

2009 UNSW Goldstar Awards

CI Full Name	Project Title	Sponsor	School	Faculty	\$ Funded
James Cotton	The emergence of international relations in Australia: the articulation of a distinctive Australian strategic world view, from Versailles to Vietnam	ARC	Humanities and Social Sciences	ADFA	\$ 30,000
Clinton Fernandes	Insurgency in East Timor: Analysis of a victory	ARC	Humanities and Social Sciences	ADFA	\$ 30,000
Hussein Aly Abbass	Scenario Planning Techniques for Security and Defence	ARC	Information Technology & Electrical Engineering	ADFA	\$ 40,000
Total - ADFA					\$ 100,000
Pradeep Kumar Ray	Intelligent Situation Management : A New Paradigm for Disaster Management	ARC	Information Systems, Technology & Management	ASB	\$ 40,000
Paul Gordon Patterson	Ambidexterity - The Simultaneous Pursuit of Sales and Service Goals in a Retail Banking Context: A Cross National Study	ARC	Marketing	ASB	\$ 30,000
Elizabeth Thirlestane Maitland	Reconfiguring Foreign Subsidiaries: Multinationals in Australia	ARC	Organisation and Management	ASB	\$ 30,000
Salih Zeki Ozdemir	Intra-organisational Social Networks and Innovativeness: A Cross-national and Cross-industry Comparison	ARC	Strategy and Entrepreneurship	ASB	\$ 30,000
Total - ASB					\$ 130,000
Paula Dawson	Modeling Light: Michelangelo s techniques applied through a touch sensitive tool, to create 3D drawn content for holograms	ARC	Art	COFA	\$ 40,000
Total - COFA					\$ 40,000
Jason Anthony Scott	Clean energy generation and environmental remediation through the development of supported metal catalysts	ARC	Chemical Sciences & Engineering	ENGINEERING	\$ 40,000
Raymond Ian Gilbert	The time-dependent stiffness of cracked reinforced concrete	ARC	Civil and Environmental Engineering	ENGINEERING	\$ 40,000
Gang-Ding Peng	Spatially Mode-Locked Multi-Core Fibre Laser	ARC	Electrical Engineering and Telecommunications	ENGINEERING	\$ 40,000
Gary Rosengarten	Micro solar-collectors for portable energy conversion	ARC	Mechanical and Manufacturing Engineering	ENGINEERING	\$ 40,000
Jinling Wang	Optimal Integration of Multi-Sensors with Three Dimensional Map for Robust Navigation	ARC	Surveying and Spatial Information Systems	ENGINEERING	\$ 40,000
Total - Engineering					\$ 200,000
Lisa Maree Trahair	Film as Philosophy: An Investigation of a New Interdisciplinary Field	ARC	English, Media and Performing Arts	FASS	\$ 30,000
Katherine Margaret Albury	Young people, sex, love and the media	ARC	English, Media and Performing Arts	FASS	\$ 30,000
Marc Williams	Promoting Environmental Security in the Pacific: The Role of Civil Society	ARC	Social Sciences and International Studies	FASS	\$ 40,000
Total - FASS					\$ 100,000
Farah Magrabi	Safety of computer decision support systems in general practice	NHMRC	Centre for Health Informatics	MEDICINE	\$ 30,000

Gilles Guillemin	The involvement of tryptophan metabolites in the pathogenesis of Alzheimer's disease	NHMRC	Centre for Immunology	MEDICINE	\$ 40,000
Katharina Gaus	The implications of focal adhesion organization on signal transduction	NHMRC	Centre for Vascular Research	MEDICINE	\$ 40,000
Andrew John Moorhouse	Functional characterisation of the intracellular M3-M4 loop in anionic cys-loop LGICs	NHMRC	Medical Sciences	MEDICINE	\$ 40,000
Benjamin Kenneth Barry	Neuromuscular dysfunction in osteoarthritis of the knee	NHMRC	Medical Sciences	MEDICINE	\$ 40,000
David Peter Wilson	Mathematical modelling to explain and forecast the emergence of drug-resistant HIV in the Asia-Pacific region	NHMRC	NCHECR	MEDICINE	\$ 30,000
Claire Elaine Shepherd	Is monocyte chemoattractant protein-1 a mediator of chronic inflammation in Alzheimer's disease?	NHMRC	POWMRI	MEDICINE	\$ 40,000
Carol Dobson-Stone	Investigation of dysfunction of OPR1, a novel gene implicated in neurodegeneration	NHMRC	Prince of Wales Medical Research Institute	MEDICINE	\$ 40,000
Melissa Jayne Green	Shared genes and cognition in schizophrenia and bipolar disorder	NHMRC	Psychiatry	MEDICINE	\$ 40,000
Gordon Barraclough Parker	A Comparative Clinical Efficacy Trial of Treatments for Melancholia	NHMRC	Psychiatry	MEDICINE	\$ 40,000
Michael Joseph Valenzuela	The microstructure of brain reserve	NHMRC	Psychiatry	MEDICINE	\$ 40,000
Perminder Singh Sachdev	Neurocognitive and physical health in extreme old age: Sydney Centenarian Study	NHMRC	Psychiatry	MEDICINE	\$ 40,000
Judy Proudfoot	Mobile phone & internet-based psycho-education, self-help & support for bipolar disorder: Randomised controlled trial	NHMRC	Psychiatry	MEDICINE	\$ 40,000
Elizabeth Jean Comino	Investigating best practice primary care for older Australians with diabetes using data linkage	NHMRC	Public Health and Community Medicine	MEDICINE	\$ 30,000
Melina Gattellari	The PRISM study: A program of research informing stroke management using linked hospital and death data	NHMRC	Public Health and Community Medicine	MEDICINE	\$ 30,000
Patrick McNeil	Mast cell proteases in inflammatory arthritis	NHMRC	South Western Sydney Clinical School	MEDICINE	\$ 40,000
Suzanne Jean Hodgkinson	Adaptive T regulatory cells in neurological autoimmune diseases	NHMRC	South Western Sydney Clinical School	MEDICINE	\$ 40,000
Amany Zekry	Immune and metabolic mediators of liver injury in chronic hepatitis C	NHMRC	St George Clinical School	MEDICINE	\$ 40,000
David Alexander Brown	Molecular and cellular regulation of T-cell mediated neurodegeneration	NHMRC	St Vincent's Clinical School	MEDICINE	\$ 40,000
Total - Medicine					\$ 720,000
Peter David Steinberg	Effects of environmental change on bacterial disease and bleaching of marine algae	ARC	Biological, Earth and Environmental Science	SCIENCE	\$ 40,000
Ruiting Lan	Genomic and metabolomic analyses of virulence of Shigella and enteroinvasive E coli: potential pathways for intervention	NHMRC	Biotechnology and Biomedical Science	SCIENCE	\$ 40,000
Ricardo Cavicchioli	Monitoring Environmental Health and the Impacts of Climate Change the Australian Southern-Ocean Genome-Based Microbial Observatory (ASOMO)	ARC	Biotechnology and Biomolecular Science	SCIENCE	\$ 40,000
Michael James Manefield	The role of redox shuttles in microbial consortia	ARC	Biotechnology and Biomolecular Science	SCIENCE	\$ 40,000
Peter Andrew White	Viral polymerases and genetic variation in RNA viruses	ARC	Biotechnology and Biomolecular Science	SCIENCE	\$ 40,000
John Foster	Application of novel sutureless technology for eye surgery: 'Patch and Pin'	NHMRC	Biotechnology and Biomolecular Science	SCIENCE	\$ 40,000
Veena Harbhagwan Sahajwalla	Fundamentals of recycling waste rubber tyres in environmentally friendly steelmaking	ARC	Materials Science and Engineering	SCIENCE	\$ 40,000

Cui Hua Cheng	Growth of Atomically Flat Oxide Films with Chemical Solution Deposition: A Low Cost Manufacture Technology for High Performance Coated Conductors	ARC	Materials Science and Engineering	SCIENCE	\$ 40,000
Alexander Raj Sen Gupta	Projected changes to the large-scale Southern Hemisphere extratropics and links to regional Australian climate	ARC	Mathematics and Statistics	SCIENCE	\$ 40,000
Gabriel Abramowitz	Solutions to critical terrestrial model deficiencies in climate and weather prediction	ARC	Mathematics and Statistics	SCIENCE	\$ 40,000
Bruce Ian Henry	Modelling diseases that compartmentalise through dynamical interaction between the infection and the immune system	ARC	Mathematics and Statistics	SCIENCE	\$ 40,000
Mei-Ying Boon	Understanding mechanisms of experience-dependent plasticity in the human visual brain and the potential for vision improvement beyond childhood: electrophysiological study	ARC	Optometry and Vision Science	SCIENCE	\$ 40,000
Christopher Geoffrey Tinney	How do stars hide their planets?	ARC	Physics	SCIENCE	\$ 40,000
John Kelvin Webb	Precision Cosmology: The Epoch of Reionization	ARC	Physics	SCIENCE	\$ 40,000
Warrick Robin Clarke	Freestanding, Atomically Precise Silicon Nanowires	ARC	Physics	SCIENCE	\$ 40,000
Richard Allan Bryant	A Controlled Trial of Augmenting Cognitive Behaviour Therapy for Acute Stress Disorder with D-Cycloserene	NHMRC	Psychology	SCIENCE	\$ 40,000
Richard Allan Bryant	A Controlled Trial of Cognitive Behaviour Therapy for PTSD in Refugees	NHMRC	Psychology	SCIENCE	\$ 40,000
Thomas Denson	Alcohol, angry rumination, and aggression: The role of acute impairment of executive functioning	NHMRC	Psychology	SCIENCE	\$ 30,000
Total - Science					\$ 710,000
Total - All Faculties					\$ 2,000,000

Approved by:

Professor Les Field
Deputy Vice-Chancellor (Research)

signed



28 October 2008

date