

**DISCOVERY PROJECTS AUSTRALIAN PROFESSORIAL FELLOWS FOR FUNDING
COMMENCING IN 2007**

Fellow Name	Administering Organisation	Project Id	Approved Project Title
Prof DA Abramson	Monash University	DP0773741	A Unified Grid Programming Methodology for Global e-Science
Prof CA Angell	The University of Sydney	DP0772893	Fluctuation Effects in Non-Crystallising Liquids
A/Prof C Barner-Kowollik	The University of New South Wales	DP0769972	Defining Polymer Structures in Radical Polymerization Systems: Chain Birth, Chain Growth and Complex Macromolecular Architectures
Prof I Bray	Murdoch University	DP0771153	Matter-antimatter interactions
Dr J Canning	The University of Sydney	DP0770692	Advanced Laser, Sensor and Diagnostic Technologies Using New Generation Micro- and Nano- Structured Fibres and Gratings
Prof A Curthoys	The Australian National University	DP0770332	Indigenous peoples, the British Empire, and self-government for the Australian colonies.
Prof SX Dou	University of Wollongong	DP0770205	Current limiting mechanisms in magnesium diboride superconductors
Prof MJ Finnane	Griffith University	DP0771492	Understanding forms of violence and their regulation in Australian history
Prof NR Gottlieb	The University of Queensland	DP0770358	Immigration, technology and literacy: key challenges for language policy in a changing Japan
A/Prof AR Hamilton	The University of New South Wales	DP0772946	Engineering Ultra-low Disorder Semiconductor Quantum Nanostructures
A/Prof LC Hollenberg	The University of Melbourne	DP0770715	Quantum Nanotechnology: Concepts to Devices
Prof IR Hunter	The University of Queensland	DP0772629	An intellectual history of theoretical innovation in the Anglo-American Humanities
Prof PA Koopman	The University of Queensland	DP0770036	How the Y Chromosome makes a male: Molecular genetic analysis of key sex-determining genes
Prof S Lewandowsky	The University of Western Australia	DP0770666	Keeping Memory Current: Updating and Discounting of Information
Prof OV Lipp	The University of Queensland	DP0770844	The many faces of threat: An investigation of animal, interpersonal and intergroup threat
Prof JE Malpas	University of Tasmania	DP0770352	Ethos and Topos: A Philosophical Investigation of the Ethics and Politics of Place
A/Prof JL Martin	The University of Queensland	DP0770465	Macrophage proteins: structure, function and e-science
Prof B Martinac	The University of Queensland	DP0769983	Force from lipids: the role of the lipid bilayer in mechanosensory transduction

Prof GJ McLachlan	The University of Queensland	DP0772887	Multivariate Methods for the Analysis of Microarray Gene-Expression Data with Applications to Cancer Diagnostics
Prof AM McLennan	The University of Sydney	DP0773324	Fixed points': extending and deepening our understanding of mathematical and computational aspects of game theory
Prof AH Millar	The University of Western Australia	DP0771156	The role of changes to the proteome in the signalling of stress response in plant mitochondria
Prof AM Orford	The University of Melbourne	DP0770640	Cosmopolitanism and the Future of International Law
Prof O Ostrovski	The University of New South Wales	DP0771059	Alternative technology for titanium tetrachloride: production and chlorination of titanium oxycarbonitride
Prof R Pitchford	The University of Sydney	DP0770418	Balancing the risk of harm with productivity in the mercurial firm: economic theory and applications to Australian policy.
Prof CE Praeger	The University of Western Australia	DP0770915	Finite permutation groups and flag-transitive incidence structures
Prof CJ Pybus	The University of Sydney	DP0770920	Recovered Lives as Windows on the Anglo Colonial World, 1750-1850
Dr CG Tinney	The University of New South Wales	DP0774000	The Science of Exoplanets - Finding & Understanding our Planetary Neighbours
Prof SD Tyerman	The University of Adelaide	DP0774063	Calcium compartmentation in leaves: testing an integrated model of water and calcium transport with cell specific functional genomics.
Prof M Varghese	The University of Adelaide	DP0770927	New approaches to index theory