

## 2005 DISCOVERY PROJECTS QUEEN ELIZABETH II FELLOWS

Fellow Name	Administering Organisation	Project ID	Project Title
Dr JJ Brocks	The Australian National University	DP0557499	Reconstruction of anoxic and toxic conditions in Australian lakes and ancient oceans
Dr RC Brooks	The University of New South Wales	DP0555964	Additive and non-additive genetic benefits of mating behaviour: a synthesis of sexual selection and conservation genetics
Dr D Del Favero	The University of New South Wales	DP0556659	Co-evolutionary narrative as machine autonomy in the relationship between artificial agents and human participants in interactive cinema
Dr A Dutkiewicz	The University of Sydney	DP0556493	Biosphere, hydrocarbon and ore fluid interactions in the Early Precambrian
Dr IM Harris	The University of Sydney	DP0557590	Recognition of rotated objects: paying attention to orientation
Dr NS Hart	The University of Queensland	DP0558681	Aquatic eye design: sharks and rays as models of underwater colour and luminance vision.
Dr JG Hartnett	The University of Western Australia	DP0557093	New High Precision Tests on the Standard Model of Physics and Relativity
Dr AM Hopkins	The University of Sydney	DP0557850	A new approach to understanding galaxy evolution
Dr J Hunt	The Australian National University	DP0556082	The Maintenance of Genetic Variation by Antagonistic Sexual Selection
Prof J Ismael	The University of Sydney	DP0556184	Time and Perspective in the Quantum World
Dr BT Kile	Walter & Eliza Hall Institute of Medical Research	DP0556154	GENOMIC/PHENOMIC IDENTIFICATION AND CHARACTERISATION OF NOVEL HEMATOPOIETIC REGULATORS
DrP Lam	The Australian National University	DP0557645	Continuous Variable Quantum Information Experiments
Dr AI Minett	University of Wollongong	DP0558091	Novel Carbon Nanotube Composite Materials: Elucidation of key properties for device development
Dr TA Nieminen	The University of Queensland	DP0559414	Optically-driven micromachines and microtools
Dr D Rubatto	The Australian National University	DP0556700	Accessory minerals and trace elements as monitors of partial melting and high-grade metamorphic processes in the crust.
Dr A Turpin	RMIT University	DP0558916	Using Past Queries for Fast and Accurate Web Searching
Dr X Wang	University of Wollongong	DP0558753	Exploration for new materials for spintronics
Dr G Zhang	University of Technology, Sydney	DP0557154	Generalizing Multi-level Decision Support Handling Multi-objectives, Multi-followers and Uncertainty for Critical Resource Planning