



THE UNIVERSITY OF  
**SYDNEY**

# Sydney Cardiovascular Fellowships 2018

Charles Perkins Centre and the  
Heart Research Institute





# Sydney Cardiovascular Fellowships 2018

Charles Perkins Centre, University of Sydney

## Sydney Cardiovascular Fellowships 2018

The Heart Research Institute and the Charles Perkins Centre of the University of Sydney are seeking exceptional national and international early to mid-career researchers with the potential to become global leaders in cardiovascular research for the Sydney Cardiovascular Fellowships 2018.

These fellowships represent the most prestigious fellowships in Australia for cardiovascular researchers, and are valued at \$1,000,000 over a period of five years. For truly exceptional mid-career or later research leaders, we will negotiate an appropriately attractive package (up to \$2,000,000 over 5 years). The fellowships are open to Australian and International applicants.

## Sydney Cardiovascular Research Consortium

The Charles Perkins Centre, University of Sydney and the Heart Research Centre have joined with the Sydney Local Health District, and affiliated research centres (such as the George and Centenary Institutes) to form the Sydney Cardiovascular Research Consortium.

As part of Sydney Research we are at the forefront of innovative research to prevent, detect, and treat the world's number one killer.

Together, we represent the largest consortium of cardiovascular researchers in Australia.

Our world-leading research spans all facets of cardiovascular research, with particular strength in biomedical and clinical research and trials.

Some of our key researchers include:

- Professor Shaun Jackson
- Professor David Celermajer
- Professor Chris Semsarian
- Professor David James
- Professor Stephen Simpson
- Professor Philip Hogg

More information on these researchers and their areas of expertise can be found at <http://scvrc.org.au/>.

## Charles Perkins Centre

The Charles Perkins Centre is the result of a \$500 million initiative at the University of Sydney, which aims to ease the burden of obesity, diabetes, and cardiovascular disease and their related conditions using a multi-disciplinary approach. This represents one of the largest single investments in diabetes, obesity, and cardiovascular research globally.



Professor Shaun Jackson, Director Cardiovascular Research  
Charles Perkins Centre and Heart Research Institute

The Charles Perkins Centre is based in the new Research and Education Hub at the University of Sydney and has capacity for 900 wet and dry laboratory researchers. In addition there are regional hubs in Broken Hill and Western Sydney.

Facilities include seven fully serviced communal OGTR-approved PC2 laboratories, supported by a laboratory management team.

Each lab houses 80–100 researchers and are equipped with the latest cellular and molecular biological instrumentation, including real time qPCR machines, tissue culture facilities, CO<sub>2</sub> and hypoxic incubators, ultra- and super-speed centrifuges, freezers, cold rooms, and a biobanking facility, protein expression, separation and identification equipment including LC, electrophoresis, imaging and microscopy.

The Hub houses the University of Sydney's core research facilities for phenotyping, cellular imaging, flow cytometry, mass spectroscopy, and preclinical imaging.

## Eligibility and selection criteria

The successful applicant will have a primary focus on basic biomedical cardiovascular research.

Areas of particular interest include:

- Atherosclerosis and its complications
- Vascular biology and thrombosis
- Cardiometabolic disease
- Cardiovascular tissue engineering and biomaterials
- Cardiovascular genetics and sudden cardiac death
- Thromboembolic diseases in diabetes and cancer
- Medical Chemistry/Chemical Biology

Applicants performing research in these or complementary areas will be considered.

Selection criteria will focus on the following:

- Success in grant applications
- Awards and Distinctions
- Career progression
- Strategic fit with Charles Perkins Centre and HRI mission
- Strong references from world-renowned laboratory
- Highly competitive metrics, with comparison to an appropriate international peer group.

## The Fellowship

The Sydney Cardiovascular Fellowship 2018 will include:

- a one-line Fellowship grant AUD \$1,000,000 over five years. For truly exceptional mid-career or later research leaders, an attractive package of up to \$2,000,000 over five years.
- a conjoint appointment with the University of Sydney and Heart Research Institute
- workspace in the Charles Perkins Centre hub at the University of Sydney
- access to Heart Research Institute, Sydney
- state-of-the-art laboratory facilities
- administrative support
- appropriate visa support for international applicants
- opportunity to collaborate with world-leading academic cardiovascular expertise, and
- opportunity for tenured position at the University of Sydney.

## Expected outcomes

It is expected that the successful applicant will be able to commence their Fellowship in 2018, based primarily within the Charles Perkins Centre research and education hub, University of Sydney. It is anticipated that the successful applicant will be able to establish an independent program of research that is complementary to existing research within the University of Sydney.



Charles Perkins Centre, University of Sydney

## Application process

Applicants should submit an application that includes:

- a covering letter with full name, title, qualifications and contact details
- statement of research intent, and how it aligns with the Charles Perkins Centre and Heart Research Institute missions
- 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
- please note: all final applications should be presented as a collated PDF.

Applications can be submitted electronically to [cardiovascular.fellowships@sydney.edu.au](mailto:cardiovascular.fellowships@sydney.edu.au).

**Applications must be received by 11.30pm, 31 March 2018 (Sydney time).** Notification of receipt of application will be provided.

Applications will be reviewed by the Heart Research Institute and Charles Perkins Centre Cardiovascular

Academic Recruitment Committee and a shortlist will be selected.

Shortlisted applicants will be notified by approximately mid March-2018. The first round of interviews will be conducted in April 2018.

Selected applicants will be invited to attend an interview at the Charles Perkins Centre research and education hub, University of Sydney, in May 2018. Airfare and accommodation will be provided for each applicant.

It is anticipated that the successful applicant will be able to commence their Fellowship in 2018.

**For more information about this prestigious opportunity, in the first instance, please email [cardiovascular.fellowships@sydney.edu.au](mailto:cardiovascular.fellowships@sydney.edu.au).**

Your enquiry will be triaged and forwarded to the appropriate person to assist you.