

**DISCOVERY PROJECTS AUSTRALIAN RESEARCH FELLOWS FOR
FUNDING COMMENCING IN 2009**

Fellow Name	Administering Organisation	Project Id	Approved Project Title
Dr. A. McDonagh	University of Technology, Sydney	DP0984354	Tunable metallophthalocyanine complexes for molecular electronics
Dr. X. Liu	Swinburne University of Technology	DP0984637	Imbalanced superfluidity: The quantum mystery that defies solution
Dr. J. Brock	Macquarie University	DP0984666	Cognitive and neural causes of language impairment in autism
Dr. R. Chung	University of Tasmania	DP0984673	Redefining the metallothionein's role in the injured brain: extracellular metallothioneins play an important role in astrocyte-neuron responses to injury
Dr. M. Moulds	The University of New South Wales	DP0984791	Understanding and predicting the role of memory in depression recurrence
Dr. K. Ozawa	University of Wollongong	DP0984797	Mapping Protein Contacts and Conformational Changes in Macromolecular Assemblies
Dr. D. Rickles	The University of Sydney	DP0984930	The Development of Quantum Gravity
Dr. D. Batstone	The University of Queensland	DP0985000	Interspecies electron transfer in biotechnology
Dr. L. Yeo	Monash University	DP0985253	Electrohydrodynamically-Driven Microcentrifugation for Microfluidic Applications
Dr. F. Bezhan	Monash University	DP0985636	The Jihadi, Revolutionary and Anti-war Fiction in Afghanistan, 1978-2007
Dr. F. Garcia-Gonzalez	The University of Western Australia	DP0985859	The evolution of female multiple mating: genetic benefits and indirect genetic effects
Dr. E. Marchetti	Griffith University	DP0985987	Sentencing Indigenous offenders of partner violence: A fundamental comparative analysis of Indigenous sentencing courts and specialist family violence courts
Dr. A. Fleming	The University of Newcastle	DP0986319	New drives and control techniques for high performance piezoelectric actuation
Dr. T. Stace	The University of Queensland	DP0986352	Modelling Superconducting Quantum Devices
Dr. X. Yao	The University of Queensland	DP0986382	Fundamental study on hydrogen desorption from nanoscale Magnesium (Mg) hydrides
Dr. D. Arnold	The University of Queensland	DP0986621	Human Time Perception
A/Prof. H. Morita	The University of New South Wales	DP0986747	Partial equity ownership and knowledge transfer: An economic analysis of strategic alliances
Dr. M. Coster	Griffith University	DP0986795	Molecular probes for pancreatic cancer
Dr. P. Raiteri	Curtin University of Technology	DP0986999	Learning to predict polymorphism through simulation of nucleation and nanoparticle evolution
Dr. L. Sheppard	The University of New South Wales	DP0987084	An Innovative Solid-State Approach to Enhanced Solar-Hydrogen Production
Dr. P. Waters	The Australian National University	DP0987091	Origin and Evolution of Mammalian Dosage Compensation
Dr. R. Steinfeld	Macquarie University	DP0987734	Secure and Efficient Cryptographic

			Hashing
Dr. S. McLaren	The University of Melbourne	DP0987765	Thermal structure and evolution of the Australian continent
Dr. E. Gray	The Australian National University	DP0987834	Negotiating the Lifecourse: Longitudinal research into work and family transitions and trajectories
Dr. S. Qiao	The University of Queensland	DP0987969	Synthesis of Unique Mesoporous Graphitic Carbons and their Application to Fundamental Problems in Adsorption Science
Dr. M. Velonaki	The University of Sydney	DP0988336	Physicality, tactility, intimacy: interaction between humans and robots
Dr. K. Swaminathalyer	The University of Western Australia	DP0988351	Using magnetic nanotechnology to aid recovery from neurotrauma
Dr. K. Do	The University of Western Australia	DP0988424	Coordination control of underactuated ocean vehicles for ocean forecasting
Dr. D. Quevedo	The University of Newcastle	DP0988601	Feedback Architectures with Parallel Communication Channels
Dr. T. Zhang	The University of New South Wales	DP0988687	Development of High Performance Ceramic Based Thermoelectric Materials for Power Regeneration Applications
Dr. A. Weeks	The University of Melbourne	DP0988711	Genetic variation without sex: frequency-dependent selection and the maintenance of variation in asexual organisms

