

2014 Newton International Fellows

Dr Rahul Bhosale, Indian - *Hydropatterning: a novel adaptive mechanism for controlling root hair development* - hosted by University of Nottingham

Dr Michael Ryan Bochnak, Canadian - *Mapping the depth of crosslinguistic variation in verbal meaning: A case study from Washo* - hosted by University of Manchester

Dr Aneesh Chandran, Indian - *In silico investigation of ligand recognition and permeation properties of IP3 receptors* - hosted by University of Cambridge

Miss Julia Frimodt Christensen, Danish - *A new framework to understand human emotion perception using expertise* - hosted by City University

Dr Stefano Costalli, Italian - *Political Change through Contentious Action. An Actor-based Approach* - hosted by University of Essex

Dr Isabel Cruz-Gallardo, Spanish - *Structure and functional studies to elucidate the role of LARP4 in cell migration* - hosted by King's College London

Dr Vassilios Dallas, Greek - *Rotating turbulence and dynamos: From geophysical to astrophysical phenomena* - hosted by University of Leeds

Dr Erin Dodd, Canadian - *Mechanistic insights: investigating the intermediates of nitrosylation of [4Fe-4S] cluster proteins* - hosted by University of East Anglia

Dr Michele Ducceschi, Italian - *Real-time sound synthesis of impacted string instruments with sophisticated nonlinear contact laws* - hosted by University of Edinburgh

Dr Jonathan Duquette, Canadian - *The Rise of Sivadvaita Vedanta in Early Modern India: A Study of Appaya Diksita's Ratnatrayapariksa* - hosted by University of Oxford

Dr Matti Erasaari, Finnish - *Eating money, eating time: the value of time in Fiji* - hosted by University of Manchester

Dr Fabricia Ferreira do Nascimento, Brazilian - *The evolution of endogenous retroviruses in vertebrate genomes* - hosted by University of Oxford

Dr Valentin Fischer, Belgian - *Drivers of diversity in ancient pelagic predators* - hosted by University of Oxford

Dr Ellen Garland, New Zealander - *Culture in whales: transmission of a complex display* - hosted by University of St Andrews

Dr Irving Goh, Singaporean - *Pre-Positional Existence, or Perhaps Only a Preposition Can Save Us* - hosted by University of Cambridge

Dr Jorge Gonzalez Garcia, Spanish - *Targeting quadruplex RNA with metal complexes: novel tools and therapeutic agents* - hosted by Imperial College London

Dr Emmanuelle Honore, French - *Painting the body: Prehistoric cognition of Self and the Other in North African rock art* - hosted by University of Cambridge

Dr Abhishek Anan Jalan, Indian - *Designing a toolkit peptide library for the heterotrimeric collagen types I, IV and VI* - hosted by University of Cambridge

Dr Lily Jampol, American - *White Lies in the Workplace: Consequences for Women & Practical Interventions* - hosted by London Business School

Miss Nian Jiang, Chinese - *Contact-free electronic probes for GaN semiconductor nanowires and hybrids* - hosted by University of Cambridge

Dr Antti Lampinen, Finnish - *Reception of barbarographic literary stereotypes in Christian Late Antiquity (400-700)* - hosted by University of St Andrews

Dr Matthew Levy, American - *Probing the Quantum Vacuum Structure using Ultra-High-Power Laser Light* - hosted by University of Oxford

Dr Heidi Matthews, Canadian - *International Criminal Law & the Cold War: Historical Narrative & the Construction of a Legal Field* - hosted by School of Oriental and African Studies

Dr Shaena Montanari, American - *Developing isotope models to understand dietary radiation of mammals after the dinosaur extinction* - hosted by University of Edinburgh

Dr Wim Pierson, Belgian - *How PD-1 overexpression on Tfh and Tfr cells with age affects the germinal centre response* - hosted by Babraham Institute

Dr Ann-Christin Poepler, German - *Organometallics in the Solid State: Advanced Structure Elucidation by NMR Crystallography* - hosted by University of Warwick

Dr Marina Puglisi, Brazilian - *Reducing the risk of language and literacy disorders in preschoolers from disadvantaged backgrounds* - hosted by University of Oxford

Dr Jakub Radoszewski, Polish - *Software and Algorithms for manipulating "Next Generation Sequencing" data* - hosted by King's College London

Dr Kristine Richter, American - *Molecular Ancient Fish Remains Identification* - hosted by University of York

Dr Samuel Rund, American - *Illuminating the effects of light and time-of-day on malaria-transmitting mosquitoes* - hosted by University of Edinburgh

Dr Valentina Sclafani, Italian - *A comparative analysis of early mother-infant interactions between human and non-human primates* - hosted by University of Reading

Dr Satyaprasad P Senanayak, Indian - *Charge transport in solution processable devices: Interplay of structural and energetic disorder* - hosted by University of Cambridge

Dr Bahareh Shirinfar, Iranian - *Fluorescent receptors for glucose sensing* - hosted by University of Bristol

Dr Thomas Singleton, Canadian - *Making molecules that make molecules* - hosted by University of Manchester

Dr Nicholas Steinmetz, American - *Influence of two different feedback inputs on visual cortical activity and on perception* - hosted by University College London

Dr Jingyuan Sun, Chinese - *Characterisation of Fluidisation Processes through Advanced Monitoring and Computational Modelling* - hosted by University of Kent at Canterbury

Dr Kuan Boone Tan, Malaysian - *Carbon Nanotube-Magnetic Nanoparticle Hybrid System for Expansion of Umbilical Cord Blood Stem Cells* - hosted by University College London

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international fellowships •



THE
ROYAL
SOCIETY

Dr Roni Tibon, Israeli - *Expect the unexpected: The respective roles of schema and novelty in memory formation* - hosted by MRC Centre - Cambridge

Dr Venkatesh V, Indian - *Nanoscale photoactivation of therapeutic metal complexes* - hosted by University of Warwick

Dr Freek van Ede, Dutch - *How prior brain states shape working memory: on the role of neural oscillations in sensory cortex* - hosted by University of Oxford

Dr Giorgia Vocino, Italian - *The Art of Speech. The episcopal promotion of the trivium in early medieval Italy* - hosted by University of Cambridge

Dr Wenjiao Yao, Chinese - *Design and synthesis of new fluoride cathode materials for solid-state batteries* - hosted by University of St Andrews

Dr Thomas Younts, American - *Exploring neuronal integration in sensory cortical microcircuits in three dimensions* - hosted by University College London