



**Australian Government**

**National Health and Medical Research Council**

## Postgraduate Scholarships for funding commencing in 2022

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

The aim of the Postgraduate Scholarship scheme is to support outstanding health and medical graduates to be trained to conduct research that is internationally competitive, and develop a capacity for original independent research within 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 193 Postgraduate Scholarship applications of which 65 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>APP ID</b>	<b>Chief Investigator Name</b>	<b>Application Title</b>	<b>Administering Institution</b>	<b>Budget</b>
APP2013798	Doctor Luke McLean	Understanding response and resistance to immunotherapy in immunocompromised patients with cutaneous squamous cell carcinomas	University of Melbourne	\$ 135,002.00
APP2013800	Doctor Yew Li Dang	Using twin studies to investigate epilepsy aetiology and antiepileptic drug-induced birth defects	University of Melbourne	\$ 135,002.00
APP 2013809	Doctor Lucy McGrath-Cadell	Understanding the genetics and mechanisms of spontaneous coronary artery dissection	University of New South Wales	\$ 97,640.33
APP 2013816	Doctor Ralley Prentice	The Pregnancy in Crohn's and Colitis - Observations, Levels and Outcomes Extension (PICCOLO - X) study	Monash University	\$ 101,376.50



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APP 2013817	Doctor Julia Lai-Kwon	Harnessing the power of Patient Reported Outcomes (PROs): demonstrating novel applications of PROs in the care of oncology patients	University of Melbourne	\$ 135,002.00
APP 2013821	Doctor Michael Zhu	Long-term Outcomes of Surgery for Diseases of the Aortic Valve in Children	Murdoch Childrens Research Institute	\$ 116,321.17
APP 2013829	Doctor Jayson Jeganathan	Negative Symptoms of Psychosis	The University of Newcastle	\$ 93,904.17
APP 2013831	Doctor Ouli Xie	Evolution of Streptococcal pathovars	University of Melbourne	\$ 123,793.50
APP 2013839	Doctor Adrian Lee	Towards the understanding of the immunopathogenesis of autoantibody-mediated systemic diseases: new approaches to old problems	The Garvan Institute of Medical Research	\$ 135,002.00
APP 2013842	Doctor Jessica Fairley	Meeting an unmet need in systemic sclerosis: defining the burden of arrhythmia and sudden cardiac death	University of Melbourne	\$ 135,002.00
APP 2013844	Doctor Michael Lim	Randomised Evaluation of the Impact of Catheter Ablation versus Medical Therapy on Psychological Distress and Neurocognitive Function in Atrial Fibrillation	Melbourne Health	\$ 135,002.00
APP 2013845	Ms Tara Guckel	Advancing the prevention and early intervention for co-occurring anxiety and alcohol use disorders	University of Sydney	\$ 93,056.00
APP 2013862	Doctor Adithya Balasubramanian	Targeting immune resistance mechanisms to enhance anti-tumour immunity in Non-Small Cell Lung Cancer	The Walter and Eliza Hall Institute of Medical Research	\$ 97,640.33
APP 2013877	Doctor Larissa Trease	Risk factors for and burden of low back pain in elite athletes.	La Trobe University	\$ 135,002.00
APP 2013894	Doctor Lachlan Batty	Young people with old knees: The role of matrix metalloproteinase 3 and type 2 collagen C-telopeptide fragments in predicting post	La Trobe University	\$ 101,376.50



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		traumatic osteoarthritis after anterior cruciate ligament reconstruction		
APP 2013908	Doctor Yi Chao Foong	Validation and implementation of smartphone-based digital biomarkers in multiple sclerosis to define subclinical progression and treatment failure: the ACTIVE MS study	Monash University	\$ 135,002.00
APP 2013928	Miss Sophia Garlick Bock	Comorbid Mental Health and Drug and Alcohol Use Among Sexuality and Gender Diverse Young People in Australia	University of Sydney	\$ 93,056.00
APP 2013946	Doctor Sonali Shah	Hypertension with low renin - new insights into prevalence, pathophysiology and management	Monash University	\$ 135,002.00
APP 2013949	Ms Desiree LaGrappe	Maternal and Child Health Nursing: A golden opportunity to integrate screening for reproductive coercion and increase effective contraception use?	La Trobe University	\$ 101,541.92
APP 2013951	Ms Olivia Price	Preventing infectious disease and reducing associated harms among people who inject drugs	University of New South Wales	\$ 93,056.00
APP 2013953	Ms Isabelle Meulenbroeks	The impact of COVID-19 and associated health policies on access to allied healthcare, care quality, and health outcomes in Australian residential aged care facilities	Macquarie University	\$ 101,541.92
APP 2013961	Ms Katie Lee	Genomic architecture of skin in the vicinity of previous melanoma in photodamaged and non-photodamaged areas	The University of Queensland	\$ 77,630.00
APP 2013970	Doctor Gemma Reynolds	High-risk lymphoproliferative malignancies in the era of novel therapies: Infection risk, surveillance and prophylaxis	University of Melbourne	\$ 135,002.00
APP 2013981	Doctor Elizabeth Armari	Developing and evaluating an evidence-based training program for improving labour and childbirth care in India.	Burnet Institute	\$ 101,376.50



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APP 2013987	Shania Liu	Responsible pre-operative Opioid use for Hip and knee ArthropLasTy (OpioidHALT) study	University of Sydney	\$ 81,985.42
APP 2014022	Doctor Anthony Hew	Revolutionising System Reform in Mental Health: Addressing Gaps in the System through Big Data and Data Linkage	Monash University	\$ 116,321.17
APP 2014024	Doctor Noa Amir	Identifying and addressing the needs and priorities of patients with genetic kidney disease and their families	University of Sydney	\$ 97,640.33
APP 2014035	Doctor Aaron Kee Yee Wong	Personalising Pain Relief for People With Cancer: The Right Opioid For the Right Person at the Right Time	University of Melbourne	\$ 93,904.17
APP 2014036	Doctor Laura Eades	Biomarker profiles in Indigenous Australians with systemic lupus erythematosus	Monash University	\$ 135,002.00
APP 2014037	Doctor Edmund Chung	Treatments to expand regulatory T cells and/or deplete autoantibody production in primary membranous nephropathy	University of Sydney	\$ 97,640.33
APP 2014038	Doctor Hiu Tat Chan	Towards vaginal microbiota stability: new treatment paradigm for bacterial vaginosis	La Trobe University	\$ 97,640.33
APP 2014056	Mr Dominic Delpont	Using mathematical models to generate evidence to support Australia's COVID-19 responses and prepare for future pandemics	Burnet Institute	\$ 93,056.00
APP 2014074	Mr Karan Shah	Economic evaluation of strategies to increase kidney donation and transplantation	University of Sydney	\$ 80,201.00
APP 2014086	Doctor Yasmin Hughes	Improving Syphilis diagnosis and management in the community	Monash University	\$ 135,002.00
APP 2014100	Doctor Madeleine Gill	Understanding Cirrhotic Cardiomyopathy	Centenary Institute	\$ 123,793.50
APP 2014110	Doctor Garry Hamilton	Radial artery conduits in coronary artery bypass surgery: the impact of prior instrumentation with a focus on the vascular biology and clinical outcomes.	University of Melbourne	\$ 135,002.00



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APP 2014111	Doctor Prianka Puri	An integration of multi-omics and machine learning to stratify patients with lupus nephritis for precision medicine	The University of Queensland	\$ 131,265.83
APP 2014112	Doctor Sean Tan	Cardiovascular Screening in Cancer Patients Treated with Immune Checkpoint Inhibitors	Monash University	\$ 135,002.00
APP 2014114	Doctor Alexandra Stewart	The role of cytochrome polymorphisms in primaquine metabolism and effects on its activity in radical cure of Plasmodium vivax infection	University of Melbourne	\$ 135,002.00
APP 2014122	Doctor Tanya Ross	Informing future recommendations for prevention and treatment of ovarian cancer using population data	The University of Queensland	\$ 90,168.00
APP 2014140	Mr Samuel Tu	Cardiometabolic, Genetic and Lifestyle Risk Factors for Arrhythmias	The University of Adelaide	\$ 77,630.00
APP 2014142	Ms Isobel Todd	Perinatal and early childhood risk and protective factors for paediatric infection	Murdoch Childrens Research Institute	\$ 93,056.00
APP 2014147	Ms Melissa Savaglio	Developing a community-based psychosocial intervention for young people with mental illness	Monash University	\$ 67,346.00
APP 2014148	Mrs Lorelle Holland	Decolonising approaches for Aboriginal and Torres Strait Islander children with complex health needs exposed to the youth justice system in Australia: Reducing incarceration and recidivism rates	The University of Queensland	\$ 115,801.33
APP 2014162	Ms Amelia Hyatt	Determining health system and public policy elements for successful implementation and sustainability of cervical cancer elimination strategies at a country and regional level	University of Melbourne	\$ 93,056.00



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APP 2014163	Doctor Deonna Ackermann	Optimising trial processes and generating translational gains: Studies Within A Trial (SWATs) for the MELSELF randomised controlled trial of patient-led melanoma surveillance.	University of Sydney	\$ 62,204.00
APP 2014165	Mr Alexander Terrill	Application of advanced manufacturing technologies to offload diabetes-related foot ulceration	Queensland University of Technology	\$ 85,244.83
APP 2014166	Stephanie Bond	Development and evaluation of strategies to improve syphilis screening of pregnant women to prevent congenital syphilis	Monash University	\$ 135,002.00
APP 2014180	Ms Erin Madden	Improving evidence-based practice for comorbid alcohol and other drug and mental health conditions: the role of implementation science and quality improvement toolkits	University of Sydney	\$ 93,056.00
APP 2014206	Anna Le Fevre	Investigating epigenetic regulators of disease and novel epigenetic treatment approaches for imprinting disorders	The Walter and Eliza Hall Institute of Medical Research	\$ 135,002.00
APP 2014208	Doctor Bernadette Ricciardo	Koolungar Urban Moorditj Healthy Skin: Determining the burden of skin disease in urban Aboriginal children and adolescents.	University of Western Australia	\$ 123,793.50
APP 2014210	Doctor Victoria Hall	Defining host immune response and prevention strategies for viral respiratory tract infections in patients with haematological malignancy	University of Melbourne	\$ 135,002.00
APP 2014215	Doctor Thomas Lew	Enhancing venetoclax and other pro-apoptotic agents to improve outcomes for patients with haematological malignancies	The Walter and Eliza Hall Institute of Medical Research	\$ 135,002.00
APP 2014234	Doctor Yin Yuan	Dissecting the challenge of AML	The Walter and Eliza Hall Institute of Medical Research	\$ 135,002.00
APP 2014244	Doctor Ashwin Bhaskaran	Ventricular arrhythmia mechanisms and therapies	University of Sydney	\$ 135,002.00
APP 2014245	Doctor Sarah Holper	Untangling Neuroinflammation's Role in Alzheimer's Disease Development (UNRAVEL)	The Walter and Eliza Hall Institute of Medical Research	\$ 135,002.00



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APP 2014256	Doctor Yara-Natalie Abo	A randomised controlled human challenge trial to evaluate Strep A vaccine efficacy, safety, and immunogenicity	Murdoch Childrens Research Institute	\$ 135,002.00
APP 2014258	Ms Chandana Guha	Improving care and outcomes for vulnerable patients with chronic kidney disease – the young and the elderly	University of Sydney	\$ 67,346.00
APP 2014261	Doctor Kasun De Silva	Novel technologies and strategies to identify arrhythmogenic substrate and triggers for sudden cardiac death	University of Sydney	\$ 90,168.00
APP 2014262	Alice Powell	Exceptional cognition in old age and interactions with other aspects of successful ageing	University of New South Wales	\$ 123,793.50
APP 2014266	Miss Nicola Creagh	Evaluating the use of an open access self-collection cervical screening pathway: The solution to declining participation and to long standing inequities?	University of Melbourne	\$ 93,056.00
APP 2014285	Doctor Huong Nguyen	A Cognitive Ageing Risk Evaluation (CARE) Tool to Support Clinical Diagnosis of Dementia for Aboriginal and Torres Strait Islander Peoples	University of Melbourne	\$ 105,112.67
APP 2014292	Doctor Oliver Cronin	The Science of Cold Snare Polypectomy	University of Sydney	\$ 101,376.50
APP 2014294	Ms Thi Tran	How does methamphetamine use, mental health and treatment interventions affect one another?	University of New South Wales	\$ 117,839.00
APP 2014320	Doctor Robert Little	Modulation of the gut microbiome and mucosal immune response in IBD	Monash University	\$ 135,002.00
			<b>Total</b>	<b>\$7,246,854.25</b>