



With thanks to the extraordinary generosity of the late Robert Edward Gough, the Heart Research Institute (HRI) is pleased to announce the launch of the inaugural 2020

Robert Edward Gough Fellowship

This innovative fellowship scheme, one of the most prestigious of its kind in Australia, aims to identify and support **exceptional research scientists demonstrating potential to become global leaders in cardiovascular research.**

The scheme, valued at \$1,000,000 over a period of five years (\$200,000/yr), has been developed to support early-career researchers in the field of cardiovascular science and medicine.

About HRI

As a founding member of the Sydney Cardiovascular Research Consortium (www.scvrc.org.au), HRI is positioned at the forefront of innovative research to prevent, detect, and treat the world's number one killer, cardiovascular disease. Our world-leading research spans all facets of cardiovascular disease, with particular strengths in biomedical and clinical research and trials.

HRI boasts internationally regarded research teams driven by scientists and clinician scientists who are experts in cardiovascular disease. Our areas of research interest include stroke, hypertension, atherosclerosis, bioengineering, biomaterials, medical devices and thrombosis. More information can be found at www.hri.org.au/our-research/research-areas.

Building capacity and innovation for state-of-the-art research at HRI

Located across two sites, HRI research campuses can be found at Eliza Street in Newtown, and on Level 3 of the Charles Perkins Centre, in the heart of The University of Sydney, Camperdown.

Our original Eliza St campus encompasses a purpose-built facility, designed to support cutting-edge research into cardiovascular disease. Opened in 2009 by Australia's then Governor General Quentin Bryce, the building provided unrivalled scope for groundbreaking research and further expanded the capabilities of HRI. The laboratories – split over two levels – provide research space for more than 150 scientific staff.

In 2015, HRI established research laboratories on Level 3 of the Charles Perkins Centre. With a shared vision and research philosophy of the Centre's name-sake, HRI scientists join like-minded research activities across The University of Sydney and its affiliated medical research institutes, tackling the increasing burden of diabetes, obesity and cardiovascular disease, through innovative research collaborations, research partnerships and teaching, both at undergraduate and postgraduate capacity.

HRI scientists across both sites use highly innovative state-of-the-art approaches from single molecule through to whole model systems, spanning the depth and breadth of biological, biochemical



and biomedical engineering techniques. All this is complemented by state-of-the-art cellular, preclinical and clinical imaging, cytometry, genomics, proteomics and nanoscience facilities available at the Charles Perkins Centre and The University of Sydney. More information can be found at <https://sydney.edu.au/charles-perkins-centre>.

Eligibility and selection criteria

The successful applicant will be an **early-career researcher** (within ten years of first academic or other research-related employment post-PhD, at the time of application), with a primary focus on **basic biomedical cardiovascular research**. Applicants should demonstrate strategic fit with the Institute in areas similar or complementary to those core to the HRI mission. Applicants must demonstrate evidence of research excellence relative to opportunity, based on one or more of the following metrics: awards, distinctions, grants awarded, publication metrics and increased career trajectory. Applications will be considered from both Australian and international applicants.

The Fellowship

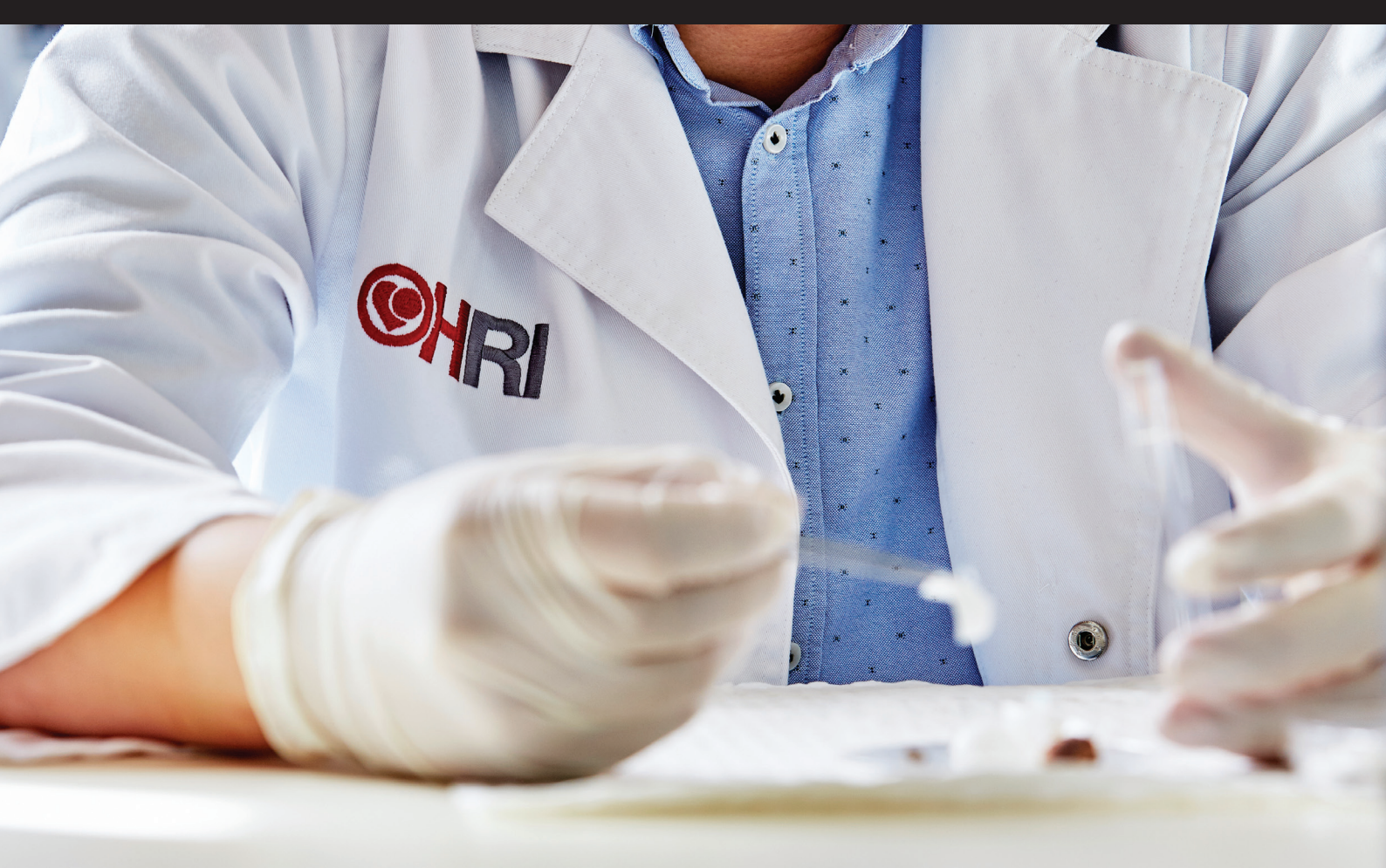
The *Robert Edward Gough Fellowship 2020* will include:

- a one-line Fellowship grant worth AUD \$1,000,000 over five years (\$200,000/annum)
- workspace in state-of-the-art laboratory facilities at the Heart Research Institute
- administrative support
- appropriate visa support for international applicants
- opportunity to collaborate with world-leading researchers with cardiovascular expertise.

Expected outcomes

It is expected that the successful early-career researcher applicant will be able to commence their Fellowship in 2020, based at either Institute location in Newtown (headquarters) and on the campus of The University of Sydney, at the Charles Perkins Centre. It is anticipated that the successful applicant will be aiming towards establishment of an independent program of research that is complementary to existing research within HRI.





Application process

Applicants should submit a **collated PDF file containing all of the following details:**

- a covering letter with full name, title, qualifications and contact details
- statement of research intent, including its alignment with the HRI research mission
- a CV or resume listing grant success, publications, awards and metrics (H index, citations, journal ranking)
- statement of proposed research (no more than 1000 words)
- three to five supporting references from existing or previous research supervisors and/or mentors
- a statement of commitment to the Fellowship for 5 years.
- Applications should be submitted electronically to careers@hri.org.au, using the subject heading: "Gough Heart Research Fellowship".

Application timeline

- Applicants will be notified upon receipt of their application.
- Applications will be reviewed by the HRI scientific executive team, with advice sought from additional experts in relevant fields of research.
- Applicants identified at first round interviews will be invited to attend HRI (Sydney, NSW) where they will meet the HRI Science Executive team and scientific group leaders, and present a seminar of their doctoral and early career research findings, along with their plans for future research endeavours. Airfare and accommodation will be provided for selected applicants.
- It is anticipated that the successful applicant will be able to commence their Fellowship in 2020.

**For more information about this prestigious opportunity,
please email careers@hri.org.au**

Robert Edward Gough

1933 – 2015



Robert Edward Gough was born on 21 June 1933 in North Sydney, Australia, to Herbert Edward Gough and Lillian (Dainton) Gough, who came to Australia before the Great Depression. Herbert Gough was a scientist with the CSIRO – a career which Robert admired. Robert had one brother and five sisters, and the family resided in the Mosman area.

At the enterprising age of 13, Robert began newspaper deliveries for the local newsagent before school each morning. His ambition soon drove him to extend these deliveries to local businesses, the army, bars and users of public transport.

Throughout his youth, Robert was found to have a number of physical disabilities, including a speech impediment and dyslexia, and at the age of 18 he developed epilepsy through an injury. While these difficulties remained with him through his life, he dealt with them with true fortitude.

After graduating from Mosman High School, Robert did his Clerk of Works certification at North Sydney Technical College. He was an apprentice with AW Edwards in Seven Hills, who were shop fitters and office partition contractors, and so began his passion for design and the goal of becoming a home builder.

Robert was an avid saver, so during his apprenticeship and in the early start-up days of his own building business on the lower North Shore, he would walk, cycle or take the bus from job to job with work tools in hand, to build up capital. Ambition and long hours soon rewarded Robert with increased business and his first motor car.

As a goal setter with a love for the building industry and a financially acute mind, Robert soon branched out into home building and became involved with the subdivision of residential land in Sydney's northern region. The early 1960s saw the establishment of exhibition home centres, a scene which Robert entered with enthusiasm. He then started his own subdivision company, Edward Gough Homes, which was very successful. Eventually, Robert became a large-scale project home builder through his company Washington Gray, developing home styles and offering alternatives and benefits to home buyers which were far ahead of the time.

Robert enjoyed fishing, classical music, football, cricket, singing and playing the clarinet. He was keenly interested in the politics of the day and believed that each person should improve the world during his or her lifetime. In the latter part of his life, Robert's health deteriorated further with the onset of diabetes, dementia and kidney failure.

Robert was a humble, sociable and strong-willed person who wished to commemorate his scientific father's background with CSIRO and to enable the wonders of research to extend beyond his own lifetime. This consideration and his own health difficulties drove Robert's resolution to enable the continuation of medical research, in memory of his father and in the real hope that generations to come will have a rewarding and fulfilling life assisted by scientific and medical accomplishments.

Robert passed away 21 July 2015.

