

# Medical Research Future Fund (MRFF) Fellowships Announced to Date

*The information below about MRFF Fellowships approved for funding under the Next Generation Clinical Researchers program is correct as at January 2019.*

## MRFF Next Generation Clinical Researchers program Career Development Fellowships (CDFs) for funding commencing in 2018

The National Health and Medical Research Council CDFs are open to early- to mid-career researchers in Australia who have a sustained track record of significant research output.

CDFs are awarded at two levels; CDF Level 1 for applicants who have held their PhD qualification for more than two but less than seven years; and CDF Level 2 for those who have held their PhD qualification for more than seven but less than 12 years.

The applications listed below were approved for funding from the MRFF Next Generation Clinical Researchers Program to commence in 2018.

| <b>Chief Investigator</b>            | <b>Category</b> | <b>Level</b> | <b>Project Title</b>   | <b>Administering Institution</b>      | <b>Amount</b> |
|--------------------------------------|-----------------|--------------|--|---------------------------------------|---------------|
| Doctor Karen Alt                     | Industry        | CDF 1        | Novel targeted onco-theranostic nanoparticles for personalised therapy and real-time monitoring              | Monash University                     | \$431,000.00  |
| Doctor Tomas Kalincik                | Clinical        | CDF 2        | Precision therapy for neurological diseases  | University of Melbourne               | \$476,728.00  |
| Associate Professor Jeanie Cheong    | Clinical        | CDF 2        | Improving the health and development of high risk preterm newborns   | Murdoch Children's Research Institute | \$333,709.60  |
| Associate Professor Nicholas Wood    | Clinical        | CDF 2        | Vaccine safety research in understudied and at risk groups: critical knowledge to inform practice and policy | University of Sydney                  | \$286,036.80  |
| Doctor Fred Chen                     | Clinical        | CDF 1        | Developing personalised treatment for retinal degeneration   | University of Western Australia       | \$258,600.00  |
| Associate Professor Manuela Ferreira | Clinical        | CDF 2        | Decreasing unnecessary surgery for low back pain   | University of Sydney                  | \$476,728.00  |
| Doctor Debra Palmer                  | Clinical        | CDF 1        | Nutritional strategies for allergy prevention  | University of Western Australia       | \$431,000.00  |

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|--|-----------------|--------------|--|---------------------------------------|---------------|
| Associate Professor Steven Tong            | Clinical        | CDF 2        | Optimising interventions for Staphylococcus aureus and skin infections                               | University of Melbourne               | \$333,709.60  |
| Doctor Dominik Linz                        | Clinical        | CDF 1        | Sleep apnea and atrial fibrillation  | The University of Adelaide            | \$431,000.00  |
| Associate Professor Christopher Davey      | Clinical        | CDF 2        | Examining new treatments and developing new treatment biomarkers for youth with severe depression    | University of Melbourne               | \$333,709.60  |
| Assistant Professor Lianne Schmaal         | Clinical        | CDF 1        | Neuroimaging in mental health: the quest for clinically useful biomarkers                            | University of Melbourne               | \$431,000.00  |
| Doctor Donna Urquhart                      | Clinical        | CDF 2        | Improving outcomes in low back pain: Targeting specific therapies to patient subgroups               | Monash University                     | \$429,055.20  |
| Doctor Jill Newby                          | Clinical        | CDF 1        | Improving internet-delivered psychological therapies for depression and anxiety                      | University of New South Wales         | \$431,000.00  |
| Doctor Louise Corben                       | Clinical        | CDF 1        | Improving upper limb function in Hereditary Cerebellar Ataxia  | Murdoch Children's Research Institute | \$431,000.00  |
| Associate Professor Antonio Verdejo-Garcia | Clinical        | CDF 2        | Cognitive Phenotyping and Personalised Treatment for Methamphetamine Addiction                       | Monash University                     | \$476,728.00  |
| Associate Professor Meg Jardine            | Clinical        | CDF 2        | Understanding and optimising the delivery of chronic disease care for better cardiovascular outcomes | University of New South Wales         | \$476,728.00  |
| Doctor Dawn Aitken                         | Clinical        | CDF 1        | Improving musculoskeletal pain by matching the right treatment with the right patient                | University of Tasmania                | \$431,000.00  |
| Doctor David Godler                        | Industry        | CDF 2        | Significance of low-level mosaicism to intellectual disability in paediatric disorders               | Murdoch Children's Research Institute | \$476,728.00  |

| <b>Chief Investigator</b> | <b>Category</b> | <b>Level</b> | <b>Project Title</b>   | <b>Administering Institution</b>     | <b>Amount</b> |
|---------------------------|-----------------|--------------|--|--------------------------------------|---------------|
| Doctor Saurabh Kumar      | Clinical        | CDF 1        | Role of Non-Invasive Imaging using Speckle Tracking Echocardiography in the Identification and Treatment of Patients At Risk of Arrhythmias and Consequent Sudden Cardiac Arrest | Western Sydney Local Health District | \$431,000.00  |

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|-------------------------------------|-----------------|--------------|--|-------------------------------------|---------------|
| Doctor Simon Rice                   | Clinical        | CDF 1        | Complex depression and anxiety in youth: innovative e-therapy and biotherapy clinical trials | University of Melbourne             | \$349,628.80  |
| Associate Professor Flora Wong      | Clinical        | CDF 2        | Reducing brain injury and improving the care of high-risk newborn infants                    | Monash University                   | \$241,702.00  |
| Doctor Brett Manley                 | Clinical        | CDF 1        | Optimising respiratory therapies to improve outcomes for preterm infants                     | University of Melbourne             | \$305,925.20  |
| Associate Professor Mustafa Khasraw | Clinical        | CDF 2        | Clinical trials to improve outcome of cancer patients  | University of Sydney                | \$483,404.00  |
| Associate Professor Jake Shortt     | Clinical        | CDF 1        | Next generation targeting of DNA-methylation in poor risk lymphoid cancer                    | Monash University                   | \$218,518.00  |
| Doctor Jack Richards                | Industry        | CDF 1        | Advancing diagnostics and vaccines for malaria elimination                                   | Burnet Institute                    | \$437,036.00  |
| Associate Professor Steven McPhail  | Clinical        | CDF 2        | Embracing digital disruption in hospitals to improve outcomes among vulnerable people        | Queensland University of Technology | \$483,404.00  |
| Associate Professor Natasha Lannin  | Clinical        | CDF 2        | Development and implementation of evidence-based stroke rehabilitation                       | La Trobe University                 | \$483,404.00  |

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|-------------------------------------|-----------------|--------------|---|------------------------------------|---------------|
| Associate Professor Andre La Gerche | Clinical        | CDF 2        | Utility of novel exercise imaging to identify sub-clinical cardiovascular disease | Baker Heart and Diabetes Institute | \$483,404.00  |

# MRFF Next Generation Clinical Researchers Program Practitioner Fellowships (PFs) for funding commencing in 2018

The National Health and Medical Research Council PF scheme provides support for active clinicians and public health or health services professionals to undertake research that is linked to their practice or policy.

The scheme aims to support research which results in the translation of new evidence into improved clinical practice and health policy and which delivers improvements in health and healthcare to Australians.

PFs are awarded at two levels, increasing in order of experience and seniority as follows:

- PF Level 1 (PF1)
- PF Level 2 (PF2)

The applications listed below were approved for funding from the MRFF Next Generation Clinical Researchers Program to commence in 2018.

| <b>Chief Investigator</b>   | <b>Level</b> | <b>Project Title</b>  | <b>Administering Institution</b>         | <b>Amount</b> |
|-----------------------------|--------------|---|--|---------------|
| Professor Patrick Kwan      | PF1          | Precision medicine for epilepsy and beyond: from discovery to implementation and evaluation       | University of Melbourne                  | \$481,155.50  |
| Professor Carolyn Sue       | PF1          | Improving diagnosis, treatment and prevention of mitochondrial disease                            | University of Sydney                     | \$481,155.50  |
| Professor H. Peter Soyer    | PF2          | Personalised early detection of melanoma  | University of Queensland                 | \$577,188.50  |
| Professor Andrew Lloyd      | PF2          | Determinants of the outcomes from infectious diseases   | University of New South Wales            | \$577,188.50  |
| Professor Helena Teede      | PF2          | Generating and translating evidence into practice in women's health and beyond                    | Monash University                        | \$494,733.00  |
| Professor David Cooper      | PF2          | Improving outcomes for critically ill patients after traumatic brain injury and blood transfusion | Monash University                        | \$412,277.50  |
| Professor Elizabeth Elliot  | PF2          | Improving health outcomes for disadvantaged children  | University of Sydney                     | \$577,188.50  |
| Professor Peter Cameron     | PF2          | Optimising Emergency and Trauma Systems through evidence based pathways                           | Monash University                        | \$412,277.50  |
| Professor Jacqueline Center | PF1          | Improving outcomes in osteoporosis and bone health  | The Garvan Institute of Medical Research | \$343,682.50  |
| Professor Christopher Levi  | PF2          | Discovery to therapy implementation in acute stroke   | The University of Newcastle              | \$577,188.50  |

| <b>Chief Investigator</b>        | <b>Level</b> | <b>Project Title</b>   | <b>Administering Institution</b>                    | <b>Amount</b> |
|----------------------------------|--------------|--|---|---------------|
| Professor Y C Gary Lee           | PF2          | Translational Research on Malignant Pleural Effusion and Pleural Infection                             | University of Western Australia                     | \$481,155.50  |
| Professor Alexander Thompson     | PF1          | Elimination of HCV as a Public Health Threat   | University of Melbourne                             | \$481,155.50  |
| Associate Professor Andrew Wei   | PF1          | Translational Research Program to Advance Clinical Outcomes in Acute Myeloid Leukaemia                 | Monash University                                   | \$412,419.00  |
| Associate Professor Paul McCrory | PF1          | Mild traumatic brain injury and the risk of long-term neuro-degenerative and neuro-behavioural disease | Florey Institute of Neuro-science and Mental Health | \$577,188.50  |
| Professor Bala Venkatesh         | PF2          | Sepsis Outcomes Research   | The George Institute for Global Health              | \$274,946.00  |

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- PF Level 2 (PF2)

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|--------------------------------------|-------|---|---|--------------|
| Professor Timothy Davis              | PF 2  | Community-based studies of diabetes and infectious diseases                               | University of Western Australia                         | \$585,270.00 |
| Professor Ian Wicks                  | PF 2  | Translational research to drive improved diagnosis and treatment of inflammatory diseases | The Walter and Eliza Hall Institute of Medical Research | \$418,050.00 |
| Professor Kwun Fong                  | PF 1  | Early diagnosis and treatment of lung cancer  | University of Queensland                                | \$487,893.00 |
| Associate Professor Andreas Schibler | PF 1  | Improving paediatric critical care outcomes   | University of Queensland                                | \$348,495.00 |
| Professor Ostoja Vucic               | PF 2  | The role of cortical dysfunction in ALS pathophysiology                                   | University of Sydney                                    | \$585,270.00 |
| Professor Paul Haber                 | PF 2  | New approaches for treatment of alcohol use disorder                                      | University of Sydney                                    | \$418,050.00 |
| Professor Leon Flicker               | PF 2  | Maximising health for older Australians   | University of Western Australia                         | \$585,270.00 |
| Professor John Zalcborg              | PF 1  | A national cancer outcome strategy  | Monash University                                       | \$487,893.00 |



# MRFF Next Generation Clinical Researchers Program Translating Research into Practice (TRIP) for funding commencing in 2018

The National Health and Medical Research Council TRIP Fellowship Scheme is a targeted award intended to build capacity in research translation. It provides support for health care professionals and personnel, health systems personnel, health researchers and health policy makers to undertake projects focussed on translating evidence into practice that will improve health care and public health. The TRIP Fellowship is a part-time award (0.5FTE) which allows individuals to conduct a research translation project effectively in combination with their practice.

The applications listed below were approved for funding from the MRFF Next Generation Clinical Researchers Program to commence in 2018.

| <b>Chief Investigator</b>               | <b>Project Title</b>   | <b>Administering Institution</b>          | <b>Amount</b> |
|---|--|---|---------------|
| Ms Kelly Lambert                        | Implementing a health literacy focused dietetic outpatient model of care for people with chronic kidney disease                                      | University of Wollongong                  | \$179,118.00  |
| Associate Professor Niranjan Bidargaddi | Enhancing the capacity of mental health services to review, personalise and intervene early through implementation of real-time outcome monitoring   | Flinders University of South Australia    | \$179,118.00  |
| Associate Professor Leonard Crocombe    | Sustaining oral and systemic health in Residential Aged Care Facilities  | University of Tasmania                    | \$179,118.00  |
| Doctor Christian Barton                 | Implementing appropriate exercise and education for Australians with knee osteoarthritis   | La Trobe University                       | \$179,118.00  |
| Doctor Alison Beauchamp                 | Closing the communication gap in chronic disease   | Deakin University                         | \$179,118.00  |
| Doctor Kate Bartlem                     | Translation of preventive care for chronic disease risk behaviours into community mental health service delivery                                     | University of Newcastle                   | \$179,118.00  |
| Doctor Fiona Shand                      | Catch them when they fall: Providing best evidence care after a suicide attempt  | University of New South Wales             | \$179,118.00  |
| Doctor Donna Urquhart                   | Closing the evidence-practice gap with a highly innovative, patient-centred, decision-support program to guide narcotic use in chronic low back pain | Monash University                         | \$179,118.00  |
| Doctor Lauren Ayton                     | Improving patient management pathways in age-related macular degeneration  | Centre for Eye Research Australia Limited | \$179,118.00  |

| <b>Chief Investigator</b>       | <b>Project Title</b>  | <b>Administering Institution</b> | <b>Amount</b> |
|---------------------------------|---|----------------------------------|---------------|
| Associate Professor Meg Jardine | Pragmatic implementation trial to reduce evidence practice gap in chronic kidney disease and diabetes | University of New South Wales    | \$179,118.00  |
| Doctor Sradha Kotwal            | Reducing the burden of dialysis catheter complications - a national approach                          | University of New South Wales    | \$179,118.00  |
| Doctor Michelle Banfield        | Implementation of a peer worker-led mental health recovery program                                    | Australian National University   | \$179,118.00  |

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|---------------------------------|--|--------------------------------------|--------------|
| Doctor Adrienne Harvey          | Implementing evidence based management for children with dystonic cerebral palsy   | Murdoch Childrens Research Institute | \$181,066.00 |
| Doctor Jack Bell                | Scaling, spreading, and sustaining The Systematised, Interdisciplinary Malnutrition Program for impLementation and Evaluation (SIMPLE) – a multi-site implementation program | University of Queensland             | \$181,066.00 |
| Doctor Joanna Moullin           | Pharmacy Interventions for Naloxone Scale-Up (PINS)  | Curtin University                    | \$181,066.00 |
| Doctor Katherine Harding        | Translating evidence to improve access to paediatric therapy services  | La Trobe University                  | \$181,066.00 |
| Doctor Matthew Gullo            | iAx: Instant assessment and personalised feedback in alcohol use disorder  | University of Queensland             | \$181,066.00 |
| Doctor Joan Ostaszkievicz       | Translating dignity principles into practice in aged care homes  | Deakin University                    | \$181,066.00 |
| Associate Professor Jodi Oakman | Closing the evidence-practice gap in occupational health practices to prevent musculoskeletal disorders  | La Trobe University                  | \$181,066.00 |
| Doctor Sharon Carey             | Implementing fasting guidelines within an acute hospital surgical setting.   | Sydney Local Health District         | \$181,066.00 |
| Doctor Jo-Anne Manski-Nankervis | From simulation to translation: A new quality improvement program for antibiotic prescribing in general practice   | University of Melbourne              | \$181,066.00 |
| Doctor Michelle Ananda-Rajah    | fungalAi: Breaking the mould of the traditional antifungal stewardship paradigm  | Monash University                    | \$181,066.00 |

| <b>Chief Investigator</b>              | <b>Project Title</b>   | <b>Administering Institution</b> | <b>Amount</b> |
|--|--|----------------------------------|---------------|
| Associate Professor<br>Andrew Williams | Exercise is medicine so why don't<br>General Practitioners prescribe it? | University of Tasmania           | \$181,066.00  |