



Australian Government

National Health and Medical Research Council

Postgraduate Scholarships for funding commencing in 2016

The NHMRC Postgraduate Scholarships scheme provides opportunities for health, medical and dental graduates to undertake postgraduate training in health and medical research in Australia.

The major objectives of the scheme are to train outstanding health, medical and dental graduates early in their career so they can conduct research that is internationally competitive, and to develop a capacity for original independent research in Australia.

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 231 Postgraduate Scholarship applications of which 69 were successful.

The applications listed below were approved for funding by the Minister for Health, the Hon. Sussan Ley MP.

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1113806	Mrs Shona Goldsmith	An exploration of cerebral palsy aetiology: assisted reproductive technology and congenital anomalies	University of Sydney	\$89,420.00
1113818	Miss Xin Dai	Environmental risk factors and genetic modifiers for lung health and lung function in a high risk cohort	University of Melbourne	\$95,348.00
1113872	Miss Kara Perks	The role of mitochondrial dysfunction in metabolic disease	University of Western Australia	\$61,383.33

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1113920	Ms Emma Thomas	How can program implementation be maximised to enhance the scale and public health impact of the Kerala Diabetes Prevention Program (KDPP)?	University of Melbourne	\$107,204.00
1113954	Doctor Kathleen Morrisroe	Quantifying the burden of systemic sclerosis in Australia: From data linkage to patient reported outcomes	University of Melbourne	\$81,976.00
1114000	Doctor Susan Dobson	Environmental Risk Factors for Primary Progressive Multiple Sclerosis	University of Tasmania	\$84,800.00
1114079	Doctor Catherine Bateman-Steel	Gender as a determinant of health – consolidating the evidence base. An analysis of gender equity and health outcomes in lower income countries, with a focus on maternal and neonatal mortality	University of New South Wales	\$122,714.00
1114086	Mr Qi Li	Using diffusion MRI for understanding the relationship between memory decline and corticothalamic tracts	University of Melbourne	\$56,700.00
1114120	Doctor Mihiri Silva	The relationship between genes, environment and oral disease in childhood - a study of twins	Murdoch Childrens Research Institute	\$88,765.67
1114181	Ms Marnie Graco	Towards better management of obstructive sleep apnoea in chronic tetraplegia	Institute for Breathing and Sleep	\$71,636.00
1114189	Doctor Emma O'Lone	Cardiovascular disease; priorities and outcomes for people with chronic and end stage kidney disease	University of Sydney	\$81,976.00
1114194	Mrs Chelsea Mauch	Translating obesity prevention research into practice: targeting infants at risk	The Flinders University of South Australia	\$107,204.00
1114218	Doctor Nicholas Larkins	The prevalence and trajectory of kidney disease in urban Aboriginal children	University of Sydney	\$92,160.50

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1114242	Doctor Rishu Agarwal	Circulating tumor DNA to monitor treatment response and resistance in mantle cell lymphoma	University of Melbourne	\$122,714.00
1114265	Doctor Matthew Pitman	The role of chemokine signalling in maintenance of the latent HIV reservoir	University of Melbourne	\$92,160.50
1114284	Doctor Anselm Wong	Management and Risk Prediction of Paracetamol overdose	Monash University	\$98,950.17
1114350	Mr Jordan Loader	Mechanisms of vascular dysfunction during acute and chronic hyperglycemia	Australian Catholic University Limited	\$56,700.00
1114379	Doctor Joseph Kong	Exploiting Genetic Analysis to Predict Response and to Discover Novel Molecular Targeted Therapies for Rectal Cancer	University of Melbourne	\$81,976.00
1114408	Doctor Pierre Qian	Renal Artery Denervation Performed With Noncontact Circumferential Endovascular Ablation Using A Novel Microwave Catheter	University of Sydney	\$88,765.67
1114409	Doctor Thomas Forbes	Characterising the molecular basis of cystic kidney diseases using kidney organoids created by directed differentiation of patient-derived, induced pluripotent stem cells.	Murdoch Childrens Research Institute	\$122,714.00
1114472	Doctor Sujitha Thavapalachandran	Platelet Derived Growth Factor Mediated Activation and Rejuvenation of Endogenous Cardiac Stem Cells	University of Sydney	\$102,345.00
1114522	Miss Laura Jolliffe	Increasing the use of intervention research evidence in acquired brain injury rehabilitation	La Trobe University	\$107,204.00
1114525	Ms Alaina Vaisey	An evaluation of the impact of a chlamydia testing intervention on general practitioner knowledge, attitudes and chlamydia testing rates	University of Melbourne	\$84,800.00

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1114529	Doctor Nidhi Garg	Clinical phenotypes and novel neurophysiological and immunological biomarkers in inflammatory neuropathy and neurodegeneration	University of Sydney	\$81,976.00
1114539	Doctor Andrea Viecelli	Strategies to improve vascular access outcomes in haemodialysis patients	The University of Queensland	\$102,345.00
1114542	Doctor Jasna Aleksova	The Effect of Androgen Replacement Therapy on Bone and Muscle Health in Men with Chronic Kidney Disease	Monash University	\$122,714.00
1114567	Doctor Richard Liu	Determinants of cardiovascular health over the lifecourse in a population-based cohort study of Australian families	Murdoch Childrens Research Institute	\$92,160.50
1114588	Doctor Lawrence Ong	Vitamin D and Genetic Susceptibility In Multiple Sclerosis	University of Sydney	\$122,714.00
1114589	Doctor Angela Lee	Type 1 diabetes and the metabolic syndrome: Defining this modern-day phenotype, and exploring the effects of exercise on glycaemic control and both traditional and novel diabetes complications	University of Sydney	\$122,714.00
1114606	Doctor Alice Cottee	Advanced Characteristics of Chronic Obstructive Pulmonary Disease Exacerbations	University of Sydney	\$122,714.00
1114631	Doctor Dave Listijono	Molecular basis for female age-associated decline in oocyte quality and fertility	University of New South Wales	\$71,791.50
1114651	Miss Shari O'Brien	Training to enhance lower limb motor control in hemiplegic cerebral palsy.	The University of Queensland	\$107,204.00
1114676	Doctor Dunia Alarkawi	Osteoporotic Fracture-Mortality Association and the Effect of Anti-osteoporosis Treatment: A Multinational Study	The Garvan Institute of Medical Research	\$84,800.00

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1114690	Doctor Iain Abbott	Optimisation of beta-lactam antibiotic therapy as a strategy to improve efficacy and combat the emergence of resistance	Monash University	\$122,714.00
1114696	Doctor Ella Meumann	Molecular epidemiology of Mycobacterium tuberculosis infection in the Northern Territory, Australia	Menzies School of Health Research	\$122,714.00
1114750	Doctor Yasaman Djavadhani	Chronotherapy for hypertension in obstructive sleep apnoea	University of Sydney	\$48,027.67
1114753	Doctor Howard Tang	Understanding the pathogenesis, phenotypic variation and risk prediction of childhood asthma using computational approaches	University of Melbourne	\$122,714.00
1114760	Doctor Angela Titmuss	PANDORA Wave 1: Assessment of the impact of maternal diabetes on growth and nutritional indicators, cardio-metabolic risk factors and developmental risk of pre-school aged children living in the Northern Territory.	Menzies School of Health Research	\$122,714.00
1114789	Ms Sara Shahrestani	Improving Outcomes of Transplantation by Targeting Retrieval, Care and Complications	University of Sydney	\$70,750.00
1114801	Doctor Tejaswi Kandula	Chemotherapy-induced peripheral neuropathy in the pediatric population: risk factors, assessment strategies and functional outcomes	University of New South Wales	\$88,765.67
1114804	Doctor Sabashini Ramchand	The Effects of Zoledronic Acid on Bone Architecture in Premenopausal Women with Breast Cancer Receiving Adjuvant Combined Ovarian Suppression and Aromatase Inhibitor Therapy: A Randomised Controlled Trial.	University of Melbourne	\$122,714.00
1114811	Doctor Geraldine Ooi	Pathophysiology and treatment of nonalcoholic fatty liver disease: Effects of bariatric surgery	Monash University	\$88,765.67

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1114836	Doctor Premarani Sinnathurai	Determinants and Impact of Patient-Centred Health Outcomes in Psoriatic Arthritis	University of Sydney	\$88,765.67
1114837	Ms Emily Morrice	Overcoming Barriers to Creating Healthy, Equitable Cities: An Evaluation of the Implementation of Plan Melbourne and the 20-Minute Neighbourhoods	University of Melbourne	\$84,800.00
1114909	Ms Namitha Mohandas	An integrated “omic” approach to neurodevelopmental disorders using disease-discordant monozygotic twins	Murdoch Childrens Research Institute	\$84,800.00
1114924	Mrs Adina Lang	The relationship between early childhood caries and childhood overweight and obesity	University of Melbourne	\$84,800.00
1114932	Mrs Sandra Staffieri	A glint or a squint should make you think! A randomised, controlled study to determine the impact of an eye-health awareness program for new parents	Centre for Eye Research Australia Limited	\$95,348.00
1114935	Mrs Kelly Roeszler	The effect of α -actinin 3 deficiency on regulation of skeletal muscle mass in health and disease.	Murdoch Childrens Research Institute	\$84,800.00
1114940	Doctor Aleksandr Voskoboinik	Exploring the link between alcohol and atrial fibrillation recurrence: a multicentre randomised controlled trial	Baker IDI Heart and Diabetes Institute Holdings Limited	\$122,714.00
1114963	Doctor Elizabeth Palmer	Application of Next Generation Sequencing for the Diagnosis of Epileptic Encephalopathy: the science, the costings and the impact.	University of New South Wales	\$122,714.00
1114966	Ms Susan Cartledge	Postgraduate Scholarship_SCartledge	Monash University	\$36,068.00
1114970	Doctor Jessica Day	HMGB1: a novel player in the pathogenesis of inflammatory myositis?	The University of Adelaide	\$84,800.00
1114974	Doctor Ken Liu	Discovering New Biomarkers in Hepatocellular Carcinoma	Centenary Institute of Cancer Medicine and Cell Biology	\$122,714.00

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1115012	Miss Anna-Liisa Sutt	Towards an improved understanding of the effect of a speaking valve on lung volumes and communication in the critically ill tracheostomised patient	The University of Queensland	\$44,960.00
1115041	Doctor Yee-May Ling	Epigenetics in myelodysplastic syndromes	Monash University	\$88,765.67
1115055	Ms Angela Burge	Physical activity in community dwelling people with chronic obstructive pulmonary disease	La Trobe University	\$107,204.00
1115063	Doctor Thomas Ford	Comprehensive invasive assessment of coronary plaque vulnerability using endothelial shear stress, physiology and optical coherence tomography in humans with coronary artery disease	University of Sydney	\$122,714.00
1115163	Doctor Matias Yudi	Smartphone based secondary prevention program for patients with acute coronary syndromes: a randomised control trial	University of Melbourne	\$122,714.00
1115167	Mr Minh Thien Nguyen	Sleep, telomere length and cardiorespiratory phenotype in 11-12 year old children: Cross-sectional Australian national population based study	Murdoch Childrens Research Institute	\$84,800.00
1115169	Miss Kathy Trieu	Evaluating the effectiveness of interventions to reduce population salt intake	The George Institute for Global Health	\$84,800.00
1115172	Doctor Nitesh Nerlekar	CompUted Tomography Coronary Angiography, Transthoracic Echocardiography AnD Assessment of AssOciation Between Obesity, Weight reduction and Coronary Plaque (CUTDOWN)	Monash University	\$122,714.00
1115183	Doctor Andrew Gauden	Vascular targeting combined with radiosurgery in an arteriovenous malformation rat model	Macquarie University	\$102,345.00

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1115188	Doctor Sunita De Sousa	ARMC5 and other genetic contributions in endocrine neoplasia	The University of Adelaide	\$122,714.00
1115196	Doctor Sarah McGuinness	Investigating the incremental health benefits of improving water quantity versus improving water quality using riverbank filtration technology (RBF) in six rural communities in India	Monash University	\$122,714.00
1115259	Ms Anita van Zwieten	Defining an ethical and evidence-based approach to clinical research in children and adolescents with chronic kidney disease (CKD)	University of Sydney	\$84,800.00
1115271	Doctor Frances Ampt	Reducing unintended pregnancies among female sex workers in Kenya using mHealth: a randomised controlled trial	Burnet Institute	\$92,160.50
1115305	Doctor Anthony Pisaniello	The impact of omega-3 fatty acids on the inflammatory mediators of heart disease	South Australian Health and Medical Research Institute Limited	\$48,027.67
1115347	Mr Robert Commons	Primaquine radical cure of Plasmodium vivax malaria: a risk-benefit analysis	Menzies School of Health Research	\$122,714.00
1115389	Mrs Samantha Joplin	Accelerated Long term Forgetting in Children with Genetic Generalised Epilepsy: an investigation of the temporal trajectory and contribution of executive skills.	University of Sydney	\$107,204.00