

## 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

# newton

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