

2007 Early Career Researchers Schedule

Faculty/School	Initials	Name	Project Title	Central Amount Granted \$	Faculty Amount Granted \$	Total Amount Granted \$
Faculty of Arts and Social Sciences						
Social Policy Research Centre	N	Cortis	Assessing self-employment as a strategy for balancing work and family	\$10,000		\$10,000
English	P	Dawson	Twenty-first Century Ommscoemce: Fiction after Postmodernism	\$12,000		\$12,000
History	J	Kalman	Significant Others: Imagining Jews and Muslims in Nineteenth-Century France	\$10,000		\$10,000
Politics and International Relations	S	Maddison	The politics of Aboriginal Australia: conflict and collective identity	\$12,372		\$12,372
Total - Arts & Social Sciences				\$44,372	\$0	\$44,372
Central funds to be allocated for 2007 ECRs				\$44,372		
Faculty of the Built Environment						
Built Environment	FTT	Phua	A comparative study of the cultural determinants of job satisfaction between senior managers in Australia and Hong Kong Construction Industry	\$11,035	\$11,833	\$22,868
Built Environment	S	Pinnegar	Understanding the role of low-value housing markets within broader metropolitan market dynamics	\$5,390	\$5,780	\$11,170
Built Environment	A	Murray	The Interference Project	\$5,302	\$5,685	\$10,987
Total - Built Environment				\$21,727	\$23,298	\$45,025
Central funds to be allocated for 2007 ECRs				\$21,727		
Funds to be provided by Faculty of Built Environment from FRGP					\$23,298	
Faculty of Business						
Banking & Finance	J	Parwada	Comparing the trade execution ability of domestic & foreign investors in U.S. stock markets	\$8,613	\$1,387	\$10,000
Economics	SW	Cho	Quantitative analysis on the macroeconomic implications of trade liberalization	\$8,613	\$1,387	\$10,000
Organisation & Management	SW	Kovacevic	Director networks in Australian companies	\$8,613	\$1,387	\$10,000
Marketing	M	Chylinski	Formation of multi goal contingent preference structures	\$8,613	\$1,387	\$10,000
Total - Business				\$34,452	\$5,548	\$40,000
Central funds to be allocated for 2007 ECRs				\$34,452		
Funds to be provided by Faculty of Business from FRGP					\$5,548	
COFA						
COFA Online & Omnium Research Group	S	McIntyre	Evaluating impact and affects that issues associated with time have on student motivation within fully online learning and teaching communities.	\$12,073		\$12,073
SOMA	M	Barker	Dome projection as a method for investigating art-science representation within the expanded cinematic context.	\$12,073		\$12,073
Total - COFA				\$24,146	\$0	\$24,146
Central funds to be allocated for 2007 ECRs				\$24,146		
Faculty of Engineering						
Biomed Eng	SL	Cloherly	Experimental and Mathematical Characterisation of Epiretinal Stimulation	\$22,000		\$22,000
Biomed Eng	P	Martens	Approaches to understanding the promotion of blood vessel formation in tissue engineered hydrogel constructs	\$24,000		\$24,000
Chem Sci & Eng	P	Le-Clech	Development of a submerged hollow fibre membrane module for in-situ fouling control of membrane bioreactor	\$22,000		\$22,000
Chem Sci & Eng	A	Smith	Binary skeletal metal catalysts for the selective and reversible electrolytic reduction of carbon dioxide to ethylene and ethane	\$30,000		\$30,000
CivEnv Eng	M	Oeser	A Micro-Mechanical Model for Viscous Materials	\$22,000		\$22,000
Elec Eng	A	Walsh	Application of supervised and unsupervised learning to analysis of arterial pulse wave morphology for measurement of continuous blood pressure	\$25,000		\$25,000
Mining Eng	S	Saydam	Investigation of Support Mechanism of Thin Spray-on Liners	\$21,000		\$21,000
Mining Eng	G	Sharrock	Determining rock mass strength and failure mechanisms in high stress mining environments	\$24,758		\$24,758
Total - Engineering				\$190,758	\$0	\$190,758
Central funds to be allocated for 2007 ECRs				\$190,758		
Faculty of Law						
Law	J	Nolan	Corporate Complicity in Human Rights Violations	\$11,062		\$11,062
Law	J	Riley	Workplace dispute resolution after Work Choices: Design challenges for a private contract-based model	\$11,050		\$11,050
Total - Law				\$22,112	\$0	\$22,112
Central funds to be allocated for 2007 ECRs				\$22,112		

Faculty/School	Initials	Name	Project Title	Central Amount Granted \$	Faculty Amount Granted \$	Total Amount Granted \$
Faculty of Medicine						
CPHCE	C	Amoroso	SNAP decisions: A qualitative study on GPs' decision-making in the screening and management of chronic disease risk factors, Smoking, Nutrition, Alcohol and Physical Activity	\$20,383	\$19,617	\$40,000
Psychiatry	T	Anderson	The correlates of poor memory, mental health and wellbeing in ageing: are they different in the old (aged > 80 years) ?	\$13,759	\$13,241	\$27,000
St Vincent's Clin. Sch	D	Brown	Molecular and cellular regulation of central nervous system immunity.	\$20,383	\$19,617	\$40,000
SPHCM	J	Bunker	A project to assess the effectiveness and feasibility of case finding of Chronic Obstructive Pulmonary Disease (COPD) by practice nurses in General Practice.	\$19,874	\$19,126	\$39,000
SOMS	T	Carroll	Neural mechanisms of inter-manual transfer of learning: implications for the contralateral strength training effect.	\$19,874	\$19,126	\$39,000
SOMS	H	Chen	Metabolic consequences in offspring, of maternal smoke exposure and obesity.	\$20,383	\$19,617	\$40,000
POWMRI	A	Chetcuti	Characterisation of Schizophrenia Associated Genes Using a Model of Antipsychotic Drug Action	\$18,854	\$18,146	\$37,000
Dpt Opthamology	V	Chowdhury	Development of an Extraocular Retinal Implant (Bionic Eye) for Blind Patients.	\$13,759	\$13,241	\$27,000
St Vincent's Clin. Sch	C	Clarke	Characterisation of Two-Pore Domain Potassium Channels: The Molecular Basis of TASK-2 Cell Volume Sensitivity	\$20,383	\$19,617	\$40,000
NCHECR	C	Day	Injecting drug users' perceptions and experiences of clinical trials.	\$18,345	\$17,655	\$36,000
POWMRI	C	Dobson-Stone	Genetic Analysis of attention-deficit hyperactivity disorder 'signature' brain markers	\$20,383	\$19,617	\$40,000
Psychiatry	M	Green	Remediation of facial emotion processing in bipolar disorder and schizophrenia.	\$10,192	\$9,808	\$20,000
Psychology	J	Grisham	Affective and Cognitive Consequences of Emotional Regulation Strategies in Social Phobia	\$5,096	\$4,904	\$10,000
CPHCE	P	Harris	Human health and wellbeing in environmental assessment in New South Wales: Auditing health impacts within environmental assessments for major urban development projects.	\$13,759	\$13,241	\$27,000
Medical Oncology	N	Kasparian	Psychological well-being and coping amongst young adults with MEN 2A and their families	\$20,383	\$19,617	\$40,000
CFI	J	Lamoury	The kynurenine pathway metabolism in mesenchymal stem cells and its implications for stem cell differentiation.	\$20,383	\$19,617	\$40,000
POWMRI	T	Purves-Tyson	Is Neuritin regulation involved in steroid-induced regeneration of pelvic autonomic neurons, implications for diabetes-related erectile and bladder dysfunction	\$19,874	\$19,126	\$39,000
NCHECR	D	Regan	Determining the impact of routine targeted screening strategies on prevalence of sexually transmitted <i>Chlamydia trachomatis</i> in Australia.	\$5,096	\$4,904	\$10,000
CVR	C	Rentero Alfonso	Imaging Immunological Samples	\$20,383	\$19,617	\$40,000
SWS Clin Sch	A	Short	Sound and silence in the emergency department: An exploration of noise in relation to patient stress responses.	\$8,663	\$8,337	\$17,000
SOMS	D	Simar	A new model to study insulin-stimulated glucose transport in type 2 diabetes	\$18,345	\$17,655	\$36,000
Psychiatry	T	Slade	Improving the accuracy and validity of prevalence estimation from structured diagnostic interviews for mental disorders.	\$18,345	\$17,655	\$36,000
NCHECR	C	Vajdic	Cancer in people with HIV/AIDS: incidence and risk factors in the era of effective antiretroviral therapy.	\$15,287	\$14,713	\$30,000
SOMS	D	Wilson	Modelling the potential benefits-risks of antiretroviral-containing microbicides for settings with high HIV prevalence.	\$20,383	\$19,617	\$40,000
St George Clin Sch	A	Zekry	HCV-Specific Effector Memory CD8-T cell Responses as Early Predictors of Viral Clearance	\$20,383	\$19,617	\$40,000
SOMS	G	Zhang	GSK-dependent Egr-1 phosphorylation mediated by modification of Thr and Ser in Egr-1	\$10,192	\$9,808	\$20,000
Total - Medicine				\$433,143	\$416,857	\$850,000
Central funds to be allocated for 2007 ECRs				\$433,143		
Funds to be provided by Faculty of Medicine from FRGP					\$416,857	

Faculty/School	Initials	Name	Project Title	Central Amount Granted \$	Faculty Amount Granted \$	Total Amount Granted \$
Faculty of Science						
BABS	T	Thomas	Impact of biofilm growth on the genomic diversification of the marine bacterium, <i>Rosebacter</i> strain 2.10	\$10,000		\$10,000
BABS	F	Pomati	Evaluation of pharmaceuticals as environmental pollutants by means of a toxicogenomic approach	\$10,000		\$10,000
BABS	R	Lin	Identification of candidate genes responsible for cardiac inotrophy	\$10,000		\$10,000
BEES	E	Johnston	Temporal scale and invasion resistance: assessing the role of disturbance, diversity and composition.	\$10,000		\$10,000
BEES	A	Maklakov	The role of mutation accumulation and antagonistic pleiotropy in the evolution of ageing	\$10,000		\$10,000
Chemistry	JA	Stride	Nano-structured materials from the solvothermal route	\$10,000		\$10,000
Maths	M	Roughan	Impact of rainfall variability on flushing timescales in low inflow estuaries	\$10,000		\$10,000
Maths	SA	Sisson	Bayesian inference using non-reversible Markov chains	\$10,000		\$10,000
MSE	RY	Yang	Microdynamic study of the flow of granular materials in bladed mixers	\$11,117		\$11,117
MSE	NV	Valanoor	Domain Exchange Mechanisms in Ferroic Heterostructures	\$11,117		\$11,117
Physics	MR	Cunningham		\$20,000		\$20,000
Physics	M	Jormakka		\$20,000		\$20,000
Psychology	TF	Denson	A laboratory study of endocrine and cardiovascular reactivity to interpersonal provocation: The moderating role of personality	\$10,000		\$10,000
Psychology	JR	Grisham	Affective and cognitive consequences of emotion regulation strategies in social phobia	\$10,000		\$10,000
Psychology	SJ	Sharman	The role of rumination, depression, and mood in people's forgetting of negative and positive autobiographical memories	\$10,000		\$10,000
Safety Sc	C	Caponecchia		\$10,000		\$10,000
Safety Sc	B	Frechede		\$5,000		\$5,000
Total - Science				\$187,234	\$0	\$187,234
Central funds to be allocated for 2007 ECRs				\$187,234		
UNSW@ADFA						
ACME	S	O'Byrne	Laser-induced combustion enhancement	\$9,269	\$9,955	\$19,224
PEMS	I	Takken	The impact of flow interception at road cut-slopes on catchment hydrology and water quality	\$13,018	\$13,982	\$27,000
ITEE	G	Milford	High Frequency Equivalent Circuit Network Synthesis	\$10,125	\$10,875	\$21,000
ITEE	R	Stocker	Strategy, perception and emergent instability in large dynamic social network simulations	\$9,643	\$10,357	\$20,000
Total - University College, ADFA				\$42,056	\$45,168	\$87,224
Central funds to be allocated for 2007 ECRs				\$42,056		
Funds to be provided by UNSW@ADFA from FRGP					\$45,168	
TOTAL ALL FACULTIES				\$1,000,000	\$490,871	