The Leverhulme Trust

Early Career Fellowships 2016

SCIENCES

Dr Kirsti Ashworth
University of Lancaster
Air quality impacts of land–atmosphere interactions (AQuILA)

Dr Konstantin Barylyuk
University of Cambridge
High-resolution spatial proteomics of the model apicomplexan Toxoplasma gondii

Dr Martin Benning
Cambridge University
Learning from mistakes: a supervised feedback-loop for imaging applications

Dr Radha Boya
University of Manchester
Gas separation with atomically precise designer capillaries

Dr Guillem Carles
University of Glasgow
Seeing within extended volumes and 3D structures: 3D imaging and applications

Dr Thibaut Charpentier
University of Leeds
Nano-enabled water desalination

Dr Jeongmin Choi
University of Cambridge
Decoding an ancient plant-microbe dialogue: the signalling role of DWARF 14 LIKE (D14L) protein in arbuscular mycorrhizal symbiosis of rice

Dr George Constable
University of Bath
Noise in ecological systems: from individual variation to ecosystem stability

Dr Andrew Crombie
University of East Anglia
Uncovering novel mechanisms for the microbial regulation of atmospheric methane

Dr Frances Davis
University of Southampton
A novel method to characterise the high strain rate properties of soft tissues

Dr Anita Dawes
Open University
The physico-chemical properties and aggregation of interstellar dust and ice

Dr Duygu Dikicioglu
University of Cambridge
Understanding the beneficial impact on biotechnological processes of mixed culture of multiple microbial species

Dr Tao Ding
University of Cambridge
Light-powered plasmonic actuating nanomachines: ANTs

Dr Lena Grinsted
Royal Holloway, University of London
The social life of spiders: evolution of dispersal and group living

Dr Fang Huang
University of Liverpool
Exploring the self-assembly and heterologous engineering of bacterial CO2-fixing machinery

Dr Thomas Hudson
University of Warwick
A mathematical study of discrete dislocation dynamics

Dr Anna Kalogirou
University of East Anglia
Controlling the complex behaviour of microfluidic flows using surfactants

Dr Jackie Kendrick
University of Liverpool
Understanding the frictional behaviour of volcanic rocks and magmas

Dr Peter Keys
Queen's University Belfast
The polarimetric properties of waves in the solar atmosphere

Dr Dmitry Kishkinev
Bangor University
The disrupting effect of electromagnetic noise on avian magnetic compass sense

Dr Hong Liu
University of Warwick
Counting in finite fields, integers and graphs

Dr Marcelo Lozada-Hidalgo
University of Manchester
Proton transport through atomically thin interfaces

Dr Rafael Maldonado
University of Leeds
Solitonic models of atomic nuclei

Dr Duncan Murdock
Oxford University Museum of Natural History
The hard parts of the Cambrian explosion

Dr Antonio De Paola
Imperial College London
Game theory applications towards a green and sustainable power network

Dr Steven Parsons
University of Sheffield
Fundamental astrophysics with white dwarf binaries

Dr Marc Reid
University of Strathclyde
Manganese by numbers: a 'chem-tech' toolbox for innovation

Dr Guillaume Schweicher
University of Cambridge
Organic semiconductors to enable a new electronics

Dr Victor Soria-Carrasco
University of Sheffield
The impact of speciation mode on macroevolutionary dynamics

Dr Juraj Szavits-Nossan
University of Edinburgh
Deciphering rules for optimal protein biosynthesis

Dr Peter Wadley
University of Nottingham
The domain structure and electrical switching behaviour of antiferromagnets

Dr Tong Zhang
Durham University
Effective bound for arithmetic line bundles in Arakelov geometry

Dr Noa Zilberman
University of Cambridge
Systems for big data applications: revolutionising personal computing

HUMANITIES

Dr Jason Allen
University of Leeds
Witnessing, memory and poetics: trauma and the epic in anglophone and francophone Caribbean literature

Dr Luke Blaxill
Anglia Ruskin University
The war of words: quantifying the language of British politics, 1880–1945

Dr Menaka Bora
Royal Holloway, University of London
From tradition to contemporary: Sattriya music and dance in India and global contexts

Dr Rachel Bower
University of Leeds
Transcultural collaboration: poets of Leeds and Nigeria unite, 1950–1970

Dr Stephanie Bowry
University of Leicester
Cultivating the art gallery in the early modern garden

Dr Harriet Boyd-Bennett
University of Nottingham
Modern migrations: musical travels through Italy in the 1920s

Dr Angus Brown
University of Birmingham
Book lovers: affect and the history of reading in the late age of print

Mr Andrew Brown
Bournemouth University
Making land: settlement dynamics in marginal Polynesia

Dr Tom Brughmans
University of Oxford
Mercury: understanding the Roman economy through big data and network modelling

Dr Michael Carr
University of Edinburgh
Managing otherness: papal permissions to trade with the 'Infidel' 1342–1394

Dr Adrianna Catena
University of Warwick
The hatters' blues: a microglobal history of new world dyes in early modern Spain

Dr Stephanie Conner
University of Huddersfield
Recomposing ancient music: a case study in Akkadian song

Dr Oskar Cox Jensen
Queen Mary, University of London
Life in London: a biography of street indigenes in Seven Dials

Dr Anjali Bhardwaj Datta
University of Cambridge
Gendering the city: urban informalities and production of space in Delhi

Dr Jennifer French
University College London
The palaeolithic of Europe: a demographic and social (pre)history

Dr Robert Gallagher
University of Oxford
The Latin lexicon of Anglo-Saxon England, 871–1016: networks, contexts and uses

Dr Sarah Goldsmith
University of Leicester
Embodying the aristocrat: a history of the eighteenth-century elite male body

Dr Aaron Graham
University College London
The problems of global finance in Britain, Ireland and Empire, 1783–1844

Dr Charlotte Hammond
Cardiff University
Caribbean threads: Creole networks of cloth and consumption

Mr Remco Heesen
University of Cambridge
Organising science: the social epistemology of scientists and their incentives

Miss Charlotte Hemmings
University of Oxford
Information structure in the languages of Northern Sarawak

Dr Christin Hoene
University of Kent
Colonial soundscapes and non-western modernities

Dr Florence Impens
University of Manchester
In their own words: poetry in translation in Great Britain after 1962

Miss Suzanna Ivanic
Royal Holloway, University of London
Religion for sale in counter-reformation central Europe, 1550–1700

Dr Lama Jabb
University of Oxford
Tibetan literature as a confluence of the oral and the literary

Dr Lucy Jackson
King's College London
Ancient tales new told: the re-invention of Greek tragedy in neo-Latin

Dr Jane Kershaw
University of Oxford
Britain's Viking silver hoards: an archaeological analysis of the sources and uses of silver in Scandinavian Britain, 850–1050 CE

Dr Alison Knight
University of Cambridge
Stranger churches: hate speech and religious refugees in early modern England

Dr Tian S. Liang
University of Oxford
Anatomising the body: art, science and the humanities in modern China, 1851–1949

Dr Peter Lindfield
University of Stirling
Antiquarian by design: fakery and the material object in Britain 1720–1824

Mr David Lowther
Durham University
Imagining India: Mughal art and colonial knowledge networks in the creation of modern British zoology, 1800–1858

Dr Lydia Luncz
University of Oxford
Lost technology: using chimpanzee wooden tools to identify missing human records

Dr Michael Malay
University of Sheffield
Faceless extinctions

Dr Thomas McClelland
University of Warwick
Mental action and cognitive phenomenology: lessons from enactivism

Dr Emily McLaughlin
University of Cambridge
Poetic ecologies: the praxis of relation in recent French and francophone poetry

Dr Emily Oliver
University of Warwick
Broadcasting nations: a history of the BBC German Service, 1938–1999

Dr Nicholas Palfreyman
University of Central Lancashire
Patterns of variation and local identities in Indonesian sign language varieties

Dr Maroula Perisanidi
University of Leeds
Reform and clerical authority in the eleventh century: a comparative perspective

Dr John-Mark Philo
University of East Anglia
The reception of Tacitus in the British Isles (1500–1600)

Dr Rachel Randall
University of Oxford
A part of the family? Domésticas, babás and nanas in Brazilian and Chilean culture

Dr Sean Roberts
University of Bristol
Identifying causal effects in cultural systems

Ms Elizabeth Sandis
University of Birmingham
Political playmaking at the universities of England, 1605–1665

Dr Kathryn Santner
School of Advanced Study, University of London
Transpacific sisters: art and the lived experience of Peruvian and Philippine religious women

Dr Karian Schuitema
Keele University
Knowledge co-production with children in special schools through community arts

Dr Thomas Smith
University of Leeds
The rise of papal provisions in thirteenth-century England

Dr Preti Taneja
University of Warwick
Shakespeare and human rights

Dr Damian Taylor
University of Oxford
Making and immateriality: art and embodiment in the digital age

Dr Claudia Tobin
University of Cambridge
Colour and the imagination: chromatic experience in modern literature and art

Dr Guido van Meersbergen
University of Warwick
Cross-cultural diplomacy compared: European diplomats in South Asia, 1600–1750

Dr Rob Waters
University of Sussex
Streets that went black? Cultures of blackness and politics in London, 1958–1981

Dr Emma Whipday
University College London
"You see my sister's yet at my dispose": siblings, subordinate roles and proprietary rights on the early modern stage

Dr Darryl Wilkinson
University of Cambridge
Anarchism in the prehistoric Andes: the material culture of anti-complexity

Dr Gavin Williams
King's College London
Geographies of the gramophone: recorded music and urban space, 1897–1939

SOCIAL SCIENCES

Dr Wendy Asquith
University of Nottingham
Universal human rights: a century of intergovernmental display at world's fairs

Dr Dalel Benbabaali
University of Oxford
Uprooted adivasis: conflict, development and displacement in central India

Dr Hannah-Louise Clark
University of Glasgow
Healing the body of the nation? Healthcare and the state in Algeria c.1800–1980

Dr Elena Cooper
University of Glasgow
Intellectual property and criminalisation: an historical perspective

Dr Zoe Cormack
University of Oxford
Marking death in South Sudan: funerary art in museum collections and beyond

Dr Emma Davidson
University of Edinburgh
A new page? Libraries, austerity and the shifting boundaries of civil society

Dr Sam Halvorsen
University of Cambridge
Rethinking territory from below: learning from theory and practice in Argentina

Dr Sophia Hatzisavvidou
University of East Anglia
Green arguments: scientific evidence and political persuasion

Dr Anni Kajanus
London School of Economics and Political Science
Cooperation, punishment and violence – a comparative study of children's cooperative relationships in China and in the UK

Dr Nino Kemoklidze
University of Birmingham
Self-determination and secession in Europe's 'near abroad'

Dr Samuel Kirwan
University of Warwick
Living in debt: a sociology of everyday indebtedness

Dr George Kyris
University of Birmingham
Conflict, statehood and sovereignty in world politics

Dr Alexander Leveringhaus
University of Manchester
The politics of rescue revisited: non-state actors, drones, and intervention

Dr Kirsty Lohman
University of Surrey
Punk, politics and gender in the UK

Mr Eric Lybeck
University of Exeter
The academic self: changes in university expectations since 1800

Dr Chandra Morrison
London School of Economics and Political Science
New muralism and the politics of erasure: a study of public culture in Peru

Dr Amrei Mueller
Queen's University Belfast
Healthcare in conflict: do armed groups have obligations and responsibilities?

Dr Michal Murawski
Queen Mary, University of London
Moscow makeover: architecture and politics in Putin's paradise

Dr Peg Murray-Evans
University of York
Talking power: South Africa and the pursuit of legitimacy in the global order

Dr Chloe Nahum-Claudel
London School of Economics and Political Science
Intimate witchcraft: forging human life between unseen and phenomenal worlds

Dr Jonna Nyman
University of Sheffield
Securing china: understanding security politics beyond the west

Dr Janosch Prinz
University of East Anglia
More democratic, more realistic: toward a diagnostic approach to legitimacy

Dr Lizzie Richardson
Durham University
Digital workplaces: technology and the self-organisation of work

Dr Barbara Samaluk
University of Greenwich
Aiming for skilled or secure employment on the EU market: a Sisyphean task?

Dr Clara Sandelind
University of Sheffield
Trust and solidarity in Scandinavia: immigration and narratives of bounded communities

Dr Rosemary Smith
University of Nottingham
The university revolutionised: upheaval and massification in post-2000 Cuba

Dr Banu Turnaoglu
University of Cambridge
The western question: the eastern question seen from the east

Dr Lani Watson
University of Edinburgh
An interdisciplinary investigation into the education of questioning

Dr Julia Welland
University of Warwick
The joy of war: pleasure and performance in contemporary military conduct

Dr Hila Zaban
University of Warwick
The urban effects of British Jews' transnational practices on London and Israel