

Successful recipients of the Manchester-Melbourne Research Fund

2022

UoM CI	Faculty	Manchester CI	Project Title
Dr Kathryn Davidson	ABD	Dr Elvira Uyarra	Innovation districts: embedding societal missions into new urban models
Dr Hadi Khorshidi	MDHS	Dr Richard Allmendinger	FinTech and financial crimes: methods, applications, and regulations
Dr Melissa Johnston	ARTS	Dr Ali Bhagat	Debt, financial inclusions and intersections in (post) COVID-19
Dr Nikolai Donschuk	SCIENCE	Prof Radha Boya	Investigation of novel 2D-magnetic materials with quantum diamond microscopy
A/Prof Richard Tothill	MDHS	Dr Natalie Cook	Elucidating Cancer of Unknown Primary (CUP) through molecular classification
Dr Vini Gautam	FEIT	Prof Sarah Cartmell	Nanowire scaffolds for neural and bone tissue engineering
Dr Januka Attanayake	SCIENCE	Dr Lin Ma	Bridging micro-to macro-scale characterisation of subsurface energy storage
Dr Simon Baxter	SCIENCE	Dr Farshad Arvin	Combining engineering and ecology to transform insect surveillance capabilities
Dr Devi Stuart-Fox	SCIENCE	Dr Ahu Gumrah Dumanli-Parry	Bioinspired structurally coloured responsive pigments
Dr Philippa Saunders	MDHS	Dr Jonathan Worboys	Ligand density dictates the activation/inhibition threshold of immune cells

2021

UoM CI	Faculty	Manchester CI	Project Title
Dr Shang Gao	ADB	Dr Patrick Manu	Industry 4.0 for construction occupational safety and health (Con-OSH 4.0)
A/Prof Helen Hu	FBE	Prof Pei Sun	Understanding Governance and Internationalization of Asian Multinationals
Prof Barry Judd	ARTS	Dr Meghan Tinsley	After Repatriation: New Approaches to Indigenising the Museum
Dr Johan Koskinen	MDHS	Dr András Vörös	Developing statistical models for social influence in large-scale educational networks
Prof Laura Mackay	MDHS	Prof Mark Travis	Determining novel pathways regulating memory T cell formation and function
Prof Michele Acuto	ADB	Prof Kevin Ward	Financing and governing urban mobility infrastructures in an uncertain world
Prof Lynn Gillam	ARTS	Dr Simona Giordano	Gender diverse adolescents: a Manchester – Melbourne collaborative research

Dr Clare Whitehead	MDHS	Prof Edward Johnstone	Developing novel biomarkers and therapeutics for pregnancy complications
Dr Mirko Uljarevic	MDHS	Prof Jonathan Green	Leveraging international autism trial datasets to understand children's social-communicative development

2020

UoM CI	Faculty	Manchester CI	Project Title
Prof Alexander Heriot	MDHS	Prof Andrew Renehan	Organ preservation and avoidance of surgery in cancer
A/Prof Gary Cazalet	MLS	Prof Bijan Parsia	Technology for Access to Law
Dr Susie Fletcher	MDHS	Dr Amy Blakemore	Thinking outside the square: Optimising care for mental-physical multimorbidity
Dr James Bullock	FEIT	Prof Matthew Halsall	The interaction of 2D materials with the surface of silicon
Prof Lesley Head	SCIENCE	Prof Sherilyn MacGregor	Investigating the sustainability-migration nexus through interdisciplinary, comparative cross-national research
A/Prof Daniel Heath	FEIT	Prof Sarah Cartmell	Advanced wound dressings for rapid wound closure
Prof David Jamieson	SCIENCE	Prof Richard Curry	Nanoscale quantum doping: Towards Qubit Engineering on Demand
A/Prof Crystal Legacy	ADB	Dr Ransford antwi Acheampong	Autonomous disruption: socio-spatial and infrastructure investment implications of autonomous vehicles
A/Prof Signe Ravn	ARTS	Prof Penny Tinkler	Youth, (Im-)Mobility and Place: Developing new vantage points
Dr Sarah Rogers	ARTS	Dr Alison Browne	Everyday China: A meta-ethnography of lived experiences of socio-environmental transformation

2019

UoM CI	Faculty	Manchester CI	Project Title
Dr Linda Corrin	FBE	Dr Andrew Whitworth	Exploring digital literacy in online and blended learning environments
Dr Suzanne Kapp	MDHS	Prof Nicky Cullum	Informing self-management of chronic wounds: establishing research priorities
A/Prof Reeva Lederman	MSE	Dr Sandra Bucci	Exploring therapeutic alliance for digital mental health
Dr Helen Suter	SCIENCE	Prof Bruce Grieve	Developing cost-effective sensor systems and networks for scalable Precision Agriculture
Prof Andrea O'Connor	MSE	Prof Sarah Cartmell	A new and synergistic collaboration in biomedical materials research

Dr Colin Scholes	MSE	Prof Peter Budd	Next generation membranes to sieve toxic gases from industry emissions
Prof Richard Strugnell	MDHS	Dr Thomas Waigh	Antibiotic resistance - a quantitative biological physics approach

2018

UoM CI	Faculty	Manchester CI	Project Title
Dr Ashley Barnwell	ARTS	Dr Jerome de Groot	International Family History Network
Prof Kenneth Crozier	FEIT	Dr Patrick Parkinson	Carrier trapping processes in nanostructured optoelectronic devices
Prof Leanne Delbridge	MDHS	Prof Andrew Trafford	Defining pro-arrhythmic actions of local cardiac sex steroids in aging
Prof Amanda Vera Ellis	MSE	Dr Aravind Vijayaraghavan	Covalent stitching of graphene sheets for energy and composite applications
Dr Jorge Goncalves	MSE	Dr Sarah Clinch	Understanding how personal technologies are used to regulate emotion
A/Prof Craig Hutton	SCIENCE	Prof Andrew Munro	Identification of the molecular target of mycocyclosin in <i>M. tuberculosis</i>

2017

UoM CI	Faculty	Manchester CI	Project Title
A/Prof Tansu Alpcan	MSE	Dr. Eduardo Alejandro Martínez Cesena	Techno-economic integration of DER in distribution networks through investment
Prof Ruth Beilin	SCIENCE	Dr Joe Ravetz	Fire and flood: risk and resilience in the urban future
Dr Nicholas Geard	MDHS	Dr Thomas House	New approaches to understanding contact behaviour for infectious disease transmission
Dr John Moreau	SCIENCE	Prof. Katherine Morris	Understanding the environmental life cycle of uranium: recovery and remediation
Prof Robert Scholten	SCIENCE	Prof Andrew Murray	Low energy diffraction studies using ultracold electron
A/Prof Karin Verspoor	MSE	Prof Sophia Ananiadou	Extracting cancer biomarkers from the literature