aberystwyth University	Kahramanmaras Sutcu Imam University	Bioinformatics for crop breeding	Environment, Agriculture and Food Sciences
Turkey	UK	University of Ulster	Istanbul Kültür University	The PEACE Programme and the EU's Support to NGOs in Northern Ireland: Lessons for Turkey	Social Sciences
Turkey	UK	Durham University	Sabancı University	Questioning democratic pathways and enabling factors for energy transition in Turkey and the UK	Social Sciences
Turkey	UK	Newman University	Mersin University	Towards a Multicultural Education in Turkey: Challenges and Responses	Social Sciences
Turkey	UK	University of Cambridge	Yildirim Beyazit University	Assessing the Benefits of Gender Equality for Economic Growth in Turkey	Social Sciences
Turkey	UK	University of Westminster	Istanbul Bilgi University	A Framework for Worker Self-Evaluation of Skills required to adapt to Industry 4.0 Manufacturing Environments	Social Sciences
UK	Turkey	Loughborough University	Bilkent University	Inequality-Averse Resource Allocation	Social Sciences
Egypt	UK	Liverpool School of Tropical Medicine (LSTM).	Alexandria University	Integrated Evidence Based Medicine (EBM) in every day clinical practice for physicians in Alexandria, Egypt	Biological and Medical Sciences
Egypt	UK	Liverpool John Moores University	Cairo University	An investigation into understanding how to identify, mass produce and use parasitic nematodes as biocontrol agents for slugs and snails in Egypt and the U.K.	Biological and Medical Sciences
Egypt	UK	Newcastle University	Agriculture Research Center	Bio-electrogenic potential of microalgae in photo-biological fuel cell (PhFC) using waste water and CO ₂	Biological and Medical Sciences
Egypt	UK	University of York	Mansoura University	A role for KY and BAG3 in chaperon assisted selective autophagy in heart and skeletal muscle	Biological and Medical Sciences
Egypt	UK	King's College London	National Organization for Drug Control and Research	Lipid Hybrid Nanoparticles as an Efficient siRNA drug delivery system	Biological and Medical Sciences
Egypt	UK	University of Glasgow	Suhag University	Pharmacological and functional characterisation of Schistosoma mansoni cyclic adenosine monophosphate (cAMP) phosphodiesterases in a unique protozoan expression system	Biological and Medical Sciences

Egypt	UK	Keele University	Suez Canal University	Training on specialized interdisciplinary chronic pain service and STaRT Back Program with the aim of setting up an interdisciplinary pain management service for patients in Suez Canal area	Biological and Medical Sciences
Egypt	UK	University of Manchester	National Research Center	Assessing the maternal DNA lineages between ancient and the present-day Egyptian populations	Biological and Medical Sciences
Egypt	UK	Aston University	National Research Center	Stable Hyperbranched Glyconanomaterials Based on Assembled Multilayers for Reusable Colorimetric Biosensing Applications	Engineering and Physical Sciences
Egypt	UK	The University of Birmingham	Suez Canal University	Laser additive manufacturing of hydrogen storage materials	Engineering and Physical Sciences
Egypt	UK	University of Nottingham (UON)	Helwan University	Interaction of Nanoparticles with cells: Effect of Virus infection on Nanoparticle uptake	Engineering and Physical Sciences
Egypt	UK	Harper Adams University	Cairo University	From mechanistic understanding of predator avoidance of insecticide contamination to improved Integrated Pest Management (IPM) in Egyptian crops	Environment, Agriculture and Food Sciences
Egypt	UK	NERC Centre for Ecology and Hydrology (CEH)	National Research Center	Modelling opportunities for Sustainable Agricultural expansion in the Egyptian lakes and northern coast, balancing land capability, soil degradation and hydrological resources (SAGE)	Environment, Agriculture and Food Sciences
Egypt	UK	University of Nottingham	Suez Canal University	Potential applications of atmospheric pressure chemical ionisation mass spectrometry analysis (APCI-MS) for food authentication	Environment, Agriculture and Food Sciences