MACQUARIE University
SYDNEY·AUSTRALIA

Accelerate your Research Career

Apply for an ARC Future Fellowship in Science or Engineering at Macquarie University

YOUR OPPORTUNITY

The Faculty of Science and Engineering at Macquarie University is inviting outstanding international mid-career researchers to apply for an Australian Research Council (ARC) Future Fellowship.

This represents an excellent opportunity for mid-career researchers at the forefront of their field, to work at a leading Australian university, to further develop their international research profile, and to build a career as a high impact research and innovation leader of the future.

Researchers from around the world are eligible to apply if they were awarded a PhD 5 to 15 years ago (between 1 March 2007 and 1 March 2017), or earlier if they can demonstrate periods of significant career interruption.

PRESTIGIOUS, EXCELLENT REMUNERATION AND SUPPORT

Future Fellowships are highly prestigious, and when you join the Macquarie University research community you will enjoy strong institutional support.

The Fellowships include ARC funding of between AU$220,000 and AU$288,000 per year over four years on a full-time basis. The per annum salary contribution from the ARC is between AU$160,000 and AU$228,000 (depending on academic level), including 30% on-costs, and up to AU$60,000 per annum for project costs.

In addition to the ARC support, Macquarie will provide a highly competitive package that includes higher degree by research scholarships, supplementation for project costs, access to internal funding, career development, international study programs and cutting-edge infrastructure. The cost of visa applications for successful applicants is also covered. For details on the outstanding support package Macquarie will provide to you, please contact the Faculty of Science and Engineering Research Manager, Irina Zakoshanski.

ABOUT THE FUTURE FELLOWSHIP FUNDING SCHEME

The ARC is the peak Australian Government body that supports the highest-quality fundamental and applied research through national competitive grant schemes across all disciplines (clinical and other medical research is primarily supported by the National Health and Medical Research Council).

The objectives of the Future Fellowship scheme are to:

- Support excellent basic and applied research and research training by outstanding mid-career researchers to be recruited and retained by universities in continuing academic positions
- Support national and international research collaboration
- Enhance the scale and focus of research in Australian Government priority areas

Given the prestige of the Future Fellowship scheme, it is highly competitive. Up to 100 awards are offered each year – an approximate 15% success rate.

Success in the Future Fellowship scheme requires:

- A highly significant and innovative project that advances knowledge, with outcomes that deliver, economic, commercial, environmental, social and/or cultural benefits to Australia
- An outstanding research track record that places you at the top of your discipline for your stage of career
- A highly supportive and collaborative research environment that provides you with the intellectual and physical resources required to develop your independent research career
- A project that is feasible, will expanded the knowledge base and research capacity in Australia, and represents value for money

Successful Future Fellowship applicants may transition to a continuing position at Macquarie University following their four-year candidature, subject to performance and Faculty approval.

ABOUT MACQUARIE UNIVERSITY

Young, modern and innovative

Macquarie University is one of Australia's top 10 research-intensive universities and is in the top 1% of universities worldwide. It is located on a large, green campus within the Macquarie Park Innovation District, just a short train ride north of the Sydney CBD. Macquarie's research and teaching excellence spans a diverse range of disciplines and is a testament to the University's commitment to continued excellence and innovation.

Under the *Macquarie University 2015 – 2024 Strategic Research Framework*, Macquarie has committed to five Future-shaping Research Priorities that will guide University investment in research. These priorities encompass multidisciplinary challenge areas that build on and expand the world-leading research strengths of Macquarie University, maximising national benefit and leading to world-changing impact. They are:

HEALTHY PEOPLE: *Pioneering health, integrated healthcare and lifelong-learning for wellness in our ageing world*

RESILIENT SOCIETIES: *Understanding cultures in our changing world and building ethical, just and inclusive communities*

PROSPEROUS ECONOMIES: *Strengthening economic productivity to promote prosperity in our diverse world*

SECURE PLANET: *Sustaining our interdependent world and exploring our place in the universe*

INNOVATIVE TECHNOLOGIES: *Advancing our interconnected world with frontier technologies, systems, designs and creative practice*

Internationally engaged and collaborative

Macquarie researchers have a strong track record in collaboration, nationally and internationally. More than 137 countries have enjoyed research collaborations with Macquarie since 2010. Over 100 researchers at Macquarie across 54 subject areas have published research that is in the top 1% of the world, and Macquarie has a strong commitment to research with $1 billion invested in infrastructure and facilities in recent years. Furthermore, 97% of Macquarie's research activity (at the 4-digit FORC level) is regarded by the Australian Government as being of world standard or higher.

FACULTY OF SCIENCE AND ENGINEERING

Macquarie's Faculty of Science and Engineering is a unique research environment. Research in the Faculty spans a wide range of disciplines including:

- Applied BioSciences
- Australian Astronomical Optics (AAO)
- Biological Sciences
- Computing
- Earth and Environmental Sciences
- Engineering
- Mathematics and Statistics
- Molecular Sciences
- Physics and Astronomy

The Faculty hosts a number of ARC and Macquarie Research Centres and is home to unique facilities that promote and support world-class research with our industry, government and community partners.

CONSIDERING APPLYING?

The next Future Fellowship funding round is expected to open in October 2021 for funding commencing 1 July 2022. In preparation for this upcoming round, we invite potential candidates to approach the Faculty Research Manager, or contact an academic staff member at Macquarie who may be a suitable mentor. Please begin these discussions as soon as possible. Following this initial discussion, you will need to submit an expression of interest by **5 pm (AEST) 15 September 2021**.

When contacting a Macquarie University staff member please include the following information:

1. A brief, one paragraph description of your proposed research project
2. Potential research mentor(s) at Macquarie
3. Your curriculum vitae, detailing your qualifications, employment history, publications, other research outputs, previous grant success, any research student supervision, and referees

For more information on the Future Fellowship scheme, please visit the Macquarie information webpage or the ARC website. Links to the Grant Guidelines and Instructions to Applicants from the previous round are available for download from Grant Connect.

CONTACT

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