

GRANTS AWARDED JULY 2018

A total of 43 grants, were awarded at the Heart Foundation's Scientific Advisory Group meeting in July. The awards include 10 Project Grants, 14 Fellowships and Scholarships, 7 Small Project Grants, 2 Grant-in-Aid Grants and 5 Travel Grants. Five Summer Studentships were also awarded to the Medical Schools at the University of Auckland and the University of Otago.

PROJECT GRANTS:

Dr Carol Bussey
Department of Physiology at the University of Otago - Dunedin
Why can't the diabetic heart rest?
\$127,183 over 2 years

Associate Professor Gerard Devlin
Department of Cardiology at Waikato District Health Board
Ffr-gUidance for complete non-culprit REVASCularization - a registry-based randomized clinical trial.
\$195,000 over 2 years

Professor Rob Doughty
Department of Medicine at the University of Auckland
Brain Natriuretic Peptide Guided Therapy for Secondary Prevention following Acute Coronary Syndromes:
A Feasibility study.
\$31,980 over 1 year

Professor Alison Heather
Department of Physiology at the University of Otago - Dunedin
CaMKII inhibition: a novel target for atherosclerosis.
\$194,385 over 2 years

Dr Regis Lamberts
Department of Physiology at the University of Otago - Dunedin
Identification of epicardial fat factors that increase fibrillation of the heart.
\$149,650 over 2 years

Dr Prisca Mbikou
Department of Medicine at the University of Otago - Christchurch
Characterising the role and therapeutic potential of novel peptide DWORF in heart disease.
\$111,892 over 2 years

Dr Rory Miller
Department of Rural Post Graduate Programme at the University of Otago - Dunedin
Accelerated Chest Pain Pathways in Rural Hospitals and Primary Care.
\$177,500 over 1.5 years

Dr Beau Pontré
Department of Anatomy and Medical Imaging at the University of Auckland
Imaging Fibres and Function in Congenital Heart Disease.
\$109,377 over 2 years

Associate Professor Thomas Proft
Department of Molecular Medicine & Pathology at the University of Auckland
GASPEL - a novel mucosal vaccine against Group A Streptococcus?
\$148,624 over 2 years

Dr Anna Rolleston
The Centre for Health
Barriers, enablers and solutions to establishing a healthy nutrition lifestyle: A kaupapa Māori,
co-design project.
\$151,941 over 3 years

FELLOWSHIPS & SCHOLARSHIPS:

Dr Carol Bussey
Heart Foundation Research Fellowship (2 years)
Department of Physiology at the University of Otago - Dunedin

Dr Joanna Ting Wai Chu
Heart Foundation Research Fellowship (3 years)
National Institute for Health Innovation, School of Population Health at the University of Auckland

Dr Ayah Elsayed
PhD Postgraduate Scholarship (3 years)
Department of Anatomy and radiology at the University of Auckland

Mr Edward Ferdian
PhD Postgraduate Scholarship (3 years)
Department of Anatomy and Medical Imaging at the University of Auckland

Miss Kathryn Hally
Heart Foundation Research Fellowship (3 years)
Department of Surgery and Anaesthesia at the University of Otago - Wellington

Mrs Erina Korohina - Ngāti Porou
Heart Foundation Māori Cardiovascular Research Fellowship (2 years)
Toi Tangata and the University of Auckland

Dr Sudish Lal
Heart Foundation Overseas Training & Research Fellowship (1 year)
Echocardiography and clinical research, Division of Cardiology at St Pauls Hospital, Vancouver Canada

Dr Samantha Marsh
Heart Foundation Research Fellowship (3 years)
National Institute for Health Innovation, School of Population Health at the University of Auckland

Dr Bryan Mitchelson - Ngāti Mahanga hapu ō Waikato/Tainui
Heart Foundation Overseas Training & Research Fellowship (1 year)
Paediatric heart failure, use of ventricular-assist devices, and cardiac transplantation at the Children's
Heart Unit, Freeman Hospital, Newcastle upon Tyne

Dr Michelle Munro

Heart Foundation Research Fellowship (3 years)

Department of Physiology at the University of Otago - Dunedin

Dr Adele Pope

Heart Foundation Overseas Training & Research Fellowship (1 year)

Heart Disease in Women Advanced Cardiac Imaging Fellowship at S. Mark Taper Foundation Imaging Center, Cedars-Sinai Medical Centre, Los Angeles, USA

Mr Ryan Sixtus

(PhD) Postgraduate Scholarship (2 years)

Department of Medicine at the University of Otago - Wellington

Dr Tom Kai Ming Wang

Heart Foundation Overseas Training & Research Fellowship (1 year)

Clinical and Research Fellowship in Advanced Multimodality Cardiovascular Imaging, Department of Cardiovascular Medicine at Cleveland Clinic, Cleveland, Ohio USA

Dr Ben Wilkins

Heart Foundation Overseas Training & Research Fellowship (1 year)

Interventional Structural Fellowship at the University of Copenhagen Hospital, Copenhagen, Denmark

SMALL PROJECT GRANTS:

Dr Sarah Appleby

Department of Medicine at the University of Otago – Christchurch

Assessing erythroferrone in acute heart failure patients.

\$14,989 over 1 year

Dr Janice Chew-Harris

Department of Medicine at the University of Otago – Christchurch

A suPAR predictor of cardiovascular risk and outcomes.

\$15,000 over 1 year

Dr Sean Coffey

Department of Medicine at the University of Otago - Dunedin

Comprehensive classification of cardiac tissue.

\$14,919 over 1 year

Professor Dirk De Ridder

Department of Surgical Sciences at the University of Otago - Dunedin

Effects of neurofeedback on the cardiovascular autonomic nervous system.

\$14,997 over 1 year

Dr Cassidy Moeke

Department of Biochemistry at the University of Otago – Dunedin

Cardiovascular disease risk markers in the synovial fluid of individuals with gout and rheumatoid arthritis.

\$14,715 over 18 months

Dr Michelle Munro
Department of Physiology at the University of Otago - Dunedin
Disorganisation of calsequestrin in atrial fibrillation and diabetes.
\$14,500 over 1 year

Associate Professor Andrew Taberner
Department of Bioengineering Institute at the University of Auckland
The Instrumented Cardiomyocyte.
\$15,000 over 1 year

GRANT-IN-AID:

Professor Diana Lennon
Department of Paediatrics: Child & Youth Health School of Population Health at the University of Auckland
Appraising NZ's Success in Controlling Rheumatic Fever and Rheumatic Heart Disease.
\$15,000

Dr David McCormack
Department of Cardiothoracic Surgery at Waikato Hospital
New Zealand National Aortic Awareness Day Event.
\$1,500

TRAVEL GRANTS:

Dr Aram Babakr
Department of Physiology at the University of Otago - Dunedin
To attend the 66th Annual Scientific Meeting of the Cardiac Society of Australia and New Zealand in Brisbane.

Ms Evelyn Lesiawan
Department of Medicine at the University of Auckland
To attend the Australia & New Zealand Endovascular Therapies Meeting (ANZET) in Brisbane.

Mr Joshua Neale
Department of Physiology at the University of Otago – Dunedin
To attend the 66th Annual Scientific Meeting of the Cardiac Society of Australia and New Zealand, the 12th Australian and New Zealand Endovascular Therapies Annual Meeting 2018, the European Society of Cardiology Congress (Brisbane and Munich) and conduct lab visits at Imperial College in London.

Dr Anna Pilbrow
Department of Medicine at the University of Otago - Christchurch
To attend the European Society of Cardiology Congress in Munich.

Dr Katrina Poppe
Department of Epidemiology & Biostatistics at the University of Auckland
To attend AF-SCREEN and MENZACS collaborations, Munich and the United Kingdom.

GRANTS AWARDED NOVEMBER 2018

A total of 14 grants, were awarded at the Heart Foundation's Scientific Advisory Group meeting in November. The awards include eleven Small Project Grants and three Travel Grants.

SMALL PROJECT GRANTS:

Dr Chris Baldi

Department of Medicine at the University of Otago – Dunedin

Identifying the cause of heart rate dysregulation in patients with diabetes

\$19,893 over 1 year.

Dr Bridget Dicker

Department of Paramedicine at Auckland University of Technology

Reduction of Oxygen After Cardiac Arrest: The EXACT study

Awarded \$19,444 over 2 years.

Dr Nikki Earle

Department of Medicine at the University of Auckland

Subclinical Atherosclerosis Study: Genotyping and Lipoprotein(a)

Awarded \$11,400 over 6 months.

Dr Gregory Jacobson

Department of Biological Sciences at Waikato University

Links between gut bacterial diversity, cell-free DNA, inflammation, and blood markers of gut wall integrity in New Zealand cardiac patients

\$20,000 over 1 year.

Professor Sally McCormick

Department of Biochemistry at the University of Otago - Dunedin

The effect of ribose-cysteine on inflammatory markers

Awarded \$20,000 over 1 year.

Dr Reuben McGregor

Department of Molecular Medicine & Pathology at the University of Auckland

Understanding Immunity to Streptococcus A Infections in New Zealand Children

Awarded \$19,850 over 18 months.

Dr Judith Marsman

Department of Surgical Sciences at the University of Otago – Dunedin

Determining the function of genetic variants associated with cardiovascular diseases

\$20,000 over 1 year.

Dr Jackie Robinson
School of Nursing at the University of Auckland
Services in the last year of life for people with cardiac disease
Awarded \$19,837 over 18 months.

Dr Tom Kai Ming Wang
The University of Auckland
Trends in outcomes following acute coronary syndrome by management strategy in New Zealand 2006-2016: a nationwide linkage study from ANZACS-QI
\$20,000 over 12 months.

Prof Gillian Whalley
Department of Medicine at the University of Otago – Dunedin
Management and Optimisation of Cardiac imaging for Cancer in Aotearoa Pilot Study (The MOCCA Pilot Study)
Awarded \$20,000 over 8 months.

Dr Jichao Zhao
Department of Auckland Bioengineering Institute at the University of Auckland
Resolving the mechanism of metabolic syndrome induced atrial fibrillation
Awarded \$20,000 over 2 years.

TRAVEL GRANTS:

Dr Judith Marsman
Department of Surgical Sciences at the University of Otago - Dunedin
To attend the Symposia Conference 3D Genome: Gene Regulation and Disease
Banff, Canada.

Miss Charlene Mauger
Department of Anatomy and Medical Imaging at the University of Auckland
To attend the Society for Cardiovascular Magnetic Resonance Conference
Seattle, USA.

Dr Barry Palmer
Department of Medicine at the University of Otago – Christchurch
To attend the International Congress of Endocrinology 2018
Cape Town, South Africa.