

# RESEARCHER LINKS

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## Grants Awarded: Newton Fund Researcher Links Travel Grants – April 2017 call

**Eligible partner countries:** Thailand

- Total eligible applications – 34
- Funded applications – 17 (50%)

Home Country	Host Country	UK Institution	Partner Institution	Project Title	Review Panel
Thailand	United Kingdom	Liverpool School of Tropical Medicine	Mahidol University	Development of a diagnostic test for G6PD deficiency	Biological and Medical Sciences
Thailand	United Kingdom	University of Bath	Chiang Mai University	Ionic diode mechanisms, materials, and sensors.	Engineering and Physical Sciences
Thailand	United Kingdom	University of Birmingham	Suranaree University of Technology	Effects of binary mixed emulsifiers on phase boundaries, fuel properties, and lubricity of microemulsion-based biofuels	Engineering and Physical Sciences
Thailand	United Kingdom	University of Hull	Chiang Mai University	Development of an eDNA based metabarcoding approach to monitor the highly diverse freshwater fish communities in Thailand and its threat from invasive species.	Environment, Agriculture and Food Sciences
Thailand	United Kingdom	Northumbria University Newcastle	Bangkok University	Cloud-Based Emergency Vehicle to Traffic Light Communication for Responsive Rescue Missions (CEVCom)	Engineering and Physical Sciences

Thailand	United Kingdom	University of Glasgow	Mahidol University	Bayesian anomaly detection of environmental hazard surveillance for small area health data	Environment, Agriculture and Food Sciences
Thailand	United Kingdom	Manchester Metropolitan University	Chiang Mai University	3D Cell Culture Strategies for Production of Thalassemia Biomarkers	Biological and Medical Sciences
Thailand	United Kingdom	University of Oxford	Kasetsart University	Ancient DNA Study of domestic animals excavated from Ban Chiang World Heritage site.	Biological and Medical Sciences
United Kingdom	Thailand	Queen Mary, University of London	Asian Institute of Technology (AIT)	Novel Intelligent control systems for extending the life-cycle and safety of Li-ion battery packs	Engineering and Physical Sciences
United Kingdom	Thailand	University of Bath	Thammasat University	The transition from orphanages to foster care in Thailand: a study that explores how child welfare interventions are transferred internationally and implemented across cultures.	Social Sciences Review
Thailand	United Kingdom	Liverpool School of Tropical Medicine (LSTM)	Phramongkutklao College of Medicine	Cross-neutralisation of Thai viper venoms by different antivenoms	Biological and Medical Sciences
Thailand	United Kingdom	University of Liverpool	Khon Kaen University Thailand (KKU)	Investigation of neutrophil extracellular traps and their role in the pathogenesis of opisthorchiasis and development of cholangiocarcinoma in rural community of Thailand	Biological and Medical Sciences
Thailand	United Kingdom	University of Glasgow	Mahidol University	Sustainable community-based diabetes prevention program for at-risk Thai populations by lifestyle modification and change to the food environment	Social Sciences
Thailand	United Kingdom	University of Liverpool	University of Phayao	Fasciola hepatica: investigating fatal phenotypes of RNA silenced growth factors	Environment, Agriculture and Food Sciences
Thailand	United Kingdom	University of Brighton	Chulabhorn Research Institute	Effective and sustainable mitigation of polluted water resources using novel culture and molecular-based detection of bacteriophages (phages) to pinpoint diffuse human sewage and animal wastes	Environment, Agriculture and Food Sciences

Thailand	United Kingdom	Imperial College of Science, Technology and Medicine (also known as Imperial College London)	Mahidol University	Constructing human dengue virus-specific IgE antibodies	Biological and Medical Sciences
Thailand	United Kingdom	University of Birmingham	Prince of Songkla University	Translation of computational fluid dynamics modelling with angular neck abdominal aortic aneurysm intervention	Engineering and Physical Sciences

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## Grants Awarded: Researcher Links Travel Grants – April 2017 call

Partner countries: Israel

- Total eligible applications – 14
- Funded applications – 8 (57%)

Home Country	Host Country	UK Institution	Partner Institution	Project Title	Review Panel
United Kingdom	Israel	University of Manchester	Tel Aviv University	Investigations of polaritons in 2D materials by time-resolved scanning near-field optical microscopy (SNOM).	Engineering and Physical Sciences
United Kingdom	Israel	University of Birmingham	Ben-Gurion University of the Negev	Tracking the dynamics, fate and persistence of antibiotics and antibiotic resistance genes in surface waters and bed sediments	Environment, Agriculture and Food Sciences
Israel	United Kingdom	Imperial College of Science, Technology and Medicine (also known as Imperial College London)	Technion - Israel Institute of Technology	Connecting membrane formation, structure and performance for water purification	Engineering and Physical Sciences
United Kingdom	Israel	University of Warwick	Ben-Gurion University of the Negev	Controlling bacterial swarming through surface microstructure	Biological and Medical Sciences
United Kingdom	Israel	University of Cambridge	Blavatnik Interdisciplinary Cyber Research Center, Tel Aviv University	Media and strategic communications surrounding cyber security: a comparative cross-national study of Israel, the United Kingdom and Argentina	Social Sciences

United Kingdom	Israel	University of Westminster	The Hebrew University of Jerusalem	How Can We Promote Pupils' Social and Emotional Learning? A Meta-Analysis of School-Based Interventions in the 21st Century	Social Sciences
United Kingdom	Israel	King's College London	Technion - Israel Institute of Technology	A novel porous silicon nanowire device for efficient capture and rapid classification of bacteria by Raman spectroscopy	Engineering and Physical Sciences
United Kingdom	Israel	Liverpool Hope University	The Hebrew University of Jerusalem	The link between emotion goals and emotion regulation in different groups (offenders and children).	Social Sciences