

Research Project Grants – March 2017

SCIENCES

Dr Nick Aldred

Newcastle University

Going back to basics: reverse engineering the adhesive of the sea anemone *Aiptasia pallida*
£309,990

Professor Harry Anderson

University of Oxford

Synthesis of new allotropes of carbon: cyclocarbon catenanes
£269,701

Dr Martin Cann

Durham University

How cyanobacteria detect carbon dioxide: molecular events in the global carbon cycle
£168,508

Dr Bin Cheng

University of Surrey

Mathematical analysis of 'near resonance' in the physical world of finiteness
£280,880

Professor Darren Dixon

University of Oxford

A new light on chiral amine synthesis
£176,408

Professor Stefan Howorka

University College London

New chemical tools to probe lipid bilayer thickness in live cells
£149,186

Dr Katherine Messenger

University of Warwick

Syntactic priming as implicit learning: comparing second and first language speakers
£241,910

Professor Pat Monaghan

University of Glasgow

Mechanisms underlying the growth-lifespan trade-off
£258,973

Dr Marko Nardini

Durham University

Learning to perceive and act under uncertainty
£258,151

Dr Ioannis Nezis

University of Warwick

What is the function of a cytoplasm-eating related protein in the nucleus?
£206,436

Dr Catherine O'Sullivan

Imperial College London

Fundamental analysis of the influence of structure on clay behaviour
£84,542

Professor Robert Pawlak

University of Exeter

Optogenetic reprogramming of the anxiety circuit
£273,355

Dr Richard Payne

University of York

Peatlands and climate change: linking the past with the future
£133,239

Professor Tony Payne

University of Bristol

Glacial melt and water security in Central Asia
£169,648

Professor Chris Perry

University of Exeter

Predicting the significance of fish carbonates to the marine carbonate cycle
£156,413

Dr Carol Robinson

University of East Anglia

Marine bacterioplankton respiration: a critical unknown in global carbon budgets
£223,320

Dr Tamara Rogers

Newcastle University

Modelling inhomogeneous magnetohydrodynamics (MHD) in hot Jupiter atmospheres
£220,233

Professor Peter Slater

University of Birmingham

Exploring carbonate incorporation in 'oxide' materials: the hidden dopant
£84,760

Professor Alison Smith

University of Cambridge

Snow algae – are they the most abundant photosynthetic organisms in terrestrial Antarctica?
£303,714

Dr Patrick Sturt

University of Edinburgh

Integration of information in reading
£125,468

Dr Colin Tosh

Newcastle University

Predator-prey and prey-prey interactions driven by predator visual attention
£226,555

Dr Chris Venditti

University of Reading

The dynamics of extinction through time
£184,456

Dr Alison Yao

University of Strathclyde

Control and applications of structured light and chiral molecules
£286,825

HUMANITIES

Dr Simon Blockley

Royal Holloway, University of London

Unravelling the pattern, impacts and drivers of early modern human dispersals from Africa
£466,516

Professor Kimberley Brownlee

University of Warwick

Investigating the ethics and politics of sociability
£235,213

Professor Christopher Gerrard

Durham University

Risk and resilience in Europe. Exploring historic responses to earthquakes
£284,330

Dr Victoria Moul

King's College London

Latin poetry in English manuscript verse miscellanies, c.1550–1700
£447,381

Professor Zahra Newby

University of Warwick

Materiality and meaning in Greek festival culture of the Roman Imperial period
£311,352

Dr Leendert Plug

University of Leeds

Speech tempo perception and missing sounds
£195,101

Professor Louise Sylvester

University of Westminster

Technical language and semantic shift in Middle English
£175,798

Dr Jo Verhoeven

City, University of London

Measuring asymmetry in the articulation of English speech sounds

£238,015

SOCIAL SCIENCES

Professor Gordon Cumming

Cardiff University

Mobilising support for militaro-humanitarian intervention: beyond two-level games

£90,842

Professor Kavita Datta

Queen Mary, University of London

'Disciplining' the remittance marketplace?

The financialisation of small and medium size money transfer operators (MTOs) after the financial crisis in London

£91,715

Dr Sabine Hyland

University of St Andrews

Hidden texts of the Andes: deciphering the 'khipus' (cord writing) of Peru

£251,902

Professor Vasso Ioannidou

Lancaster University

On the public disclosure of individual bank supervisory assessments

£105,555

Professor Ben Lupton

Manchester Metropolitan University

Understanding blame in work organisations - a philosophical interpretation

£55,597

Professor John Mohan

University of Birmingham

Community-level perspectives on post-war change in the British voluntary sector

£329,252