



Australian Government

National Health and Medical Research Council

Postgraduate Scholarships for funding commencing in 2017

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 234 Postgraduate Scholarship applications of which 74 were successful.

The applications listed below were approved for funding.

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1132717	Doctor Jay Ramchand	An investigation into ACE2 as a molecular and genetic link to human coronary artery disease	University of Melbourne	\$90,182.67
1132764	Miss Cherie Strikwerda-Brown	Altered sense of identity in dementia: cognitive and neurobiological underpinnings	University of New South Wales	\$108,902.00
1132803	Ms Anneliese Synnot	Stakeholder involvement to set priorities for health communication and participation research	La Trobe University	\$93,846.17

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1132822	Mr Kevin Hendrawan	Determining the mechanisms of tolerance after autologous stem cell transplantation for Multiple Sclerosis – the role of CD39+ T regulatory cells	University of New South Wales	\$86,117.00
1133019	Doctor Glen Guerra	Exploring the immune landscape of anal squamous cell carcinoma and the therapeutic utility of immunotherapies	University of Melbourne	\$48,790.67
1133037	Doctor Nicola Lawrence	Optimising cooperative group cancer clinical trials in the era of molecularly targeted treatments	University of Sydney	\$48,790.67
1133049	Ms Tatiane Yanes	Psychosocial Aspects of Genomic Testing for Breast Cancer Risk	University of New South Wales	\$108,902.00
1133054	Miss Raisa Cassim	An investigation into the relationship between physical activity and asthma in children	University of Melbourne	\$36,173.75
1133059	Miss Tamara Blake	Spirometry and fractional exhaled nitric oxide (FeNO) reference values for Aboriginal and Torres Strait Islander Australians	Queensland University of Technology	\$78,790.33
1133107	Doctor Edmond Kwan	Enhancer RNAs as cancer drivers and predictive biomarkers of BET inhibitor therapy	Monash University	\$124,676.00
1133121	Mrs Courtney Ryder	Quality of life, associated psychological and economic family impacts, and trajectory of recovery in Aboriginal and Torres Strait Islander paediatric burns patients.	The George Institute for Global Health	\$86,117.00
1133144	Mr Andrew Lau	Treatment of rectal chlamydia infection in gay and bisexual men	University of Melbourne	\$64,712.75
1133151	Ms Angela Davis	Online pornography and sexual risk behaviour, health and wellbeing: An evidence-informed and needs-based approach to health promotion and sex education for young people	Burnet Institute	\$81,360.50

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1133155	Doctor Melissa Northcott	Glucocorticoid signatures in SLE	Monash University	\$124,676.00
1133177	Mr Harold Matthews	Application of 3D morphometrics to the assessment of typical and disordered craniofacial growth	Murdoch Childrens Research Institute	\$48,065.00
1133186	Mr Felix Leung	A prospective investigation of musculoskeletal and vestibular deficits post-concussion in adolescent rugby players	Australian Catholic University Limited	\$66,745.67
1133237	Ms Alison Conquest	Modelling Age-related Macular Degeneration using patient specific induced pluripotent stem cells	Centre for Eye Research Australia Limited	\$86,117.00
1133266	Doctor Chloe Stutterd	The use of next generation sequencing to diagnose neurogenetic disease	Murdoch Childrens Research Institute	\$55,689.33
1133271	Doctor Catherine Ngan	Tissue engineering skeletal muscle – An important link in the neuro-prosthetic interface of bionic limbs.	University of Melbourne	\$86,733.33
1133299	Doctor Joshua Osowicki	Group A streptococcal human challenge study	University of Melbourne	\$124,676.00
1133304	Ms Neha Kaul	Dietary therapies for the treatment of drug-resistant epilepsy	University of Melbourne	\$69,756.83
1133317	Doctor Lena von Schuckmann	Determining the natural history of localized high-risk melanoma and risk factors for melanoma metastasis	The University of Queensland	\$103,980.00
1133318	Ms Gemma Enright	Enhancing behaviour change via incentives: improving childhood obesity outcomes	The George Institute for Global Health	\$62,334.50

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1133322	Ms Lorelle Martin	Revealing the Roadblocks: Timely ST-segment Elevation Myocardial Infarction (STEMI) management over total ischaemic time in metropolitan, regional and rural Victoria.	La Trobe University	\$72,768.00
1133337	Ms Roslyn Prichard	Advanced heart failure management with ventricular assist therapy – Evaluating Australian costs of care and effectiveness from implant to transplant or end of life	University of Technology Sydney	\$45,667.50
1133360	Doctor Sarah Garner	Dengue host-cell signalling interactions: novel insights and interventions	The Walter and Eliza Hall Institute of Medical Research	\$124,676.00
1133366	Doctor Andrea Coleman	Prevention of Otitis Media with Probiotics in Indigenous Children	The University of Queensland	\$100,530.67
1133403	Doctor Titi Chen	Defining the role of kidney CD103+ dendritic cells in kidney disease for potential therapies	University of Sydney	\$124,676.00
1133487	Doctor Sarah Gutman	Improved Tissue Characterisation with Cardiac Magnetic Resonance Imaging and Echocardiography in Identification of Acute Rheumatic Fever and its Chronic Sequelae	Baker IDI Heart and Diabetes Institute Holdings Limited	\$124,676.00
1133514	Doctor Shona Hendry	Microenvironmental effects on tumour behaviour	University of Melbourne	\$86,733.33
1133521	Doctor Yahn Weei Angela Sheu	The relationship between osteoporosis and diabetes: exploring the bone-metabolism interface	The Garvan Institute of Medical Research	\$124,676.00
1133526	Doctor Geoffrey Wong	Genetic Predisposition to Abnormal Atrial Substrate in Atrial Fibrillation (GENE-AF Study)	Melbourne Health	\$100,530.67
1133538	Mr James Cooney	Host cell signalling during HTLV-1 infection: novel insights and interventions	The Walter and Eliza Hall Institute of Medical Research	\$62,334.50

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1133541	Ms Camille Paynter	Communication, quality of life and advance care planning for people with motor neurone disease and their caregiver.	University of Melbourne	\$108,902.00
1133548	Miss Kobi Best	Sensory Exposure of Neonates in Single-room Environments (SENSE)	The University of Queensland	\$108,902.00
1133563	Doctor Jeremy Rajanayagam	The role of mucosal-associated invariant T (MAIT) cells and gut micro-biota in the pathogenesis of paediatric autoimmune liver disease (AILD).	University of Melbourne	\$124,676.00
1133607	Doctor Helen Sherrell	Predicting intrapartum fetal compromise at term using the fetal cerebro-umbilical ratio and placental growth factor levels	The University of Queensland	\$86,733.33
1133610	Doctor Sue-Faye Siow	Diagnostic and therapeutic implications of whole genome sequencing and phenotyping in hereditary spastic paraplegia	University of Sydney	\$124,676.00
1133622	Miss Jenna-Lee Kirchner	Feasibility, Safety, Adherence, and Efficacy for High Intensity Interval Training in a Hospital-Initiated Rehabilitation Program for Heart Disease	The University of Queensland	\$75,779.17
1133627	Ms Justine Fletcher	Implementing Safewards in Victoria: Evaluating acceptability and outcomes for consumers and staff	University of Melbourne	\$81,801.50
1133644	Ms Stephanie Tesson	Developing a psychological model of care for adolescents and young adults with complex congenital heart disease	University of Sydney	\$86,117.00
1133649	Doctor Julien Schulberg	Stricture Definition and Treatment (STRIDENT) Studies: New Diagnostic and Treatment Modalities for Inflammatory Bowel Disease Strictures	University of Melbourne	\$124,676.00

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1133670	Doctor Anita Campbell	Invasive Staphylococcus Aureus disease in children; epidemiology, treatment and outcomes	University of Western Australia	\$124,676.00
1133673	Doctor Helen Wu	The role of peripheral blood microRNAs as biomarkers of Alzheimer's disease	University of New South Wales	\$83,284.00
1133682	Ms Isabella Leung	Modifying Cognitive Trajectories Using Computerised Cognitive Training	University of Sydney	\$72,768.00
1133707	Doctor Kareeann Khow	Fragility Fractures And Outcomes in Older People	The University of Adelaide	\$86,733.33
1133743	Ms Melissa Middeldorp	Weight and risk factor management and assessment of socioeconomic status to assess impact on AF progression	The University of Adelaide	\$86,117.00
1133793	Doctor John Woods	Palliative care outcomes among Indigenous Australians: analysis of a nationwide dataset	University of Western Australia	\$43,308.50
1133811	Ms Emma Nicholson	BDNF Genotype and Emotional Memory in Post-traumatic Stress Disorder	University of Tasmania	\$108,902.00
1133825	Ms Gabriela Simonova	Building a bridge between animal models of blood transfusion and clinical practice: Development of sheep laboratory models to investigate the effects of transfusion	The University of Queensland	\$86,117.00
1133903	Doctor Yuan Lim	Does metformin have a disease modifying effect in symptomatic knee osteoarthritis? A multicentre randomised, double-blind, placebo-controlled trial	Monash University	\$124,676.00
1133909	Doctor Leah Curran	Development of a transdiagnostic intervention for patients with cancer experiencing anxiety in the context of ongoing uncertainty	University of Sydney	\$72,768.00

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1133921	Ms Genevieve Coorey	Evaluation of a consumer-focused eHealth strategy for cardiovascular disease risk reduction	The George Institute for Global Health	\$59,956.25
1133956	Doctor Pankaj Jain	Recovery of left ventricular function after insertion of left ventricular assist device: evaluation of echocardiographic parameters and longitudinal analysis	University of New South Wales	\$124,676.00
1133957	Doctor Mardiana Lee	Energy Metabolism in Renal Fibrosis	University of Melbourne	\$76,385.33
1133977	Doctor Matthew Yong	Surgical Management of the Pulmonary Circulation in Children	Murdoch Childrens Research Institute	\$114,328.00
1134004	Doctor Sara Wahlroos	Metabolic effects of exercise on breast cancer	The Garvan Institute of Medical Research	\$124,676.00
1134017	Doctor Louisa Lo	Circulating Tumour DNA as a Personalized Biomarker in ER Positive Metastatic Breast Cancer	University of Melbourne	\$124,676.00
1134023	Doctor Hariharan Sugumar	CAPLA Study: Catheter ablation for persistent atrial fibrillation. A Multicentre randomised study of pulmonary vein antral isolation (PVAI) alone vs PVAI with posterior Left Atrial wall isolation (PWI)	Baker IDI Heart and Diabetes Institute Holdings Limited	\$124,676.00
1134075	Doctor Narendar Manohar	An investigation of dietary patterns and transitions in disadvantaged Australian preschool children: A Birth Cohort Study	University of Western Sydney	\$86,117.00
1134081	Doctor Simone Visser	Epidemiology and Management of Bronchiectasis in Australian Adults	University of Sydney	\$124,676.00
1134083	Doctor Kyle Crassini	mRNA expression profiling of chronic lymphocytic leukaemia (CLL) cells from in vivo hypoxic microenvironmental niches; applications for in vitro research and clinical management.	University of Sydney	\$124,676.00

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1134095	Doctor Bianca Middleton	Strategies to reduce the burden of gastroenteritis in Aboriginal children.	University of Western Australia	\$124,676.00
1134107	Doctor Deepak Subramanian	Identification of Genetic Variation Predisposing to Ovarian Cancer	University of Melbourne	\$124,676.00
1134125	Doctor Joanna Tieu	Optimising therapy in anti-neutrophil cytoplasmic antibody (ANCA) associated vasculitis	The University of Adelaide	\$124,676.00
1134198	Mrs Katharine McBride	Understanding the risk factors and burden of heart disease and stroke for Aboriginal and Torres Strait Islander women	South Australian Health and Medical Research Institute Limited	\$86,117.00
1134202	Doctor Edward Abadir	A New Therapeutic Monoclonal Antibody Targeting CD302 in Acute Myeloid Leukaemia	ANZAC Research Institute	\$124,676.00
1134203	Doctor Tyson Fricke	Outcomes of the arterial switch operation: A multi-centre study	Murdoch Childrens Research Institute	\$86,733.33
1134261	Doctor Rachel Wells	Plasmapheresis as a Novel treatment of Postural Tachycardia Syndrome: a randomised controlled trial	The University of Adelaide	\$97,081.33
1134268	Doctor Iain Perkes	Pathophysiological decision-making in children with obsessive-compulsive disorder and tic disorders: action-selection and imaging correlates	University of New South Wales	\$124,676.00
1134274	Doctor Melissa Lee	Elucidating the pathophysiological mechanisms leading to the development of hypertension late after repair of coarctation of the aorta: The key to decreasing premature death from hypertension after arch repair	Murdoch Childrens Research Institute	\$48,790.67
1134295	Doctor Tami Yap	The role of microRNA in oral mucosal disorders	University of Melbourne	\$62,588.00

Application ID	Applicant Name	Application Title	Administering Institution	Budget
1134309	Doctor Anthony Sammel	The use of positron emission tomography (PET), novel immune and microbiological biomarkers to improve the diagnosis and prognostication of giant cell arteritis	University of Sydney	\$124,676.00
1134340	Doctor Edward Buratto	National Database of Patients with Atrioventricular Septal Defects	Murdoch Childrens Research Institute	\$45,341.33