



**Australian Government**

**National Health and Medical Research Council**

## Postgraduate Scholarships for funding commencing in 2019

The Postgraduate Scholarship scheme provides funding for successful applicants to attain a research based postgraduate degree (Doctor of Philosophy or Research Masters degree).

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 227 Postgraduate Scholarship applications of which 78 were successful.

The applications listed in the table below have been approved for funding by the Minister for Health, the Hon Greg Hunt MP.

<b>Application ID</b>	<b>Applicant Name</b>	<b>Application Title</b>	<b>Administering Institution</b>	<b>Budget</b>
APP1168119	Mrs Amy Villarosa	Development and implementation of the Children's Healthy Eating and Weight Intervention (CHEWI) program for dental therapists in Australia	Western Sydney University	\$88,502.00
APP1168132	Doctor Renata Libianto	Primary Aldosteronism: Prevalence, Clinical Features, and Biomarkers	Monash University	\$128,225.00
APP1168138	Miss Anna Ross	Mitigating the impact of the media on stigmatising attitudes towards people with severe mental illness	University of Melbourne	\$96,491.50



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APP1168142	Sharman Tan Tanny	Utilising high resolution impedance manometry to diagnose and manage oesophageal dysfunction in children with oesophageal atresia	Murdoch Children's Research Institute	\$110,485.42
APP1168150 <sup>[1]</sup>	Alana Gall	Wellbeing and Quality of Life of Indigenous People	Menzies School of Health Research	\$99,502.00
APP1168186	Doctor Samuel Chan	Infectious complications following kidney transplantation	University of Queensland	\$114,033.34
APP1168194	Ms Ann Livingstone	The costs, benefits and patient and clinician preferences of adjuvant immunotherapy in melanoma (Health Economics)	University of Sydney	\$84,105.50
APP1168202	Doctor Karen Waller	Infectious diseases in solid organ transplantation	University of Sydney	\$50,170.83
APP1168209	Doctor Michael Thompson	Achieving a balance between the risks and benefits of cumulative lifetime sun exposure	University of Tasmania	\$114,033.34

<sup>[1]</sup> Includes \$11,000 short term support to Facilitate International Indigenous Researcher Networks (FIIRN)



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APP1168214	Ms Rose Gilmore	Social skills training for teenagers with brain injuries. Randomised controlled trial investigating a parent assisted social skills group program	University of Queensland	\$93,395.00
APP1168216	Ms Jamie Waterland	Prehabilitation in Cancer Surgery	University of Melbourne	\$84,105.50
APP1168218	Doctor Elizabeth Paratz	Improving rates of causal diagnosis in sudden cardiac death: genetic and forensic approaches	Baker Heart and Diabetes Institute	\$128,225.00
APP1168226	Ms Gillian Gorham	Considering place in the delivery of cost-effective services for Aboriginal people in rural and remote Northern Territory	Menzies School of Health Research	\$50,044.00
APP1168270	Doctor Thomas Wilson	Characterisation and treatment of nephropathy in patients with a Fontan circulation	Murdoch Children's Research Institute	\$96,293.76
APP1168273	Doctor Alexander Bryson	Understanding epilepsy: from genes to neural circuits	Florey Institute of Neuroscience and Mental Health	\$46,622.92
APP1168276	Mr Scott McAlister	Environmental and economic impacts associated with unnecessary routine pathology testing in Victorian public hospitals	University of Melbourne	\$64,057.00



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APP1168307	Doctor Aspasia Pefanis	Regulated necrosis in ischemia reperfusion injury	University of Melbourne	\$92,745.83
APP1168313	Doctor Matthew Hyett	Clarifying Shared and Unique Neurocognitive Processes across Depression and Dementia	University of Western Australia	\$88,502.00
APP1168363	Mr Mohammad Hoq	Determining age-specific reference intervals for pathology tests in children using normative data collected in multiple paediatric centres in Victoria, Australia	Murdoch Children's Research Institute	\$32,278.50
APP1168372	Mr Jason Chiang	A Study of Multimorbidity in Type 2 Diabetes: Exploration of Associations between Multimorbidity, Mortality and Glycaemia in People with Type 2 Diabetes	University of Melbourne	\$32,278.50
APP1168409	Ms Louisa Walsh	Social media use in public hospitals to enhance consumer engagement in health service design and delivery	La Trobe University	\$111,974.00
APP1168560	Ms Penelope Hill	Determining the impact of health service utilisation on opioid overdose incidence among people who inject drugs	Burnet Institute	\$44,501.00
APP1168567	Doctor Ran Li	Investigating the role of the immunity in HER2-positive breast ductal carcinoma in situ and invasive ductal carcinoma and response to HER2 targeted treatment	University of Melbourne	\$96,293.75



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APP1168597	Ms Jessica Hazelton	The Role of Interoceptive Processing in Frontotemporal Dementia	University of Sydney	\$88,502.00
APP1168601	Mr Paul Dunn	Identifying New Genes and Genetic Factors Causing CADASIL and related Stroke and Vascular Dementia Disorders	Queensland University of Technology	\$88,502.00
APP1168602	Doctor Christopher Li Wai Suen	Acute severe ulcerative colitis - clinical and translational studies	University of Melbourne	\$128,225.00
APP1168606	Doctor Eric Au	Reducing the burden of cancer in patients with chronic kidney disease	University of Sydney	\$85,650.00
APP1168607	Senthil Thillainadesan	Mouse Model of Personalised Medicine in Diabetes and Insulin Resistance	University of Sydney	\$128,225.00
APP1168623	Doctor Anna-Gerardina McLean	Improving outcomes for women with diabetes in pregnancy in Far North Queensland	Menzies School of Health Research	\$114,033.34
APP1168666	Xanthi Coskinas	Changes to design aspects of ongoing randomised controlled trials (RCT)	University of Sydney	\$64,057.00



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APP1168668	Diana MacKay	Improving the implementation of recommended postpartum care of Aboriginal and Torres Strait Islander women in the Northern Territory and Far North Queensland following a pregnancy complicated by diabetes	Menzies School of Health Research	\$128,225.00
APP1168672	Miss Brenda Maria Rosales	Improving long-term outcomes in kidney transplant recipients: towards tailored treatment	University of Sydney	\$51,834.50
APP1168688	Ms Rachel Farber	Examination of the impact of shifting practice from plain film mammography to digital mammography	University of Sydney	\$34,723.00
APP1168776	Doctor Jennifer Li	Dendritic cell pathophysiology and cellular therapy in acute kidney injury and transplantation	University of Sydney	\$128,225.00
APP1168793	Ms Clare Bellhouse	How can we better support first-time parents in the transition to parenthood and early parenting?	University of Melbourne	\$96,491.50
APP1168809	Doctor Peter Chan	Advances in Contactless Patient Monitoring in the Inpatient Setting	Monash University	\$114,033.34
APP1168812	Ms Mei Ling Lim	Relationship between health literacy and fear of falling in community-dwelling older adults	University of New South Wales	\$81,009.00



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APP1168854	Doctor Siddharth Trivedi	Speckle Tracking Strain Echocardiography in the detection of Arrhythmogenic Substrates that lead to Sudden Cardiac Death	University of Sydney	\$92,745.83
APP1168925	Mrs Pamela D'Sylva	Improving recognition and management of chronic wet cough in young Aboriginal children by caregivers and health care workers in the Kimberley	University of Western Australia	\$56,237.00
APP1168941	Doctor Sudhakshini Raghunath	Cognitive dysfunction in SLE: diagnostic tools, biological correlates and patient impact	Monash University	\$99,841.67
APP1168948	Mr Joseph Alvin Santos	Salt Intake and Cardiometabolic Diseases: Exploring the link between national, household, and individual-level salt-related factors with cardiometabolic disease risk in low and middle-income countries	University of New South Wales	\$66,501.50
APP1168954	Mr Michael Curtis	Understanding the impact of opioid substitution therapy programs on drug use, health service utilisation, morbidity and mortality among people who inject drugs following release from prison	Burnet Institute	\$88,502.00
APP1168980	Mr Jeffrey Smith	Characterisation of the RBP-RNA interactome: A transcriptome-wide approach to measuring the perturbation of post-transcriptional processes	Walter and Eliza Hall Institute of Medical Research	\$46,945.50
APP1168983	Doctor Toan Pham	Novel Vaccine Targeting Colonic Adenoma: A Pre-Clinical Model	University of Melbourne	\$50,170.83



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APP1168994	Simon Carter	Standardised Outcomes in Nephrology - Glomerulonephritis (SONG-GN): establishing core outcomes for trials in patients with glomerulonephritis	University of Sydney	\$96,293.75
APP1169037	Mr Dillon Adam	Bayesian phylogeography of viral pathogens of public health significance - integrating epidemiological data with phylogenetics for epidemic response	University of New South Wales	\$34,723.00
APP1169039	Ms Anagha Killedar	Tackling the inequality and economic burden of obesity in Australian children	University of Sydney	\$64,057.00
APP1169042	Doctor Daniel Tan	Lifetime asthma in the development of fixed airflow obstruction: strategies for prevention and early detection	University of Melbourne	\$128,225.00
APP1169076	Lynda McNamara	Implementation of the early diagnosis of cerebral palsy guidelines in the Australian context: exploring the impact of online educational interventions on physician behaviour and patient outcomes	University of Sydney	\$111,974.00
APP1169080	Ms Bridget Draper	How to provide hepatitis C testing and treatment in resource-constrained settings: implementation and health service delivery research	Burnet Institute	\$88,502.00
APP1169091	Doctor Matthew Hare	Intergenerational metabolic health in Indigenous and non-Indigenous Australians – Understanding trends, determinants and outcomes	Menzies School of Health Research	\$128,225.00





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APP1169149	Talia Gutman	Establishing an evidence-based framework for involving patients in research about chronic kidney disease	University of Sydney	\$66,501.50
APP1169192	Doctor Alicia Jones	Osteo-improve: Development and evaluation of a co-designed, innovative health service delivery and community education initiative to improve regional and remote consumer and clinician osteoporosis understanding and management	Monash University	\$128,225.00
APP1169204	Doctor Hayley Barnes	Clinical and biological approaches to improving diagnostic confidence of Chronic Hypersensitivity Pneumonitis	Monash University	\$128,225.00
APP1169213	Mrs Liza Barbour	Protecting our planet and our population: the local government policy response to support an environmentally sustainable diet	Monash University	\$111,974.00
APP1169220	Doctor Michael Loftus	Ways of Halting Antimicrobial resisTance In Fiji (WHAT-IF)	Monash University	\$128,225.00
APP1169224	Doctor David Chieng	Catheter Ablation for Persistent Atrial Fibrillation: A Multi-centre, Prospective, Randomized Trial of Pulmonary Vein Isolation (PVI) versus PVI with Posterior Left Atrial Wall Isolation (PWI)	Baker Heart and Diabetes Institute	\$128,225.00
APP1169246	Doctor Alpha Raj Mekapogu	Pathway to a Novel Treatment for Pancreatic cancer – Targeting the Microenvironment	University of New South Wales	\$61,612.50



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APP1169269	Doctor Anna Balabanski	Aboriginal and Torres Strait Islander stroke incidence, mortality and disability study	Monash University	\$92,745.83
APP1169298	Doctor Rob Mitchell	Triage systems for emergency care: a contemporary evaluation	Monash University	\$128,225.00
APP1169331	Doctor Yun Tae Hwang	Characterisation of sleep disturbance and assessing its impact on patients with frontotemporal dementia	University of Sydney	\$78,554.17
APP1169357	Doctor Prasanna Venkataraman	Assessment of subclinical atherosclerosis to improve prevention of coronary artery disease	Baker Heart and Diabetes Institute	\$128,225.00
APP1169358	Doctor Ramanathan Parameswaran	Randomised Evaluation of the Impact of Catheter Ablation on Psychological Distress and Neurocognitive function in Atrial fibrillation (REMEDIAL study)	Melbourne Health	\$39,612.00
APP1169377	Ms Briana Lees	Investigating binge drinking and neurodevelopment in young Australians	University of New South Wales	\$61,612.50
APP1169386	Doctor Joshua Laing	The development and management of post traumatic epilepsy	Monash University	\$89,197.92



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APP1169389	Doctor Brendon Neuen	Improving global outcomes in diabetes and chronic kidney disease	University of New South Wales	\$82,102.09
APP1169416	Doctor Monica Zen	Preeclampsia - prediction, prevention and long-term effects	Western Sydney Local Health District	\$89,197.92
APP1169460	Gerard Chu	Analysing the immune response and optimising the effectiveness of Mesothelin CAR T-cell therapy in cancer	Centenary Institute of Cancer Medicine and Cell Biology	\$92,745.83
APP1169477	Doctor Jenny Chen	A Renal Patient's Journey – Prediction analyses for chronic kidney disease and dialysis patients using health data linkage methodology	University of New South Wales	\$128,225.00
APP1169487	Doctor Ned Kinnear	Impact of the acute surgical unit on a local, national and global scale	University of Adelaide	\$99,841.67
APP1169509	Bella Nguyen	Tumour-derived extracellular vesicles (EV) – a real time functional assessment of tumour activity in patients with head and neck cancer (HNC)	University of Western Australia	\$103,389.59
APP1169514	Doctor Nenad Macesic	Genomic approaches for understanding resistance to polymyxins in carbapenem-resistant Enterobacteriaceae	Monash University	\$71,458.34



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APP1169541	Ms Gulshan Ali	Association of obesity and metabolic biomarkers with asthma, COPD and lung function both in children and adult population of Melbourne and Tasmania	University of Melbourne	\$88,502.00
APP1169594	Anis Hamid	Somatic genomic alterations as predictors of clinical outcomes and benefit from chemohormonal therapy in metastatic hormone sensitive prostate cancer	University of Melbourne	\$85,650.00
APP1169613	Mr Jathushan Palasubramaniam	19F Magnetic Resonance Imaging of Thrombosis and Vulnerable Atherosclerotic Plaque	Baker Heart and Diabetes Institute	\$128,225.00
APP1169632	Nicholas Kerr	Mechanisms of phenotypic diversity in cardiac sodium channelopathies	University of New South Wales	\$110,485.42
APP1169635	Sally Coburn	Optimising quality of life, and participation in physical and sporting activity in young adults with hip pain	La Trobe University	\$111,974.00
APP1169673	Praveen Indraratna	A randomised controlled trial of a comprehensive smartphone application-centric model of care to improve outcomes in patients with cardiovascular disease	University of New South Wales	\$96,293.75
			<b>TOTAL</b>	<b>\$7,090,796.48</b>