



**Australian Government**

**National Health and Medical Research Council**

## Postgraduate Scholarships for funding commencing in 2015

The NHMRC Postgraduate Scholarships (PGS) scheme supports outstanding health and medical graduates early in their career so they can be trained to conduct research that is internationally competitive, and develop a capacity for original independent research within Australia.

The Postgraduate Scholarships are very competitive and offered to a limited number of graduates of outstanding ability who wish to make research a significant component of their career. This year NHMRC received 215 Postgraduate Scholarship applications of which 69 have been awarded funding.

The applications listed below were approved for funding by the former Minister for Health, the Hon Peter Dutton MP.

<b>Application ID</b>	<b>Applicant Name</b>	<b>Scientific Title</b>	<b>Administering Institution</b>	<b>Budget</b>
1092732	Ms Dympna Leonard	So like your Mum! Is the health of mothers in far north Queensland reflected in the nutrition and growth of their children in early life?	James Cook University	\$93,777
1092741	Ms Camilla Hanson	Barriers and Disparities in Access to Living Donor Kidney Transplantation	University of Sydney	\$41,965
1092805	Dr Sarah Price	Health consequences for mother and baby of substantial pre-conception weight loss in obese women	University of Melbourne	\$90,628
1092876	Katherine Downing	Investigating sedentary behaviour and screen time in early childhood	Deakin University	\$62,697
1092891	Ms Jashelle Caga	Individual Differences in Coping with a Diagnosis of ALS: Psychosocial Adjustment and Implications for Psychological Treatment Planning	University of Sydney	\$105,437

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1092922	Kiryu Yap	Optimising human vascularisation and liver tissue engineering models to develop functional bio-artificial human liver tissue	University of Melbourne	\$120,671
1092988	Dr Joshua Petterwood	A randomised controlled trial investigating three dimensional knee joint kinematics in total knee replacement - a comparison of cruciate retaining, posterior cruciate sacrificing and medially stabilised designs.	University of Melbourne	\$80,614
1093011	Ms Jennifer Browne	Improving the policy development process in Aboriginal health: the case of the rise and fall of nutrition from the national agenda	La Trobe University	\$105,437
1093032	Sameera Ansari	Activating Primary Care COPD Patients with Multi-morbidity (APCOM) Pilot Project	University of New South Wales	\$76,288
1093089	Ms Amy Hamilton	Integrated Clinical and Scientific Studies in Post-Operative Crohn's Disease	University of Melbourne	\$69,608
1093096	Ms Abigail Haynes	How can we influence the ways that research and other information are used in health policy and program organisations?	University of Sydney	\$41,965
1093101	Ms Angelique Ralph	The impact of living kidney donation on donor-recipient relationships	University of Sydney	\$105,437
1093107	Ms Helen Phelan	Determinants of Glycemic Control in Australian Children with Type 1 Diabetes- A National Population Based Study.	University of Sydney	\$87,948
1093115	Ms Natasha Franklin	The Indigenous Australian Malnutrition project	Baker IDI Heart and Diabetes Institute Holdings Limited	\$70,458
1093129	Dr Kacey O'Rourke	Assessing the utility of circulating cell-free microRNA as biomarkers for response in a variety of Non Hodgkin Lymphomas	The University of Queensland	\$90,628

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1093145	Mr Sam Brilleman	Joint longitudinal and time-to-event models for applications in health research	Monash University	\$83,429
1093152	Dr Mervyn Kyi	Proactive Specialist Diabetes Inpatient Team to improve outcomes in hospitalised patients with diabetes	University of Melbourne	\$120,671
1093169	Dr Gabrielle Diplock	Alice Springs Hospital Readmission Prevention Project	Baker IDI Heart and Diabetes Institute Holdings Limited	\$120,671
1093182	Matthew Poole	Speech impairment in frontotemporal dementia and primary progressive aphasia	University of Melbourne	\$50,054
1093229	Mr Chris Schilling	The economics of surgery: using routine and registry data to improve policy, with particular reference to congenital heart disease (the Fontan procedure) and prosthetic surgery (hip and knee replacements)	University of Melbourne	\$83,429
1093259	Ms Sarah Milne	Does rehabilitation increase the functional independence of people with Friedreich ataxia?	Murdoch Childrens Research Institute	\$79,203
1093437	Dr Shekeeb Mohammad	Advances in the understanding of autoimmune encephalitides and associated movement disorders in children	University of Sydney	\$67,262
1093468	Dr Norelle Sherry	Understanding the disease burden and antibiotic resistance in patients with bloodstream infections caused by Enterobacteriaceae in Australia	University of Melbourne	\$120,671
1093506	Dr Yet Khor	Domiciliary oxygen therapy in interstitial lung disease	Institute for Breathing and Sleep	\$120,671
1093519	Ms Yao Wang	HtrA4-induced endothelial dysfunction in early-onset preeclampsia	Monash University	\$83,429

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1093521	Dr Jason Trubiano	Antibiotic Allergy Testing and its Impact on Antimicrobial Stewardship in the Immunocompromised Host	University of Melbourne	\$120,671
1093545	Dr Vera Golder	Determinants of outcomes in SLE: impact of models of care, socioeconomic factors and biologic variables in a multiethnic Australian population	Monash University	\$120,671
1093616	Dr Ming-Celine Dubosq	Development of chimeric antigen receptors for the treatment of haematological malignancies	University of Sydney	\$70,600
1093637	Mrs Holly Anderton	The role of TNF superfamily in skin disease	The Walter and Eliza Hall Institute of Medical Research	\$83,429
1093639	Dr Stefan Kane	Maternal ophthalmic artery Doppler waveform analysis in the assessment and management of pre-eclampsia	University of Melbourne	\$90,628
1093703	Ms Lauren Carpenter	A comprehensive approach to solutions for child oral health, wellbeing and development	University of Melbourne	\$83,429
1093720	Ms Natasha Franklin	The Indigenous Australian Malnutrition Project	Baker IDI Heart and Diabetes Institute Holdings Limited	\$70,458
1093728	Dr Moya Vandeleur	The impact of sleep disturbance on daytime functioning, mood and quality of life in children and adolescents with cystic fibrosis.	Monash University	\$60,586
1093733	Dr Pasquale Fedele	Investigating the role of BLIMP1/PRDM1 and XBP1 as potential tumour suppressors in multiple myeloma.	The Walter and Eliza Hall Institute of Medical Research	\$120,671
1093740	Miss Zoe Aitken	The association between disability acquisition, socio-economic disadvantage and health: a longitudinal analysis of trajectories of disability	University of Melbourne	\$83,429

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1093777	Miss Brittany Campbell	The role of pre-conception exposures in offspring risk of asthma and allergies	University of Melbourne	\$83,429
1093778	Shalini Arunogiri	The investigation of markers of relapse and potential therapeutic targets in methamphetamine dependence using novel techniques	Monash University	\$120,671
1093784	Dr Pramudith Sirimanna	Development, validation and implementation of a technical and non-technical skills training curriculum for laparoscopic appendicectomy surgery	University of Sydney	\$40,557
1093794	Mr Ian Skinner	Why do people develop chronic low back pain? An investigation of brain function as a predictor of chronic low back pain.	University of New South Wales	\$93,777
1093801	Mr Kee Ming Chia	Androgen Receptor Signaling in Breast Cancer	Ludwig Institute for Cancer Research Ltd	\$83,429
1093806	Dr Louis Wang	Molecular and structural determinants of myocardial dysfunction and prognosis in left and right heart failure.	Victor Chang Cardiac Research Institute Limited	\$120,671
1093826	Miss Silvie Prazakova	The Non-Occupational Lung Asbestos Exposure Study	University of New South Wales	\$83,429
1093830	Dr Chrishan Nalliah	Impact of renal transplantation on cardiac arrhythmia burden and type and risk of sudden cardiac death in patients with chronic kidney disease	Melbourne Health	\$120,671
1093831	Ms Nicole Sheers	Lung Volume Recruitment in Neuromuscular Disease: Can "breath-stacking" improve lung function, respiratory symptoms and quality of life in people with neuromuscular disorders?	Institute for Breathing and Sleep	\$105,437
1093846	Dr Amanda Wade	Models of care for hepatitis C in the era of directly acting antivirals	The Macfarlane Burnet Institute for Medical Research and Public Health Ltd	\$120,671

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1093852	Doctor Sean Lal	Establishing the Intrinsic Regenerative Capacity of the Adult Human Heart in Health and Disease and the use of Recombinant Cellular Growth Factors to Reverse Heart Failure in vitro	University of Sydney	\$107,319
1093858	Mrs Emma Grace	Participation in online conversations by young people with disabilities who are non-speaking: Does e-mentoring work?	The Flinders University of South Australia	\$76,288
1093872	Dr Sheila Sivam	Obesity Hypoventilation Syndrome and Neurocognitive Dysfunction	University of Sydney	\$120,671
1093875	Ms Vanessa Veronese	Exploring HIV sexual risk behaviours among 'hidden' MSM in Myanmar and opportunities to improve health through information communication technology (ICT) platforms	The Macfarlane Burnet Institute for Medical Research and Public Health Ltd	\$83,429
1093884	Dr Tien Lee	Stress hyperglycaemia and mortality in critical illness: Defining the association and underlying mechanisms	The Flinders University of South Australia	\$120,671
1093967	Mrs Kelly Stanton	The effect of moderate and high intensity exercise on cardiovascular health and cardiac remodelling	The Heart Research Institute Ltd	\$107,319
1094045	Dr Kevin Liou	Double blind, randomised controlled trial assessing the efficacy of endothelin-1 receptor antagonism in preventing peri-procedural myonecrosis in patients with non-ST elevation acute coronary syndrome undergoing percutaneous coronary intervention	University of New South Wales	\$120,671
1094063	Mr Daniel O'Keefe	Understanding the impact of harm reduction program coverage on the incidence of blood borne viruses and related risk behaviours	The Macfarlane Burnet Institute for Medical Research and Public Health Ltd	\$83,429
1094094	Ms Ava Tan-Koay	Understanding gene-environment interactions in relation to risk of age-related cataract	University of Sydney	\$83,429

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1094117	Dr Eric Hau	Overcoming Radiation Resistance in Glioblastoma with Novel Metabolic Modulations	University of New South Wales	\$60,586
1094126	Dr Genia Rozen	Uterine function following radiotherapy	University of Melbourne	\$120,671
1094241	Ms Alison Laycock	Supporting knowledge translation in Aboriginal and Torres Strait Islander primary health care: a developmental evaluation of a stakeholder engagement process to support use of evidence in systems and policy change	Menzies School of Health Research	\$62,697
1094295	Queena Qin	Energy supply in glaucoma: one cell's trash is another cell's treasure	Centre for Eye Research Australia Ltd	\$120,671
1094304	Dr Jonathan Brett	Developing a Framework to Evaluate Low Value Prescribing in the Australian Health Care Setting	University of Sydney	\$120,671
1094320	Dr James Whittle	Cell Survival Pathways as Potential Targets in Breast Cancer	The Walter and Eliza Hall Institute of Medical Research	\$120,671
1094325	Mr Benjamin Daniels	Big data to real world evidence: Informing pharmaceutical policy decisions around targeted cancer medicines	University of Sydney	\$83,429
1094327	Dr Melanie Wyld	Chronic kidney disease: natural history of disease, cost and quality of life	University of Sydney	\$70,600
1094384	Jerrett Lau	Remote ischaemic preconditioning and its effect on coronary physiology and platelet and leukocyte activation.	ANZAC Research Institute	\$120,671
1094388	Dr Peter Savas	Understanding the clinical significance of tumour genomic architecture and host immune response in breast cancer.	University of Melbourne	\$80,614

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1094518	Dr Nicholas Medland	The HIV Treatment Cascade: improved individual and population health outcomes through a better understanding of the natural history of HIV and its treatment in modern health care systems.	Monash University	\$90,628
1094571	Helen Robinson	Assessing the effect of carbohydrate intake in overweight and obese pregnant women and in women with gestational diabetes	The University of Queensland	\$120,671
1094595	Ms Alison Laycock	Supporting knowledge translation in Aboriginal and Torres Strait Islander primary health care: a developmental evaluation of a stakeholder engagement process to support use of evidence in systems and policy change	Menzies School of Health Research	\$62,697
1094606	Liping Wang	Experimental and computational study on biomechanical behavior of osteocytes	University of South Australia	\$83,429
1094631	Dr Andrew Gogos	The role of the Hippo-YAP pathway in glioma stem cells.	University of Melbourne	\$80,614