

**DISCOVERY PROJCTS QUEEN ELIZABETH II FELLOWS FOR FUNDING
COMMENCING IN 2008**

Fellow Name	Administering Organisation	Project Id	Approved Project Title
Dr DM Alais	The University of Sydney	DP0878371	Human time perception: A crossmodal investigation
Dr SH Bedford	The Australian National University	DP0880789	Persistence and transformation in Ancestral Oceanic Society: the archaeology of the first 1500 years in the Vanuatu archipelago
Dr M Beekman	The University of Sydney	DP0878924	Understanding social cancers: Intra-specific parasitism by honeybee workers
Dr SD Brown	The University of Newcastle	DP0878858	A new kind of dynamics for psychology
Dr M Cardillo	The Australian National University	DP0879971	Anatomy of a biodiversity hotspot: investigating the evolutionary and ecological basis of high plant diversity in southwestern Australia.
Dr M Chen	The University of Sydney	DP0878174	The evolutionary transition from anaerobic to aerobic metabolism
Dr B David	Monash University	DP0877782	Archaeology of the Gulf Province Lowlands, Papua New Guinea
Dr AG Dyer	Monash University	DP0878968	Colour visual processing by honeybees: solutions for decision making in complex environments
Dr A Fuhrer	The University of New South Wales	DP0879731	Towards Quantum Electromechanical Devices with Semiconductor Nanowires
Dr AD Greentree	The University of Melbourne	DP0880466	Solid Light: Frontiers and applications of solid-state Cavity Quantum Electro-Dynamics
Prof K Grice	Curtin University of Technology	DP0877167	Characteristics of organic matter formed in toxic, sulfide-rich modern and ancient environments
Dr BL Griffen-Foley	Macquarie University	DP0877911	From Print to the Internet: The Media in Australia since 1803
Dr SC Griffith	Macquarie University	DP0881019	Mate choice near and far: Genetic compatibility, sexual selection, and speciation in Australian grass finches
Dr G Hobbs	CSIRO - Australia Telescope National Facility	DP0878388	Gravitational wave detection through millisecond pulsar timing
Dr JL Hudson	Macquarie University	DP0878609	Environmental and genetic risk factors for anxiety disorders in children
Dr MA Kendrick	The University of Melbourne	DP0879451	Volatile recycling at the crust-mantle interface: Evidence from halogens and noble gases in deep-crustal fluids.
Dr Y Li	The University of Sydney	DP0877090	Dynamic Spectrum Access in Multi-Hop Wireless Broadband Networks
Dr B Liu	The Australian National University	DP0881391	Dynamic Analysis and Control for Hybrid Systems and Networks
Dr JP Marshall	University of Technology, Sydney	DP0880853	Chaos, Information Technology, Global Administration and Daily Life
Dr GP McNally	The University of New South Wales	DP0877430	Predicting danger: The nature, consequences, and neural mechanisms of predictive fear learning

Dr BI McNeil	The University of New South Wales	DP0880815	An Investigation into Oceanic CO ₂ Variability and its Influence on Atmospheric CO ₂ Concentrations
Dr B Minasny	The University of Sydney	DP0878870	Devising a methodology for the digital soil map of the world
Dr PL Munday	James Cook University	DP0877742	Global climate change and the future for coral reef fishes
Dr MT Murphy	Swinburne University of Technology	DP0877998	Galaxy formation and femtosecond frequency combs
Dr JS Mylne	The University of Queensland	DP0879133	Circular Plant Proteins with Pharmaceutical Applications
Dr BJ Powell	The University of Queensland	DP0878523	Strongly correlated electron models for organic superconductors
Dr JM Pringle	Monash University	DP0879480	Advanced Ionic Materials for Organic Photovoltaics.
Dr FA van Schaik	The University of Sydney	DP0881219	Electronic Auditory Pathway
Dr BR Wood	Monash University	DP0878464	Molecular characterization of stem cell differentiation and oocyte maturation using synchrotron infrared spectroscopy and Atomic Force Microscopy/Raman imaging
Dr DR Wood	The University of Melbourne	DP0879350	The Structure and Geometry of Graphs
Dr J Zhu	The University of Queensland	DP0879584	Development of Superflux Carbon Nanotube Membranes for Gas Separation